

Scout Report sent out

Noted in the NID File

Location map pinned

Approval or Disapproval Letter

IN UNIT

Date Completed, P. & A. or operations suspended

12-26-56

Pin changed on location map

Affidavit and Record of A & P

Water Shut-Off Test

Gas-Oil Ratio Test

Well Log Filed

FILE NOTATIONS

Entered in NID File

✓

Checked by Chief

✓

Entered On S R Sheet

✓

Copy NID to Field Office

✓

Location Map Pinned

✓

Approval Letter

✓

Card Indexed

✓

Disapproval Letter

✓

I W R for State or Fee Land

✓

COMPLETION DATA:

Date Well Completed 12/25/56

Location Inspected

✓

OW ✓ WW TA

Bond released

✓

GW OS PA ✓

State of Fee Land

✓

Recamp Part

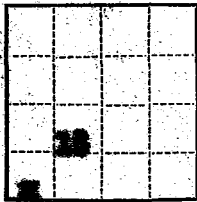
LOGS FILED

Driller's Log 5/13/54

Electric Logs (No.) 2

E ✓ I ✓ E-I ✓ GR ✓ GR-N ✓ Micro ✓

Lat ✓ Mi-L ✓ Sonic ✓ Others ✓



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City
Lease No. 10416
Unit Red Wash

SUNDRY NOTICES AND REPORTS ON WELLS

| | | | |
|---|-------------------------------------|---|--|
| NOTICE OF INTENTION TO DRILL..... | <input checked="" type="checkbox"/> | SUBSEQUENT REPORT OF WATER SHUT-OFF..... | |
| NOTICE OF INTENTION TO CHANGE PLANS..... | | SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING..... | |
| NOTICE OF INTENTION TO TEST WATER SHUT-OFF..... | | SUBSEQUENT REPORT OF ALTERING CASING..... | |
| NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL..... | | SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR..... | |
| NOTICE OF INTENTION TO SHOOT OR ACIDIZE..... | | SUBSEQUENT REPORT OF ABANDONMENT..... | |
| NOTICE OF INTENTION TO PULL OR ALTER CASING..... | | SUPPLEMENTARY WELL HISTORY..... | |
| NOTICE OF INTENTION TO ABANDON WELL..... | | | |

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Well No. 10-100 is located 600 ft. from [S] line and 500 ft. from [W] line of sec. 10
10-100 (1/4 Sec. and Sec. No.) T. 1 S. (Twp.) R. 1 E. (Range) 112 N. (Meridian)
Red Wash (Field) Wasatch (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 5300 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

We propose to drill a test hole for oil or gas in lower Green River formation.
 10", 40.5', 1-0 conductor casing set at approximately 10' and cemented to surface.
 10 3/4", 40.5', 1-0 surface casing set at approximately 100' and cemented to surface.
 7", 23', 1-0 production string set through the Green River at approximately 600' with sufficient cement to exclude all potential oil or gas sands.

Estimated top of Green River 5300'
 Estimated top of Wasatch 5200'

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The California Company
 Address P. O. Box 155
Yreka, Utah
 By [Signature]
 Title Area Sup't.

Drill Stem Tests

#1 HFT 5110 - 5153
 #2 HFT 5664 - 5700
 #3 HFT 5848 - 5875
 #4 HFT 6255 - 6278
 #5 HFT 6328 - 6359

WORK DONE

0' - 22', 16" conductor.

October 27 - 31, 1956.

Kerr McGee Oil Industries moved in and rigged up.

Spudded 3:00 p.m., October 31, 1956.

Drilled 15" hole, 4 1/2" F.H. drill pipe, water drilling fluid.

22' - 431' 409' Drilled.

Cemented 449' of 10 3/4" casing at 425'.

Mixed 275 sacks Ideal Common cement with 2% calcium chloride in 15 minutes to average 16 ppg slurry. Used Howco power equipment. 5 minutes displacing. Used one top rubber plug. Cement in place 2:50 p.m. Good cement returns to surface.

Casing Detail

| | | | |
|-------------|---------|---------|---|
| All | 11 jts. | 449' | 10 3/4" O.D., 40.5#, H-40, Range 3, new, seamless casing with short 8 round threads and couplings. Includes Baker cement guide shoe and Baker float collar two joints up. |
| Total | 11 jts. | or 449' | |
| Above K.B. | | 24' | |
| Cemented at | | 425' | |

Casing Summary

Landed 10 3/4" casing 15' below Kelley Bushing, leaving 430' of casing cemented at 425'.
 Recovered 39' of 10 3/4" casing.

Cut and recovered 15' of 16" conductor.

Stood cemented 28 hours.

Installed Class III blowout prevention equipment. Pressure tested to 1200 psi with clear water for 30 minutes, O.K. (While standing cemented.)

Drilled out collar, cement, and guide shoe.

Drilled 9" hole, 1/2" drill pipe, 9.2 - 9.6 ppg mud.

431' - 4965' 4534' Drilled.

Lost approximately 150 barrels of mud @ 3752'. Full returns @ 3758'.

November 14, 1956.

Diamond Cored 8 7/8" hole, 1/2" drill pipe, 9 ppg mud.

Core #1 - 4965' - 5030' - Recovered 65'

4965' - 4965 1/2' S.s. = gr, vfg, v hd, perm NSOF

4965 1/2' - 4968' S.s. & sh = f imbd; S.s., lt gr, hd, ti; Sh, gr-brn, m hd, irreg frac.

4968' - 4970' S.s. = as in top of core.

4970' - 4971' S.s. & Sh = a.a.

4971' - 4972' S.s. = as in top of core

4972' - 4981' S.s. & Sh = s.s., gr-tn, vfg, dns, hd, v dol, NSOF; Sh, a.a., pred v cxs, reworked.

4981' - 4982' S.s. = tn, dol, hd, dns, ti, NSOF

4982' - 4993 1/2' S.s. & Sh = a.a.

4993 1/2' - 4996' Sh

4996' - 4997 1/2' S.s. = lt gr, fg, well sort, hd, well cem, scat vf blk sphs, rare ostr, spot stn, dull yel flint, gr-bl cut, wet.

4997 1/2' - 5001' S.s. & Sh = a.a., cxs, reworked.

5001' - 5004' Sh

5004' - 5005' S.s. = a.a.

5005' - 5011' Sh

5011' - 5013' S.s. = a.a.

5013' - 5023' Sh

5023' - 5027' S.s. = a.a.

5027' - 5030' S.s. = dk gr, fg, fair sort, hd, well cem, wet, NSOF, bottom badly broken in bbl when jammed

Core #2 - 5030' - 5120' - Recovered 90'

5030' - 5031' S.s. = m gr, fg, sr, well sort, hd, m fri, musty odor, wet, NSOF

5031' - 5045' Sh = dk gr, m hd, irreg frac.
Stns lt gr, hd, dns sltst.

5045' - 5046' S.s. = gr, vfg, v well cem, hd, ti, NSOF

5046' - 5047' Sltst = dk gr, hd

5047' - 5048' S.s. = a.a., ti, NSOF, stns reworked dk sltst.

5048' - 5052 1/2' S.s. = m gr, fg, sa, well sort, hd, well cem, abd dk gs, good p & p, wet, occ spotty stn in upper 1'

5052 1/2' - 5055 1/2' 3" cxs g pebbly sandstone with spotty oil stn.
Bcm lt gr fg, well sort, wet, s.s. dk g not present

5055 1/2' - 5060' S.s. = a.a., except fg, ti, NSOF

5060' - 5063' S.s. = a.a., bcm ti & shaly

5063' - 5066 1/2' S.s. = as above 5050'

5066 1/2' - 5070 1/2' Stns to 4" ti s.s & sltst

5070 1/2' - 5073 1/2' Grades to Sltst, m gr, hd

5073 1/2' - 5083' S.s. = lt gr, fg, well sort, hd, fri, clean, abd of sphs, wet, NSOF.
Stns to 6" gr sltst in top 5'

5083' - 5088' Bcm streaked with thi reworked dk sh inlams

5088' - 5089' Grades to finely imbd lt gr Sltst & dk sh

5089' - 5097 1/2' Bcm pred Sh, dk gr, m hd, irreg frac

5097 1/2' - 5098' S.s. = lt gr, fg, fair sort, well cem, hd, ti, w/ stns dol, oolite, abd blk sphs & ostr

Core #2 (cont'd)

5098' - 5100'
 5100' - 5102'
 5102' - 5106'

 5106' - 5108'

 5108' - 5114'

 5114' - 5116'
 5116' - 5120'

Ben S.s. a.s., except slightly over gr & oil sta'd. Oil in frac.
 Grades to Sltst, m gr, hd
S.s. - lt gr, vfg, v hd, well com, patches Sh & carb frags,
 spotty stn wi bri yel flsn & bl-gr cut, int pet odor.
 Generally tite.
 Ben S.s. - a.s., ti wi 30% Sh in thin inlams to 1" strc,
 finally reworked.
 Oil stn S.s. - m gr wi spotty brn stn, fg, sa/sr, well sort, hd,
 well com, abd dk sh strc, bri yel flsn where stn
 wi inst silver-bl cut
 Ben generally ti wi rare sta'd strc
 Oil sta'd S.s. - m gr wi dk brn stn, fg, sr, well sort, hd,
 difficultly fri, gld flsn wi inst gr-bl cut,
 good pet odor, occ strc & patches sh & ti
 unsta'd ss. Bottom 1 1/2' badly broken in core
 bbl. Oil in frac.

Core #3 - 5120' - 5210' - Recovered 90'

5120' - 5131 1/2'
 5131 1/2' - 5135'
 5135' - 5136 1/2'
 5136 1/2' - 5137 1/2'
 5137 1/2' - 5142 1/2'
 5142 1/2' - 5144'
 5144' - 5153 1/2'
 5153 1/2' - 5156 1/2'
 5156 1/2' - 5157 1/2'
 5157 1/2' - 5161 1/2'
 5161 1/2' - 5162 1/2'
 5162 1/2' - 5165'
 5165' - 5170'
 5170' - 5176'

 5176' - 5178 1/2'
 5178 1/2' - 5181 1/2'
 5180 1/2' - 5183'
 5183' - 5193'

 5193' - 5196'
 5196' - 5203'
 5203' - 5210'

Oil sta'd S.s., gr wi lt brn stn, fg, sa/sr, fair to good sort,
 stre ti s.s. and thi sh inlams, good pet odor,
 bri yel flsn, inst silver bl cut
 Ben inor shaley
 Grades to S.s. and Sh, s.s. pred lt gr, vfg, well com & ti wi
 occ strc perm, Sh dk gr thi inlams
 Sh. gr gr, m hd, irreg frac
 Grades to Sh a.s. wi dk gr sltst
 Dol colite, tn wi fine tn coals, abd outs, NSOF
 Ben oil sta'd, spotty lt brn stn, bri yel flsn
 Oil stn S.s., gr wi lt brn stn, fg, sr, well sort, hd, m fri,
 good pet odor, bri yel flsn
 Ben pred ti S.s., vfg, tl, rare patch stn, stre dk sh
 Ben inor shaley
 Ben pred Sh, dk gr, hd
 Grades to S.s., vfg, v well com, hd, tl, barren
 Sh, sa, wi strc ti ss to 2"
S.s., dk gr, fg, sr, well sort, hd, m fri, abd blk sphs, wet NSOF
S.s., lt gr, vfg, hd, dns, ti except in occ strc, 15% reworked
 sh in thi inlams to 1" strc.
 Ben pred Sh, dk gr, hd, irreg frac
S.s., fg, sa/sr, fair sort, hd, well com, NSOF
 Appears some perm
 Grades to S.s., m gr, m/crs, hd, fri, well sort, sa, perm, wet
 NSOF
 2" misff gr sh
S.s., dk gr, fg, dns, hd, well com, dolie abd blk sphs, ti, NSOF
S.s., dk gr, mg, m hd, m fri, perm, wet, NSOF
 Ben streaked wi dk sh inlams to 1/4" strc.

Core #1 - 5210' - 5300' - Recovered 90'

5210' - 5217' S.s., dk gr, fg, m hd, dns, m fri, perm, wet, NSOF
 5217' - 5221' S.s., dk gr, vfg, hd, dns, well cem, wet, becoming tl, strike dk sh inlams, Starks sin
 5221' - 5221½' 6" S.s., dk gr, fg, v hd, v dns, tl, no perm, poor sort, well cem.
 5221½' - 5226' S.s., dk gr, fg, m hd, perm, well sort, wet, NSOF
 5226' - 5227½' Som vfg, m fri, perm, well sort, wet, NSOF
 5227½' - 5228' 62 Siltstn, f gr, v hd
 5228' - 5230' S.s., vfg, hd, perm, lt gr, wet, NSOF
 5230' - 5230½' Sh, dk, hd, irreg frac
 5230½' - 5234' Siltstn, vfg, hd, dk brn sh inlams
 5234' - 5241½' S.s., lt gr, mg, sa, well sort, hd, mod fri, wet, perm, NSOF patchy sh, lt gr, soft
 5241½' - 5242½' 10" Sh, dk gr, hd, w/stks s.s.
 5242½' - 5247' S.s., s.s.
 5247' - 5250' Siltstn, lt gr, vfg, hd, ben Sh, dk gr, m hd, carb frags, irreg frac
 5250' - 5263' Sh, s.s., ben siltstn inlams, hd, tl, dk gr
 5263' - 5265' S.s., dk gr, fg, sa, hd, NSOF
 5265' - 5270' Siltstn, hd, w/sh inlams, patchy oil stn
 5270' - 5272' Siltstn, lt gr, ben sh
 5272' - 5273' S.s., lt gr, fg, sa, hd
 5273' - 5280' Siltstn, w/stks sh, dk gr, fg, dns, v hd
 5280' - 5281' S.s., fg, lt gr, sa, m hd, NSOF
 5281' - 5287' Strks Sh, dk gr, carb stn inlams
 5287' - 5288' Siltstn, dk gr, fg, dns, hd, well cem, dolic csts
 5288' - 5291' Siltstn, lt gr, fg, dns, hd, well cem, dolic, abd csts
 5291' - 5294' ben S.s., mg, dolic lt gr, abd csts, perm, NSOF
 5294' - 5300' S.s., f/mg, lt gr, well sort, sa, ben perm where sampled, NSOF crushed strike sh inlams, irreg in bottom 1'

November 20, 1956

557 (1) One hour formation test of interval 5110 - 5153, HB-HD, lower Green River sands. Ran 1 1/2" Bourdon tester on log, 16.67 F.H. D.P., 225' of 6 3/4" O.D. drill collars, no cushion, sidewall anchor tool, three 8" O.D. packers, hydraulic valve, Howco jars and safety jt. Set packers at 5105, 5110 and 5153. Opened valve 3:30 p.m. for 1 hour then closed for 30 minutes shut in test.

Mild blow immediately. Gas to surface in 8 minutes. Mild blow balance of test. Pitot tube reads 60 - 75 SCF/D rate. Recovered 620' including top 295' high pour point oil 28° API, 93° pour point. Bottom 325' watery mud grading to muddy water above tools. 150 ppm Cl⁻ 10m. Bottom recorder indicates bottom packer hold o.k.

Charts:

| | IH | IP | FF | SI | FH |
|-----------|------|-----|-----|------|------|
| Top FF | 2571 | 74 | 212 | 1896 | 2553 |
| Middle FF | 2585 | 101 | 237 | 1870 | 2567 |

Core #2 - 5300' - 5385' - Recovered 81'

5300' - 5304' S.s., vf/fg, lt gr, well sort, sa, perm, NSOF, wet, carb (gilsonitic) intrusions
 5304' - 5314' S.s., c.g., dk gr, conglom carb intrusions, poor sort, v perm, NSOF, wet, scattered sphs
 5314' - 5318' S.s., mg, lt gr, well sort, perm, NSOF, wet
 5318' - 5320' S.s., cg, well sort, slightly perm, NSOF, wet

Core #5 (cont'd)

5320' - 5321' Sh, silty, irreg frac, lt gr w/dk gr inlans
 5321' - 5326 1/2' S.s., fg, lt gr, abd ostres, calc, ben ng, conglom, NSOF, perm, wet, 10" Siltstn, ti,
 5326 1/2' - 5336' S.s., fg, lt gr, well sort, perm, NSOF, wet
 5336' - 5340' Ben strics ti, dns, imperv, Siltstn w/ oat coq and sub coq
 1" Sh at 5338'
 5340' - 5341' 1/2' Ost coq grading to sub coq
 5341' - 5342' 1" Sh, dk gr, m hd
 5342 1/2' - 5349 1/2' Grades to Siltst, m gray, hd w/ strc reworked dk sh
 5349 1/2' - 5351' S.s., lt gr, fg, sa/or, fair sort, hd, well cem, NSOF
 5351' - 5353' Ben very shaley, Sh in dk thi finely reworked inlans
 5353' - 5354' Grades to Sh, dk gr, m hd, irreg frac
 5354' - 5355 1/2' Siltst & Sh, siltst lt gr, hd; Sh, a.a.
 5355 1/2' - 5366' Grades to S.s., lt gr, fg, sr, v well sort, hd, well cem, wet, NSOF
 5366' - 5370' Ben tighter w/ strc lt gr Siltst and dk Sh
 5370' - 5371' Siltst, lt gr, hd
 5371' - 5372 1/2' Ben v shaley - th reworked inlans
 5372 1/2' - 5373 1/2' Ben pred Sh., dk gr, m hd, irreg frac
 5373 1/2' 3" Ost. coq.
 5381' - 5385' No recovery

Core #6 5385' - 5438' - Recovered 52'

5385' - 5387 1/2' Siltst, m gr, vary hd and dns, w/ strc dk gr, m sft sh
 5387 1/2' - 5391' Grades to Sh, dk gr, m sft, irreg frac
 5391' - 5394 1/2' Ost-coq, blk & tn ostc in dol matr, ti, NSOF
 5394 1/2' - 5402' Sh, dk brn, m sft, poker chip frac
 5402' - 5407' Siltst & Sh., Siltst, m gr, hd; Sh, a.a. in thin coarsely reworked inlans to strc 1/2"
 5407' - 5408 1/2' Oil str'd S.s., dk brn str, fine g, sa, fair sort, hd, well cem, abd blk gs, good pet odor, dull gold flsn, inst white cut
 5408 1/2' - 5409 1/2' Ben strkd with 30% barren Siltst
 5409 1/2' - 5410' Siltst, m gr, hd
 5410' - 5411' S.s., vfg, sr, mgr, hd, well cem, NSOF
 5411' - 5412 1/2' Siltst, lt gr, hd, w/ strc dark reworked sh
 5412 1/2' - 5415 1/2' Sh, dk gr, sft, irreg frac
 5415 1/2' - 5417' Limestone, calcitic, m gr, v hd, dns, abd sphc and osts, ti, NSOF
 5417' - 5417 1/2' Sh, gr-grn, m hd, irreg frac
 5417 1/2' - 5418 1/2' S.s., vfg, ti, w/ NSOF
 5418 1/2' - 5419 1/2' Oil str'd S.s., dk brn str, mg, sa/or, fair sort, hd, m fri, strong sulfur odor, dk brn flsn, inst li brn cut
 5419 1/2' - 5427' Ben S.s. a.a. without oil str
 5427' - 5428' No recovery

Core #7 = 5438' - 5528' = Recovered 90'

| | |
|---|--|
| 5438' - 5441' | S.s., lt gr, tn, fg, sa, silty, well sort, hd, NSOF, wet, perm |
| 5441' - 5442' | Siltstn, dk gr, dns, ti, hd |
| 5442' - 5444' | S.s., lt gr, fg, sa, clean, well sort, n fri, NSOF, wet, perm |
| 5444' - 5447' | Siltstn, lt gr, ti, hd, sh inlams |
| 5447' - 5451 $\frac{1}{2}$ ' | Ben pred Sh |
| 5451 $\frac{1}{2}$ ' - 5462' | Sh, dk gr, hd, irreg frac, silty in patch |
| 5462' - 5464' | Siltstn, lt gr w/strks dk gr sh w/brush cast |
| 5464' - 5465' | Ben abd ostros |
| 5465' - 5479' | Sh, dk gr, strks siltstn, hd, ti, bri irreg frac |
| 5479' - 5481' | S.s., lt gr, tn, fg, sa, well sort, NSOF, wet |
| 5481' - 5482' | Sh, dk gr, hd, britt irreg frac, abd fauna casts |
| 5482' - 5483' | S.s., lt gr, fg, sa, hd, ti, imperm |
| 5483' - 5483 $\frac{1}{2}$ ' | perm inlams, brn oil stn, mg, dood odor, yel flo, yel cut |
| 5483 $\frac{1}{2}$ ' - 5484 $\frac{1}{2}$ ' | 6" Sh, dk gr brn (oil sh) |
| 5484 $\frac{1}{2}$ ' - 5487' | Siltstn, patchy sh |
| 5487' - 5492' | Sh, dk gr, siltstn inlams, hd, irreg frac |
| 5492' - 5504' | Sh, dk gr brn, brittle, lam frac |
| 5504' - 5505' | 10" Siltstn, lam |
| 5507' - 5532' | Siltstn, patches - Sh, hd, irreg frac, lam |
| 5532' - 5523 $\frac{1}{2}$ ' | Sh, a.a. |
| 5523 $\frac{1}{2}$ ' - 5525' | Holo, abd ostros, hd, ti |
| 5525' - 5527' | S.s., mg, dk gr brn, sa, well sort, NSOF, perm, wet |
| 5527' - 5528' | Siltstn, dk gr, ti, vy hd |

Core #8 = 5528' - 5592' = Recovered 64'

| | |
|------------------------------|--|
| 5528' - 5533' | Siltstn, dk gr, v hd, abd oste, calc, no perm, fw strks s.s., sa, lt gr, fg, num oste, perm, NSOF, wet |
| 5533' - 5542 $\frac{1}{2}$ ' | Ben strks Sh, dk gr inlams |
| 5542 $\frac{1}{2}$ ' - 5555' | Sh, dk gr, brtl, hd, irreg frac, strks siltstn, num carb foss |
| 5555' - 5558' | S.s., vf-ig, lt gr, sa, hd, no perm, NSOF, well sort |
| 5558' - 5569 $\frac{1}{2}$ ' | 5" dk grn Sh |
| | Siltstn, lt gr, hd, strks sh, mott app |
| 5569 $\frac{1}{2}$ ' - 5592' | Sh, dk gr, brtl, pred irreg frac, strks siltstn, fw greenh & brn sh casts |

Core #9 = 5592' - 5667' = Recovered 75'

| | |
|---------------|--|
| 5592' - 5598' | Sh & Siltstn, Sh dk gr, brtl, irreg frac, fw carb intr, fw brush casts; Siltstn, lt gr, v hd, strks sh, dk gr, Sampled in altstn for perm checks |
| 5598' - 5612' | Pred 70% siltstn |
| 5612' - 5618' | Pred 90% siltstn, a.a. |
| 5618' - 5619' | S.s., inlams, ti, oil stn, tarnish v faint cut |
| 5625' - 5634' | 80% Siltstn, a.a.; 40% Sh, a.a. |
| 5634' - 5639' | 80% Sh, a.a. |
| 5639' - 5640' | 2" S.s., v ti, brn oil stn, yel fln |

Core #9 (cont'd)

5640' - 5650' Siltstn, lt gr, v hd, dns, lmy, irreg frags, fw sh strks inlams
 5650' - 5653' brnsh oil stn, strks ti s.s., br yel flsn, li straw cut CCl₄
 5653' - 5655' strks oil stn'd s.s., aa, bcm perm, straw cut
 5655' - 5657' Bcm S.s., fg, sr, lt brn w/oil stn, m ti w/strks sh & siltstn,
 lt gr, hd, ti, 50% s.s.
 5657' - 5659' Bcm pred Siltstn w/fw strks oil s.s. aa., hd, ti, strks sh, dk gr, b
 5659' - 5660' 5" S.s. fg, brn oil stn
 5660' - 5667' End of core

Core #10 - 5667' - 5750' - Recovered 83'

5667' - 5669' 5" Siltstn, dk gr, v hd, dns, lmy, vert frac
 S.s., dk gr, mg, sr, fri, v perm, blotchy flsn, wet?, no odor,
 blotchy stn
 5669' - 5672' 5" Siltstn, lt gr, v hd, dns, lmy
 S.s., dk brn, mg, fri, v perm, alty, yel flsn, brn stn, gd pet
 odor, sr,
 5672' - 5672½' 6" Siltstn, dk gr, v hd, dns, lmy
 5672½' - 5679½' S.s., dk brn, f-mg, fri, sr, v perm, alty, yel flsn, brn stn,
 gd pet odor, less fri below & more silty
 Siltstn,
 5679½' - 5681' Sh & Siltstn, dk gr, hd
 5681' - 5683' S.s., fg, dk gr-dk brn, hd, sr, blotchy flsn, yel blotchy brn stn,
 pet odor, possibly ti
 5683' - 5684' Siltstn, lt-dk gr, hd, bcm sh
 5684' - 5687' S.s., lt gr-stn, mg, sr, v perm, br yel flsn, blotchy tn stn
 4" Sh
 5687' - 5688½' S.s., f-mg, sr, fri, perm, blotchy brn stn & yel flsn
 5688½' - 5689½' 10" Sh & Siltstn, dk gr, mott hd, irreg frags
 5689½' - 5692½' S.s., f-mg, sr, v fri, perm, bri yel flsn, tn-brn stn, gd pet odor
 5692½' - 5696' Siltstn & Sh, pred siltstn, dk gr, hd, irreg frags, mott app
 5696' - 5698' 16" S.s., dk gr, fg, hd, perm? NSOF, sr
 5698' - 5707' 5" S.s., gr, fg, sr, hd, dns, perm? NSOF
 Sh, dk gr, hd, pred irreg frags, also frags inlams
 5707' - 5710½' Sh aa
 7" S.s., fg-mg, sr, perm? tn & brn stn, free oil in frac, v,
 gd flsn & pet odor
 5710½' - 5711' 10" Siltstn, lt gr, v hd
 5711' - 5720' Siltstn, a.s.
 5720' - 5728½' Bcm 50% Siltstn, dk gr, hd
 5728½' - 5735' Sh, pred dk, gr-gm
 5735' - 5745' Siltstn, lt-dk gr, v hd, dns, fw strks, dk gr sh
 5745' - 5747' Sh, dk gr gm, hd irreg frags
 5747' - 5748' Siltstn, dk gr, hd
 5748' - 5750' S.s., lt gr, v hd, dns, sr, blotchy brn oil stn & bri yel flsn.
 borders on siltstn, probably ti

Well #11 - 5750' - 5810' - Recovered 90'

5750' - 5756'

Sh & Siltstn (80% sh)
Sh, dk gr brn, brtl, irreg frags
Siltstn, gr, v hd, irreg frags, bed dips, visible v flat, mott

5756' - 5760'

Ben pred Siltstn 90%

5760' - 5769'

Ben pred Sh 90%, irreg frags tending in mott lam

5769' - 5773'

Ben pred Siltstn, vol, dk gr & lt gr

5773' - 5773'

fw streaks lt gr & brn S.S., fg, pet odor, yel flsn

5773' - 5774'

2" gilsonite

5774' - 5781'

Siltstn, an

5781' - 5781'

Ben pred Sh, dk gr, brtl, irreg frags

5781' - 5793'

Ben pred Siltstn, lt gr, v hd, streaks sh in lam

5793' - 5802'

Ben pred Sh, gr grn, hd, brtl, irreg frags

5802' - 5812'

Ben pred Siltstn, grn, hd, irreg frags, lay

5812' - 5821'

Ben pred lt gr color, v hd, dns, irreg frags

5821' - 5831'

Ben pred Sh, dk gr, slty, brtl, irreg frags

5831' - 5831'

Ben Siltstn, gr, fri, irreg frags

5831' - 5840'

S.S., fg, lt gr, sl fri, dns, slty streaks dk brn oil stn S.S., pet odor, yel flsn

November 2, 1956

Well #2 Two hour formation test of interval 5664 - 5700, J - K, lower Green River sands.

Run Halliburton tester on dry 1 1/2", 16.6# F.H. D.P., 266' of 6 3/4" O.D. Drill Collars, sidewall anchor tool. Three 8" O.D. packers, hydraulic valve, Howco jars and safety jt. Set packers 5649', 5664' and 5700'. Sidewall anchor at 5715'. Opened valve 4.06 a.m. Test 2 hours then closed for 30 minute shut-in test.

Strong initial blow. Gas to surface in 8 min. at 60 MCF/D. Declined to weak blow at end of test. Recovered 2650' net rise including 2550' gassy black high pour point oil which blow out intermittently (29° API, 96° F. Pour Pt.) and 90' muddy water testing 200 ppm Cl⁻. Bottom recorder failed.

Charts:

| | IN | IF | FF | SI | FK |
|-----------|------|-----|-----|------|------|
| Reg. 22 | 2820 | 90 | 698 | 2026 | 2820 |
| Middle BT | 2851 | 121 | 707 | 2090 | 2828 |

Diurnal cored 8 7/8" hole 1 1/2" drill pipe, 9.5 ppg mud

Well #12 - 5840' - 5930' - Recovered 90'

5840' - 5848'

Siltstn, gr-grn, dns, m hd, irreg frags, lay

5848' - 5855'

S.S., m-dk brn, fg, sr, fri, gd oil stn, dull gold brn flsn, fnt pet odor, wat?, slty, v perm

5855' - 5856'

Ben patchy mott Siltstn

5856' - 5857'

Siltstn, gr, lay, brtl, irreg frags

5857' - 5860'

S.S., brn, mg, sr, v fri, gd oil stn, dull gold flsn

Core #12 (cont'd)

| | | |
|--------------------|--------------------|--|
| 5860 | 5861 | Siltstn, gr grn, m fri, dns |
| 5861 | 5865 | S.s., f-ng, dk brn, fri, gd oil stn, pet odor, mott dull gold & brn flsn, fw siltstn patches |
| 5865 | 5866 | Siltstn, gr grn, m fri, dns |
| 5866 | 5870 | Bcm patches S.s., dk brn, fg, gd oil stn, gold & yel flsn |
| 5870 | 5872 $\frac{1}{2}$ | S.s., v dk brn, f-ng, m fri, gd oil stn, fnt pet odor, sr, bleeding black oil, v perm |
| 5872 $\frac{1}{2}$ | 5873 | 5" Siltstn strks sh inlams |
| 5873 | 5875 | S.s., aa, bca m hd, patchy siltstn |
| 5875 | 5879 | Siltstn, lt gr, m fri, sh inlams, mott app, fw s.s. strks, gd stn, tn flsn |
| 5879 | 5883 | S.s., gr-tn, fg, hd, dns, low perm, strks sh in patches |
| 5883 | 5886 | Bcm patch S.s., dk brn, gd stn, dull tan flsn |
| 5886 | 5891 $\frac{1}{2}$ | Siltstn, dk gr-grn, brtl, irreg fracs |
| 5891 $\frac{1}{2}$ | 5892 | 3" S.s., ng, dk brn, v fri, gd oil stn |
| 5894 | 5895 $\frac{1}{2}$ | S.s., dk brn, ng, v fri, gd oil stn, tn flsn, fnt pet odor, v perm |
| 5895 $\frac{1}{2}$ | 5897 | Bcm patchat gr grn S.s., wet? |
| 5897 | 5898 | S.s., lt gr, ng, deer fri, perm, wet |
| 5898 | 5900 | Siltstn, grn, dns, hd, irreg fracs, dns imperm |
| 5900 | 5902 | Siltstn, lt gr, vfg, chalky, m fri, borders on vfg s.s. |
| 5902 | 5904 | S.s., fg, gr, v hd, dns, irreg fracs, alty, poor sort, NSOF |
| 5904 | 5905 | 10" Siltstn, lt gr |
| 5905 | 5907 | Bcm fnt oil stn & flsn |
| 5907 | 5910 | Siltstn, gr, brtl, dns, mott app, fri, strks sh |
| 5910 | 5912 | Bcm strks S.s., tn, dns, fg, imperm? NSOF 50% |
| 5912 | 5914 | S.s., lt brn, f-ng, lt brn oil stn, sr, no flsn, sour odor |
| 5914 | 5918 | Siltstn, vel, lt gr, gr-tn, dns, vfg, imperm |
| 5918 | 5922 | S.s., gr, vfg, hd, brtl, irreg fracs |
| 5922 | 5924 | Sh, gr, grn, brtl, irreg fracs inlams |
| 5924 | 5930 | Siltstn, gr-grn, vfg, dns, hd |

Core #13 - 5930 - 6020 - Recovered 90'

| | | |
|--------------------|--------------------|---|
| 5930 | 5933 | Siltstn, lt gr, dns, m hd, irreg fracs |
| 5933 | 5939 $\frac{1}{2}$ | S.s., gr, f-ng, sr, well sort, NSOF, alty, abd sph |
| 5939 $\frac{1}{2}$ | 5942 | Siltstn, lt gr, dns, m hd, irreg fracs |
| 5942 | 5953 $\frac{1}{2}$ | S.s., gr, f-ng, sr, well sort, m hd, irreg fracs, abd sph, NSOF |
| 5953 $\frac{1}{2}$ | 5959 | Siltstn, lt gr, dns, irreg fracs |
| 5959 | 5968 $\frac{1}{2}$ | Sh, dk gr, m hd, irreg fracs, tending inlams, strks siltstn, lt gr, lmy, fw pebs 1/4" |
| 5968 $\frac{1}{2}$ | 5978 | S.s., lt gr, f-ng, sr, well sort, abd sph, irreg fracs, NSOF, fri |
| 5978 | 5980 $\frac{1}{2}$ | Siltstn, tn, gr, lmy, abd sph, incl mg ss, bems ogl, ti w/sh & pebs |
| 5980 $\frac{1}{2}$ | 5988 | Siltstn 80% & Sh(clystn); siltstn, lt gr, dns, v hd, irreg fracs; clystn, dk gr, alty, hd |
| 5988 | 5993 $\frac{1}{2}$ | Bcm pred Sh, S.s. |
| 5993 $\frac{1}{2}$ | 5996 | Siltstn, bcm pred siltstn, S.s. |
| 5996 | 6000 | S.s., gr-tn, fg, hd, burnt odor, abd sph, fw oolites, NSOF |
| 6000 | 6005 $\frac{1}{2}$ | Sh, dk gr, hd, pred irreg fracs |
| 6005 $\frac{1}{2}$ | 6011 | Siltstn, lt gr-tn, v hd, irreg fracs, lmy, strks sh, dk gr |

Core 1A (cont.)

6011' - 6014' S.S., vfg, lt gr, dns, v hd, NSOF
 6014' - 6018' Siltstn, aa, w/strike sh
 6018' - 6020' S.S., lt gr, vfg, v hd, dns, NSOF

Core 2A - 6020' - 6110' - Recovered 90'

6020' - 6025' Siltstn, gr, chky, dns, v hd, strike dk gr sh, in mott app
 6025' - 6029' S.S., lt gr, vfg, dns, m hd, scat blk sph, strike siltstn & sh, mott app, NSOF

6029' - 6034' Siltstn, K. gr, dns, v hd, lmy, strike dk gr sh in mott pattern, irreg frags

6034' - 6041' S.S., lt gr, m-fg, dns, m hd, sr, perm, NSOF
 6041' - 6048' Sh, dk gr, brtl, frags in lams, strike siltstn in mott pattern
 6048' - 6049' S.S., gr, vfg, dns, m hd, NSOF

6049' - 6050' 6" Sh, a.a.
 6050' - 6052' S.S., vel, brn & gr, fg, m hd, blotchy siltstn & flsn, int odor

6052' - 6059' Siltstn, dk gr gm, m hd, irreg frags bems lt gr col.

6059' - 6062' Sh, dk gr, brtl, hd, frags in lams, strike siltstn

6062' - 6064' S.S., vfg, lt gr, sl fri, sr, poor sort, NSOF

6064' - 6065' Sh, dk gr, brtl, dns, hd

6065' - 6066' Siltstn, gr, dns, hd, incl small pebs

6066' - 6068' S.S., vel, lt brn & gr, fg, sr, spotty oil stn & flsn, int pet odor

6068' - 6076' Siltstn, gr, dns, v hd, bems shy w/strike dk gr sh

6076' - 6080' S.S., lt gr, vfg, chky, dns, m hd, sl fri, NSOF

6080' - 6081' 12" Sh, dk gr, brtl, w/strike siltstn

6081' - 6093' Dem gng, fri, more perm, sr, well sort, abd oste

6093' - 6100' Siltstn, lt gr, v hd, sh patches, dk gr gm

6100' - 6110' Bems no sh, also chky

December 8, 1956

Fig. 29. Frt heavy formation test of interval 5848 - 5875, K sands, Basal Green River

Dr. Halliburton tester on dry 1 1/2", 16.67 F.H. D.P., 266' of 6 3/4" O.D. Drill Collars, side-wall anchor tool, three 8" O.D. packers, hydraulic valve, Howco jaws and safety jt. Set between 5848, 5848 and 5875. Sidewall anchor at 5863'. Opened valve 4:05 a.m. for 2 hours then closed for 30 min. shut-in test.

Initial flow decreased in 2 min. to weak for remainder of test. Recovered 2262' inc. in 20' incl, 180' gassy muddy water and 2062' gassy water testing 260 ppm Cl⁻. (and 2700 ppm). Bottom chart indicates bottom packer held o.k.

Chart:

| | TH | IF | FF | SI | FI |
|-------|-----|------|------|------|----|
| 20:16 | 73 | 970 | 2150 | 2791 | |
| 20:43 | 168 | 1000 | 2178 | 2796 | |

6110' - 6190' - Recovered 79'

- 6110' - 6111' Siltstn, gr, dns, hd, strks dk gr sh
- 6111' - 6114' S.S., lt gr, vfg, at top bems fg, sr, below, fw clystn incl, scat blk sph, app wet, perm
- 6114' - 6115' 5" Siltstn
- 6115' - 6118' 3" oil stn, dull gold flsn, pet odor
- 6118' - 6122' 10" Siltstn, gr, dns, v hd, dk gr sh strks
- 6122' - 6123' S.S., tn, f-ng, no flsn, no odor, poss stn, app wet
- 6123' - 6124' Siltstn, dk gr, cly
- 6124' - 6126' S.S., lt brn, f-ng, sr, perm, vel, oil stn, dull gold flsn, pet odor, bems no stn below
- 6126' - 6130' Siltstn, lt gr, mott w/gr grn clystn
- 6130' - 6132' Sh, clystn, gr grn
- 6132' - 6133' Rd brn clystn patches, first occurrence Wasatch
- 6133' - 6135' a.a., w/scat clusters rd brn clystn
- 6135' - 6144' Clstn, red brn, vel, badly washed
- 6144' - 6147' Siltstn, gr-grn, v hd, dns, scat strks dk gr clystn, sh
- 6147' - 6159' 15" abd osts
- 6159' - 6160' Bems abd strks sh, a.a.
- 6160' - 6162' 10" Ost coq
- 6162' - 6166' Sh, clystn, dk gr grn
- 6166' - 6167' Sh, clystn, bems rd brn, vel
- 6167' - 6170' Siltstn, vel, lt gr-gr, dns, v hd, lmy
- 6170' - 6172' Ost coq, colic
- 6172' - 6178' Oil stn in frags
- 6178' - 6181' Siltstn, gr-dk gr, mott, v hd, irreg frags in lams
- 6181' - 6185' 8" S.S., fg, sr, slty, abd ost, oil stn?
- 6185' - 6188' Lost recovery 5' possibly above in clystn sections
- 6188' - 6190'
- 6190' - 6194'

6194' - 6278' - Recovered 74'

- 6194' - 6196' Sh, purple, blk, m sft, slty
- 6196' - 6198' Siltstn, gr, v hd, irreg frags
- 6198' - 6199' Hom Sh, gr, clystn
- 6199' - 6202' Hom mott w/brn rd col
- 6202' - 6206' Siltstn, gr, v hd, a.a.
- 6206' - 6207' Hom mott w/brn red col clystn
- 6207' - 6211' Hom all gr, v hd, a.a.
- 6211' - 6213' Sh, red brn, vel, mott w/gr grn, purple, etc.
- 6213' - 6220' Siltstn, gr, v hd, dns, irreg frags
- 6220' - 6229' Sh, red brn, vel, mott w/purple, gr, & grn
- 6229' - 6230' Siltstn, gr, chky, m hd, dns
- 6230' - 6232' S.S., fg, gr, w/brn stn, scat, m fri, dull gold flsn, extremely penetrating irritating seur odor. (Carbide)
- 6232' - 6237' Siltstn, gr, hd, irreg frags, odor a.a.
- 6237' - 6241' Sh, brn rd, vel w/grn, etc, odor ala.
- 6241' - 6249' Siltstn, gr, hd, v hd, irreg frags
- 6249' - 6253' S.S., purple, brn, fg, even oil stn & dull gold flsn
- 6253' - 6257' Hom spotty stn, patchy siltstn, gr, v hd
- 6257' - 6260' Siltstn, gr, v hd, dns
- 6260' - 6262' Sh, gr grn
- 6262' - 6263' Bems red brn, vel m sft
- 6263' - 6278' No recovery

Run Halliburton Electric Log and Microlog - Caliper. Recorded intervals: Electric Log - 6255' - 6257'; Microlog - 6264' - 2800'.

MARKERS

| | | |
|-----------------|-------|--------------|
| Top Green River | 3167' | (SS / 2310') |
| H Point | 5034' | (SS / 443') |
| K Point | 5712' | (SS - 235') |

Lost and regained circulation after logging.

December 12, 1956.

Attempted test interval 6216 - 6278. No packer seat.

December 13, 1956.

DST #4 Two hour formation test of interval 6255' - 6278', K Sands, Basal Green River.

Run Halliburton Tester on dry 4 1/2", 16.6# F.H. D.P., 266' of 6 3/4" O.D. Drill Collars, 5 3/4" x 23' perf anchor, two 8" packers, hydraulic valve, Howco jars and safety joint. Set packers 6255' and 6248'. Opened valve 7:49 a.m. for 2 hours then closed for 30 min. shut-in test.

Wild blow 5 min. Decreased to weak in 10 min. for remainder of test. Recovered 400' rise, including 45' oil (33.5° API - 105° Four Ps) and 255' oily muddy water testing 5080 ppm Cl⁻ above tools.

Charts:

| | IH | IF | FF | SY | PH |
|-----------|------|----|-----|------|------|
| Top BT | 3060 | 52 | 176 | 1728 | 2992 |
| Bottom BT | 3074 | 88 | 135 | 1737 | 3012 |

Diamond Cored 8 7/8" hole 4 1/2" D.P., 9 ppg mud.

Core #17 - 6282' - 6359' - Recovered 77'

- 6282' - 6290 1/2' Sh, clystn & mudstn, red brn, vol, badly washed
- 6290 1/2' - 6303' Siltstn, gr-lt gr, dns, m hd, sdy, chky
- 6303' - 6304 1/2' Bone mott w/red brn sh (clystn)
- 6304 1/2' - 6309' Sh, clystn & mudstn, red brn, sft, badly washed
- 6309' - 6313' Sh, a.a., m hd, not washed, mott w/gr siltstn
- 6313' - 6320' Siltstn, gr-lt gr, dns, m hd, sdy, tl
- 6320' - 6327' S.S., gr, buff, fg, m hd, tl, carbide odor, lt brn spotty stn
- 6327' - 6339' Bone ng, brn, ova stn, carbide odor, perm, some scat pebs, cgl
- 6339' - 6342' Siltstn, dk gr, mott w/brn red clystn
- 6342' - 6350' Sh, red brn, vol, clystn & mud stn, badly washed as indicated
- 6350' - 6359' Siltstn, gr, v hd, dns

December 15, 1956

PROPERTY: Section 16B

END WASH FIELD

Log and Microlog - Caliper. Recorded interval 6359' - 6265'.

MARKERS

50 minute formation test of interval 6328 - 6359, X Sands, Basal Green River.

Log Liberton Taster on dry 4 1/2", 16.6% F.H. D.P., 266' of 6 3/4" D.C., 5 3/4" X 31' perforated anchor, two 8" packers, hydraulic valve, Howco jars and safety joint. Set packers at 6328' and 6323'. Opened valve 7:58 p.m. for 50 min. then closed for 30 min. shut-in test.

Flow began immediately. Gas to surface in 6 minutes. Flow pitot tube meas - 480 MCF/D @ 10 minutes. Fluid in 20 min. Flowed estimated 250 B/D oily water & 500 MCF/D gas for remainder of test. Fluid cut approximately 95%. Flow sample of water tested 8000 ppm Cl⁻. Shut-in during bleed off after closing valve. Recovered 365' rise, including 100' oily water (approximately 85% cut). Oil appears high gravity and low pour pt, possibly due to naphthenate. Bottom 265' oily water.

Charted

| | IH | IF | FF | SI | FH |
|------------|------|-----|-----|------|------|
| Top 10' | 3015 | 200 | 755 | 2485 | 2920 |
| Bottom 10' | 3010 | 290 | 790 | 2670 | 2940 |

Load down 1/2" drill pipe.

September 16, 1956

Run in 7 1/2" casing at 5200' in two stages.
(Cement in place at 5200')

First Stage: Howco mixed 60 sacks Control mix to 12 1/2 ppg slurry and followed with 100 sacks neat Type I cement mixed to 15 1/2 ppg slurry. 15 minutes mixing and 5 minutes pumping in 19 bbl mud spacer. 15 min. displacing DV opening plug with 210 bbl mud. Pressure dropped 800 psi to 200 psi. Circulation partial only after 40 min. Pumped 10 bbl. through ports and started second stage.

Second Stage: Mixed 175 sacks Control mix to 12 1/2 ppg slurry and followed with 100 sacks neat Type I cement mixed to 15 1/2 ppg. Closure plug ahead last 5 sacks. 45 min. was mixing (truck failed) and 23 minutes displacing. Unable to reciprocate casing after first stage. Cement in place 8:45 p.m.

September 16, 1956.

LOG

1020' 7" O.D. 23# N-80 Rg 3 new Republic seamless casing with 8 rd IHC. Includes Baker Guide Shoe and Baker Differential Floor Collar 2 joints up. Centralizers 5' above shoe and collars approximately 5655', 5155' and 5070'. Scratchers 5155 - 5164'. Howco DV collar at 5200'.

120 jts. or 4787' 7" O.D. 23# J-55 Rg 3 new National seamless with 8 rd IHC.

144 jts. or 5815'

15'

5800'

LOG

19 tons tension 15' below K.B. leaving 5785' of casing cemented at 5200' (5200' at 5200')

located top annular cement at 3750'.

52 hours. Made up 2 7/8" tubing.

D.V. cement 5180' - 5205'. D.O. cement 5678' - 5730'.

8.8 ppg oil base mud.

1936.

Gamma Ray Collar Locator Log.

5730 - 4900'. Showed DV collar at 5202' (casing measurement 5200').

following intervals with 3 jets and 4 bullets per foot using collars

| Collar Depth | Gamma Ray Depth | Core Depth |
|--------------|-----------------|-------------|
| 5181 - 5181 | 5665 - 5693 | 5666 - 5694 |
| 5136 - 5136 | 5136 - 5150 | 5137 - 5151 |
| 5106 - 5106 | 5106 - 5132 | 5107 - 5133 |

1936.

5730'

5660' - 5688')

Set Full Bore Retrivable Cementer on 2 7/8" tubing. Spotted 2 barrels of Burner... Pressured annulus to 1000 psi. Halliburton broke down formation with 2500 psi. Pumped 24 1/2 barrels Rangely crude in 5 minutes. Followed with 125 barrels B.F. #5... Injected 135 plug-off balls after 100 barrels of sand oil... Shut in after 15 min, bleeding for additional 45 minutes. Then flowed for 3 hours steady rate until formation crude appeared. (65 barrels... Special packer bypass and bled tubing to dead in 30 minutes.

December 22, 1956.

5134' - 5148' and 5104' - 5130')

Set Full Bore Retrivable Bridge Plug and Full Bore Retrivable Cementer. Set bridge plug 5172'.... Pressured annulus to 1000 psi. Break... Halliburton pumped in 30 barrels Rangely crude. Followed with 185... After 1 hour shut-in bled 1 1/2 hours constant flow... Found sand fill over bridge plug. Reran and recovered bridge plug.

December 23, 1956.

2 7/8" tubing at 5619'

| | | | |
|----------|----|-------|---|
| 100 lbs. | or | 31' | 2 7/8" UE 6.5# J-55 Range 2 perforated stringer with orange peeled end. 8 rd T&C. |
| 100 lbs. | or | 5575' | 2 1/2" UE 6.5# J-55 Range 2 & 3 8 rd T&C. PSI #16625 (Axelson 2 1/2 / 45) at 5557' below K.B. |
| 100 lbs. | or | 5606' | |
| | | 13' | |
| Run | | 5619' | |

After producing back 165 barrels switched flow to... Produced total 942 barrels gross to formation crude tank with approx... Produced 192 barrels gross with 35-40% water cut.

Shut well in.

December 25, 1956.

December 25, 1956.

Equipment moved out.

W. E. WHITNEY

O+G CC

13

RE-COMPLETION

REPORT

STANDARD OIL COMPANY OF CALIFORNIA

FIELD: Red Wash

PROPERTY: Section 18B

WELL NO: 14-18B (52)

Sec. 18 T. 7 S. R. 23 E. S. 1 & 2. L&B. & M.

Following is complete and correct record of all work done on the well since the previous record dated 1-9-57

PURPOSE OF WORK: To exclude water.

DATE OF REPORT: December 28, 1959

BY: *[Signature]* 2/1/60
C. V. CHATTERTON
Supt., Manager, Producing Department

WORK DONE BY: R & R Well Service

COMMENCED OPERATIONS: 3-13-59

COMPLETED OPERATIONS: 3-25-59

DATE WELL LAST PRODUCED: 3-12-59

DATE RETURNED TO PRODUCTION: 3-26-59

PRODUCTION:

PRIOR TO WORK

AFTER WORK

| | | | | |
|-------------------------------|------|-----------------|------|-------|
| Oil | 59 | B/D | 227 | B/D |
| Water | 34 | B/D | 13 | B/D |
| Gas | 13 | Mcf/D | 165 | Mcf/D |
| Gravity | 28.5 | °API | 28.5 | °API |
| Tubing | 50 | PSIG | 200 | PSIG |
| Casing | 15 | PSIG | 400 | PSIG |
| Method of Production: Pumping | X | | X | |
| Flowing | | | | |
| Gas Lift | | | | |

S U M M A R Y

T. D. 6359'

Effective Depth 5730'

Casing: 7", 23#, J-55, N-80 cemented 5800'
C.P. # 5201'

Perforations: 5104-5130) sealed with
5134-5148) cement &
excluded.
5660-5688

WELL NO: 14-18B (52)

PROPERTY: Section 18B

RED WASH FIELD

HISTORY

Subject well 14-18B (52) was completed in December 1956, for an IP of 106 B/D oil, 48 B/D water and 39 MCF/D. By January 1958 water production had increased to 112 B/D, and by February 1959 was producing 225 B/D water.

It is proposed to re-enter subject well and exclude water and also increase oil production by 50 B/D.

PROGRAM

1. Move in workover rig, circulate well with water, pull rods and tubing.
 - a. If heavy waxing condition is indicated, run scraper before proceeding with step 2.
2. Run straddle tester on tubing, straddle perf'd interval 5660-5688' and swab test to determine:
 - a. That high head water entry is not from this zone.
 - b. Zone has adequate productivity without additional stimulation. If additional stimulation is indicated it will be carried out at a later stage in the program.
3. Set tester to straddle HOWCO DV collar at 5200', swab fluid down and establish that collar is not leaking.
4. If no high head water is encountered from the lower perforations (5660-5680') or from the DV collar, set drillable bridge plug about 5170' and magnesium Model K retainer at 5070' and squeeze perforated intervals 5104-5130' and 5134-5148' with cement.
 - a. Have 150 sax cement on hand.
 - b. Use hesitation squeeze. If satisfactory pressure build up is not obtained displace cement beyond perforations, pull out of retainer, stand 4 hours, stab back into retainer and repeat squeeze job.
5. Drill out retainer and cement to 5160', and pressure test with max. rig pump pressure. Drill out remaining cement and bridge plug and clean out to 5730'.
6. If deemed necessary, sand-oil squeeze perforated interval 5660-5668'.
7. Rerun tubing as before and return well to production.

WORK DONE

March 13, 1959

R & R Well Service moved in and rigged up.
Displaced well with 260 bbls Rangely crude.

March 14, 1959

Pulled rods. Installed BOP

WELL NO: 14-18B (52)

PROPERTY: Section 18B

RED WASH FIELD

March 15, 1959

Finished pulling tubing.

Ran paraffin scraper and scrapped to bottom and circulated out paraffin.

March 16, 1959

Ran mill shoe and plugged tubing with paraffin. Finally circulated well clean.

March 17, 1959

Set straddle packers at 5654 and 5694.

Rigged up and swabbed interval 5660-5688.

Swabbed burner fuel and Rangely crude with fluid level at 300'.

March 18, 1959

Swab testing zone 5660-5688', packers set @ 5654 and 5694 (Halliburton straddle packers made 46 swab runs to 1800', fluid level standing @ 1000'). Swabbed oil and water for 31 runs, approximately 139 bbls. Made 15 runs believed to be mostly Red Wash Crude and a small amount of water. First fluid believed to have been a blend of Red Wash crude and Rangely crude. Total swabbed and flowed 240 bbls.

March 19, 1959

Well flowed @ est. 80 BOPD for 3 hrs. oil Red Wash crude. Zone 5660-5688'. Moved straddle packers up hole and tested DV collar @ 5200'. Made swab run after 30 min., pulled dry. Ran swab to 5150'.

March 20, 1959

Pulled straddle packers, set Model K Bridge plug @ 5171' and retrievable retainer @ 5072'. Halliburton squeezed away 150 sx regular cement by hesitation method. Final press. 3500 PSI. Zone squeezed 5104-5130 and 5134-5148'.

March 21, 1959

Located top of cement at 5057'. Drld. out cement to 5099'.

March 22, 1959

Drilled out cement from 5099 to 5114'.

Circulated 1/2 hr. on bottom and shut well in for night.

March 23, 1959

Drilled out hard cement from 5114 to 5161.

Tested cement scab 5104-5148 w/1400 PSI pressure for 30 min. No bleed off. Scab holding okay.

March 24, 1959

Drilled out cement and Model K Bridge plug and cleaned out to 5730'.

Landed 2 1/2" tub @ 5599'

Detail:

Bottom 1 jt. 30.96' 2 1/2" EUE perf'd gas anchor

Next 10.00' 2 1/2" EUE pup jt

Next 1.00' PSN

Next 179 jts. 5543.85' 2 1/2" EUE 6.5# J-55 tog.

Top 12.58' KB to tog head

Landed 5598.66'

Tore out BOP

WELL NO: 11-18B (52)

PROPERTY: Section 18B

RED WASH FIELD

March 25, 1959

Ran rods and pump

Detail:

AX Pump #45 - 3 top Cup

134 - 3/4 x 25' rods

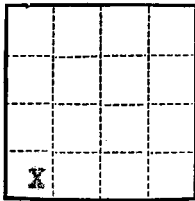
87 - 7/8 x 25' rods

1 - 8' x 7/8" sub

2 - 2' x 7/8" sub

1 - 22' x 1 1/4 Poney rod.

Crew released.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City

Lease No. U-0116

Unit Red Wash

SUNDRY NOTICES AND REPORTS ON WELLS

| | | | |
|--|---|--|--|
| NOTICE OF INTENTION TO DRILL | | SUBSEQUENT REPORT OF WATER SHUT-OFF | |
| NOTICE OF INTENTION TO CHANGE PLANS | | SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING | |
| NOTICE OF INTENTION TO TEST WATER SHUT-OFF | | SUBSEQUENT REPORT OF ALTERING CASING | |
| NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL | X | SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR | |
| NOTICE OF INTENTION TO SHOOT OR ACIDIZE | | SUBSEQUENT REPORT OF ABANDONMENT | |
| NOTICE OF INTENTION TO PULL OR ALTER CASING | | SUPPLEMENTARY WELL HISTORY | |
| NOTICE OF INTENTION TO ABANDON WELL | | | |
| Notice to Exclude Water | X | | |

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Vernal, Utah March 10, 1959

Well No. 14-18B is located 560 ft. from X60N line and 592 ft. from X60W line of sec. 18

SW 1/4 SW 1/4 18 7S 23E 113M
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Red Wash Uintah Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5430 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

1. Move in, circulate with water, pull tubing & rods.
2. Run straddle tester, straddle perforated interval 5660-5688' & swab test to determine:
 - a. High head water entry is not from this zone.
 - b. Zone has adequate productivity without additional stimulation.
3. Set tester to straddle HOWCO DV collar @ 5200' to determine that collar not leaking.
4. Set drillable BP at approximately 5170' and magnesium retainer @ 5070' and squeeze perforated interval 5104-5130' & 5134-5148' with cement.
5. Drill out retainer and cement to 5160' & pressure test. Drill out remaining cement and bridge plug and clean out to 5730'.
6. If required, sand oil squeeze perforated interval 5660-5668'.
7. Run tubing & rods and return to production.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Standard Oil Company of California, Western Operations, Inc.

Address P. O. Box 455

Vernal, Utah

By C. V. Chatterton

Title District Superintendent

USGS-3; O&GCC-1; Gulf-1; Caulkins-1;
CWG-1; File-1.



CALIFORNIA OIL COMPANY

WESTERN DIVISION
P. O. BOX 455 • VERNAL, UTAH

July 3, 1961

The State of Utah
Oil & Gas Conservation Commission
310 Newhouse Building
10 Exchange Place
Salt Lake City, Utah

Gentlemen:

Enclosed is one copy each of the Electrical Log and
Microlog of the following wells as you requested by letter
dated June 14, 1961:

Red Wash #52 (14-18B)
Sec. 18 - 7S - 23E

Red Wash #54 (43-14A)
Sec. 14 - 7S - 22E

Red Wash #55 (41-21A)
Sec. 21 - 7S - 22E

Sincerely yours,

CALIFORNIA OIL COMPANY

R. L. Green
R. L. GREEN
Division Superintendent

RLG:cc

CC: File

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR
P.O. Box 599, Denver, CO 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1980' FNL & 623' FWL (SWNW)
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| | | | |
|--------------------------|--------------------------|-----------------------|-------------------------------------|
| REQUEST FOR APPROVAL TO: | | SUBSEQUENT REPORT OF: | |
| TEST WATER SHUT-OFF | <input type="checkbox"/> | | <input type="checkbox"/> |
| FRACTURE TREAT | <input type="checkbox"/> | | <input type="checkbox"/> |
| SHOOT OR ACIDIZE | <input type="checkbox"/> | | <input checked="" type="checkbox"/> |
| REPAIR WELL | <input type="checkbox"/> | | <input type="checkbox"/> |
| PULL OR ALTER CASING | <input type="checkbox"/> | | <input type="checkbox"/> |
| MULTIPLE COMPLETE | <input type="checkbox"/> | | <input type="checkbox"/> |
| CHANGE ZONES | <input type="checkbox"/> | | <input type="checkbox"/> |
| ABANDON* | <input type="checkbox"/> | | <input type="checkbox"/> |
| (other) | | | |

5. LEASE
U-02030

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Red Wash

8. FARM OR LEASE NAME

9. WELL NO.
127 (12-19B)

10. FIELD OR WILDCAT NAME
Red Wash

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 19, T7S

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
KB 5439

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*
This well was acidized as follows:

1. MIRU, POOH W/TBG, PMP & RODS.
2. MADE RUN W/BIT & SCRAPER. C/O 5680-5700'.
3. ACIDIZED PERFS 5658-86' & 5573-98' w/15% HCL. SWB & TSTD PERFS. POOH W/PKR & RBP
4. RIH W/PROD. STRING., ND BOPE, NU TREE.
5. RD & M.O.L.

3-USGS
2-State
3-Partner
1-Field
Foreman
1-Sec. 723
1-File

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Erin M. Leonard TITLE Engineering Asst. DATE April 6, 1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

WELL NAME RWU 127 (12-19B)

FIELD NAME Red Wash

COMPLETED TREATMENT PROCEDURE

1. Size and type of treatment: 15% HCL (4600 gals)
2. Intervals treated: 5658-86', 5573-98'
3. Treatment down casing or tubing: Tbg.
4. Methods used to localize effects: Benzoic acid flakes.
5. Disposal of treating fluid: Spent acid was swbd to frac tank.
6. Depth to which well was cleaned out: 5700'
7. Date of work: 11-20-81
8. Company who performed work: HOWCO
9. Production interval: 5658-5573
10. Status and production before treatment:

| <u>Date</u> | <u>BOPD</u> | <u>MCFD</u> | <u>BWPD</u> |
|-------------|--------------|-------------|-------------|
| 4/65 | WELL SHUT IN | | |

11. Status and production after treatment:

| <u>Date</u> | <u>BOPD</u> | <u>MCFD</u> | <u>BWPD</u> |
|-------------|-------------|-------------|-------------|
| 10/81 | 13 | | 25 |

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR
P.O. Box 599, Denver, CO

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 660' FSL & 592' FWL
AT TOP PROD. INTERVAL: (SWSW)
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

5. LEASE
U-0116

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Red Wash

8. FARM OR LEASE NAME

9. WELL NO.
52 (14-18B)

10. FIELD OR WILDCAT NAME
Red Wash

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 18, T17S, R23E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

PULL OR ALTER CASING

MULTIPLE COMPLETE

CHANGE ZONES

ABANDON*

(other)

SUBSEQUENT REPORT OF

RECEIVED

APR 14 1982

NOTE: Report results of multiple completion or zone change on Form 9-330.)

DIVISION OF
OIL, GAS & MINING

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This well was acidized as follows:

- MIRU, hot oil csg. & tbg, POOH w/rods & tbg. Made run with bit & scraper. C/O to 5730' RIH w/Pkr.
- Perfed 5104-30 & 5134-48 w/2 spf. Breakdown perfs w/2% KCL., SWBD Perfs.
- Acidize Perfs 5660-88'.
- Swb. & tested Perfs. POOH w/Pkr.
- RIH w/prod. string, ND BOPE, NU TREE.
- RIH w/pump & rods, RD MOL.

- 3 - USGS
- 2 - State
- 3 - Partners
- 1 - Field Foreman
- 1 - Sec. 723
- 1 - File

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Ernest M. Leonard TITLE Engineer Asst. DATE January 27, 1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

WELL NAME RWU 52(14-18B)

FIELD NAME Red Wash Unit

COMPLETED TREATMENT PROCEDURE

1. Size and type of treatment: 4000 gals. 15% HCL
2. Intervals treated: 5660-88'
3. Treatment down casing or tubing: TBG
4. Methods used to localize effects: Ball sealers were used as diverting agents.
5. Disposal of treating fluid: Spent acid was swbd. back to frac tanks.
6. Depth to which well was cleaned out: 5730
7. Date of work: 12-15-81
8. Company who performed work: HOWCO
9. Production interval: 5104-5148 5660-88
10. Status and production before treatment:

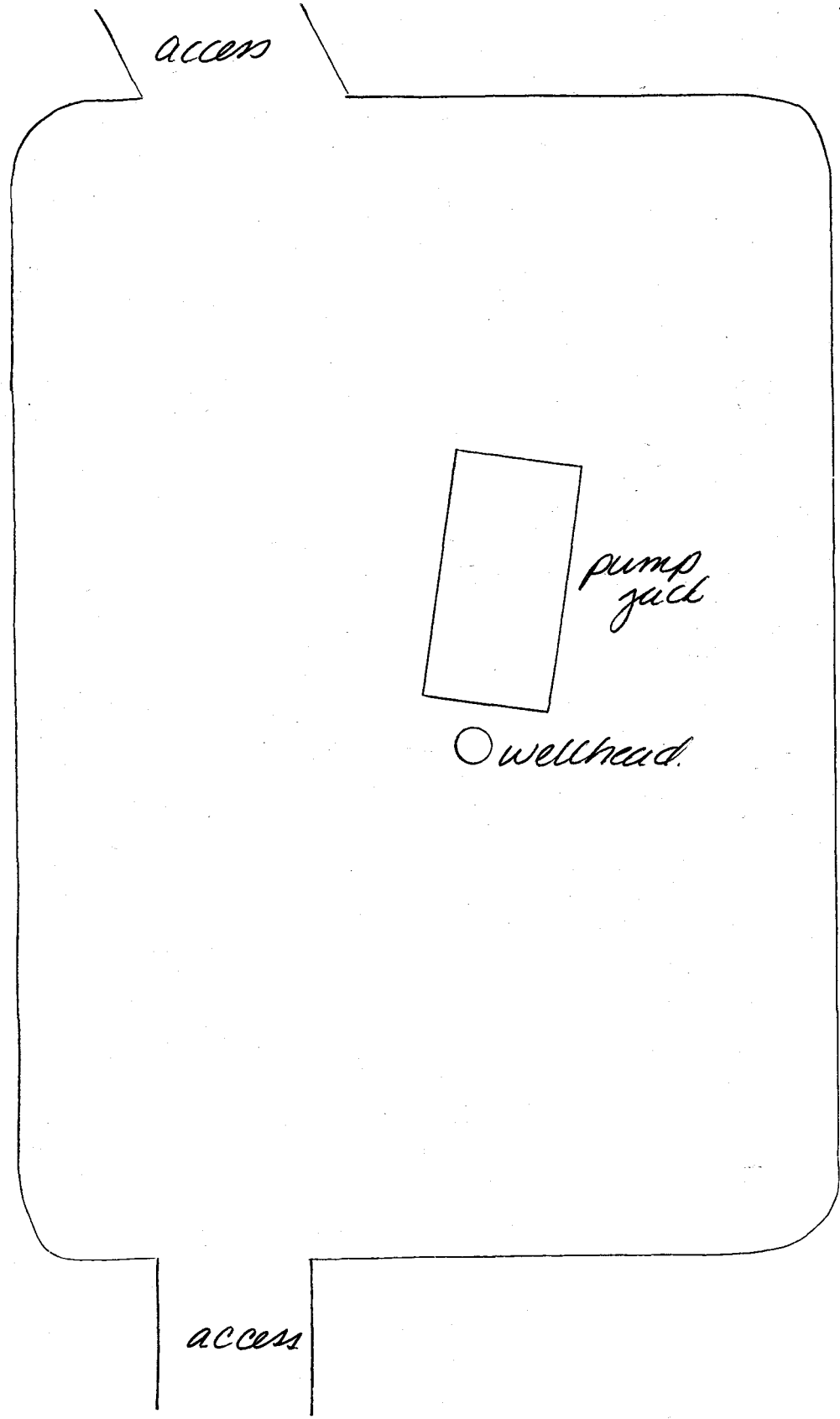
| <u>Date</u> | <u>BOPD</u> | <u>MCFD</u> | <u>BWPD</u> |
|-------------|-------------|-------------|-------------|
|-------------|-------------|-------------|-------------|

Well Shut-In since 12/65

11. Status and production after treatment:

| <u>Date</u> | <u>BOPD</u> | <u>MCFD</u> | <u>BWPD</u> |
|-------------|-------------|-------------|-------------|
| 2-82 | 465 | 464 | 420 |

RWU 52 14-18B Sec 18, 730, 23E Chubly 14-0688



access

pump
jack

○ wellhead

access

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Gas
 Well Well Other

2. Name of Operator

Chevron U.S.A. Inc.

3. Address and Telephone No.

P.O. Box 599, Denver, CO 80201 (303) 930-3691

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FSL, 592' FWL
Section 18, T17S-R23E
07

5. Lease Designation and Serial No.

U-0116

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Red Wash

8. Well Name and No.

52 (14-18B)

9. API Well No.

43-047-15178

10. Field and Pool, or Exploratory Area

Red Wash

11. County or Parish, State

Uintah, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other Shut In
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

~~As of 9/1/91 the subject well is shut in.~~

RECEIVED

SEP 19 1991

DIVISION OF
OIL GAS & MINING

3-BLM
3-State
1-JRB
1-Well File
1-JLW
1-REK
1-Sec 724R
1-COS
2-Partners

14. I hereby certify that the foregoing is true and correct

Signed [Signature] Title Permit Specialist Date 9/13/91

(This space for Federal or State office use)

Approved by: _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Gas
 Well Well Other

2. Name of Operator

CHEVRON U.S.A. PRODUCTION CO.

3. Address and Telephone No.

P.O. BOX 599, DENVER, CO. 80201 (303) 930-3691

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660 FSL, 592 FWL, SEC. 18, T7S, R23E

5. Lease Designation and Serial No.
U - 0116

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
RED WASH

8. Well Name and No.
52(14-18B)

9. API Well No.
43-047-44178 15178

10. Field and Pool, or Exploratory Area
RED WASH - GRN. RIVER

11. County or Parish, State
UINTAH, UTAH

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other STATUS
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

THIS WELL IS SHUT IN WHILE UPGRADING WELL TEST FACILITIES. WE WILL RE-EVALUATE STATUS AFTER WELL TEST FACILITIES UPGRADES HAVE BEEN COMPLETED.

- 3 - BLM
- 3 - STATE
- 1 - JTC
- 1 - WELL FILE
- 1 - JLW

RECEIVED

APR 15 1992

DIVISION OF
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed J. L. Wilson Title PERMIT SPECIALIST Date 4/6/92

(This space for Federal or State office use)

Approved by: _____ Title _____ Date _____

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
Oil Gas
 Well Well Other

2. Name of Operator
Chevron U.S.A. Inc.

3. Address and Telephone No.
P.O. Box 455, Vernal, Utah 84078 (801) 789-2442

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
660 FSL, 592 FWL, SEC. 18, T7S, R23E

5. Lease Designation and Serial No.
U-0116

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
Red Wash Unit

8. Well Name and No.
RWU #52 (14-18B)

9. API Well No. **15178**
43-047-14179

10. Field and Pool, or Exploratory Area
Red Wash-Grn. River

11. County or Parish, State
Uintah, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION |
|---|--|
| <input type="checkbox"/> Notice of Intent | <input type="checkbox"/> Abandonment |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Plugging Back |
| | <input type="checkbox"/> Casing Repair |
| | <input type="checkbox"/> Altering Casing |
| | <input checked="" type="checkbox"/> Other _____ |
| | <input type="checkbox"/> Change of Plans |
| | <input type="checkbox"/> New Construction |
| | <input type="checkbox"/> Non-Routine Fracturing |
| | <input type="checkbox"/> Water Shut-Off |
| | <input type="checkbox"/> Conversion to Injection |
| | <input type="checkbox"/> Dispose Water |

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Well test facility upgrades were completed in 1992. We plan to re-evaluate this shut-in production well during 1993.

RECEIVED

FEB 18 1993

DIVISION OF
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed

Diana Hough

Title

Oper. Assistant

Date

02/10/93

(This space for Federal or State office use)

Approved by:

Title

Date

Conditions of approval, if any:



Chevron U.S.A. Inc.

P.O. Box 455, Vernal, UT 84078 • Phone (801) 789-2442

FEBRUARY 15, 1993

**ANNUAL REPORT OF
SHUT-IN WELLS
WONSITS VALLEY STATE/FEDERAL UNIT
UINTAH COUNTY, UTAH**

**BUREAU OF LAND MANAGEMENT
170 SOUTH 500 EAST
VERNAL, UT 84078**

GENTLEMEN:

Enclosed, please find the annual report of shut-in wells in Red Wash Unit. If you have any questions, please call the above address.

Sincerely,

**J.T. CONLEY
AREA OPERATIONS SUPERVISOR**

sdm
Enclosures

cc: State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

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FEB 18 1993

**DIVISION OF
OIL GAS & MINING**



Chevron U.S.A. Inc.

P.O. Box 455, Vernal, UT 84078 • Phone (801) 789-2442

FEBRUARY 15, 1993

ANNUAL REPORT OF
SHUT-IN WELLS
RED WASH UNIT
UINTAH COUNTY, UTAH

BUREAU OF LAND MANAGEMENT
170 SOUTH 500 EAST
VERNAL, UT 84078

GENTLEMEN:

Enclosed, please find the annual report of shut-in wells in Red Wash Unit. If you have any questions, please call the above address.

Sincerely,

J.T. CONLEY
AREA OPERATIONS SUPERVISOR

sdm
Enclosures

cc: State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

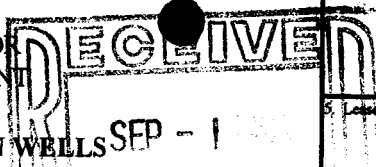
Buttram Energies, Inc.
6303 Waterford Boulevard, Suite 220
Oklahoma City, OK 73116

RECEIVED

FEB 18 1993

DIVISION OF
OIL GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT--" for such proposals

5. Lease Designation and Serial No.

U-0116

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

RED WASH UNIT

8. Well Name and No.

RWU #52 (14-18B)

9. API Well No.

43-047-15178

10. Field and Pool, or Exploratory Area

RED WASH-GRN. RIVER

11. County or Parish, State

UINTAH, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Gas

Well Well Other

2. Name of Operator

CHEVRON U.S.A. PRODUCTION COMPANY

3. Address and Telephone No.

11002 EAST 17500 SOUTH, VERNAL, UT 84078-8526 (801) 781-4302

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FSL, 592' FWL, Sec. 18, T7S/R23E

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION |
|--|--|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Abandonment |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Plugging Back |
| | <input type="checkbox"/> Casing Repair |
| | <input type="checkbox"/> Altering Casing |
| | <input checked="" type="checkbox"/> Other <u>Well Status</u> |
| | <input type="checkbox"/> Change of Plans |
| | <input type="checkbox"/> New Construction |
| | <input type="checkbox"/> Non-Routine Fracturing |
| | <input type="checkbox"/> Water Shut-Off |
| | <input type="checkbox"/> Conversion to Injection |
| | <input type="checkbox"/> Dispose Water |

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

TA approval is requested for this well, pending evaluation of continued oil production potential, gas recompletion potential or conversion to a secondary use.

14. I hereby certify that the foregoing is true and correct.
Signed

Chana Haugh

Title **Operations Assistant**

Date **08/25/94**

(This space for Federal or State office use)

Approved by:

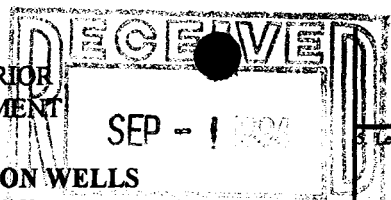
Title

Date

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



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9. API Well No.
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11. County or Parish, State
UINTAH, UTAH

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| | <input type="checkbox"/> Change of Plans |
| | <input type="checkbox"/> New Construction |
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| | <input type="checkbox"/> Conversion to Injection |
| | <input type="checkbox"/> Dispose Water |

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

TA approval is requested for this well, pending evaluation of continued oil production potential, gas recompletion potential or conversion to a secondary use.

14. I hereby certify that the foregoing is true and correct.
 Signed Charmie Hough Title Operations Assistant Date 08/25/94

(This space for Federal or State office use)
 Approved by: _____ Title _____ Date _____
 Conditions of approval, if any _____

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
SEP 27 1995
DIV. OF OIL, GAS & MINING

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

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8. Well Name and No.
RED WASH UNIT 52 (14-18B)

9. API Well No.
43-047-15178

10. Field and Pool, or Exploratory Area
RED WASH - GREEN RIVER

11. County or Parish, State
UINTAH, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well
Oil Gas
 Well Well Other

2. Name of Operator
CHEVRON U.S.A. PRODUCTION COMPANY

3. Address and Telephone No. **Steve McPherson in Red Wash (801) 781-4310**
11002 E. 17500 S. VERNAL, UT 84078-8526 or **Gary Scott in Rangely, CO. (970) 675-3791**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
660' FSL & 592' FWL (SWSW) SECTION 18, T7S, R23E, SLBM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION |
|--|--|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Abandonment |
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| | <input type="checkbox"/> Casing Repair |
| | <input type="checkbox"/> Altering Casing |
| | <input type="checkbox"/> Other _____ |
| | <input type="checkbox"/> Change of Plans |
| | <input type="checkbox"/> New Construction |
| | <input type="checkbox"/> Non-Routine Fracturing |
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WE ARE REQUESTING AN EXTENSION OF THE TEMPORARILY ABANDONED STATUS OF THIS WELL.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

14. I hereby certify that the foregoing is true and correct.
Signed G.D. SCOTT *G.D. Scott* Title DRILLING TECHNICIAN Date September 26, 1995

(This space for Federal or State office use)

Approved by: _____ Title _____ Date _____

Conditions of approval, if any _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

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5. Lease Designation and Serial No.
U-0116

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA, Agreement Designation
RED WASH UNIT

8. Well Name and No.
Red Wash Unit 52 (14-18B)

9. API Well No.
43-047-15178

10. Field and Pool, or Exploratory Area
RED WASH - GREEN RIVER

11. County or Parish, State
UINTAH, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well
Oil Gas
 Well Well Other

2. Name of Operator
CHEVRON U.S.A. PRODUCTION COMPANY

3. Address and Telephone No.
11002 E. 17500 S. VERNAL, UT 84078-8526 **Steve McPherson in Red Wash (801) 781-4310**
or Gary Scott in Rangely, CO. (970) 675-3791

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
660' FSL & 592' FWL (SW SW) SECTION 18, T7S, R23E, SLBM

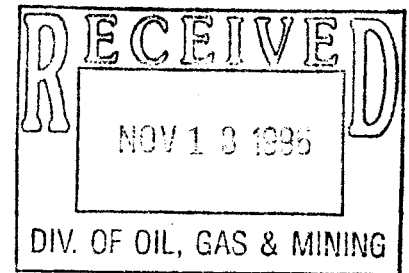
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION |
|--|--|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Abandonment |
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| | <input type="checkbox"/> Casing Repair |
| | <input type="checkbox"/> Altering Casing |
| | <input checked="" type="checkbox"/> Other <u>TA STATUS OF WELL</u> |
| | <input type="checkbox"/> Change of Plans |
| | <input type="checkbox"/> New Construction |
| | <input type="checkbox"/> Non-Routine Fracturing |
| | <input type="checkbox"/> Water Shut-Off |
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CHEVRON IS REQUESTING TA APPROVAL ON THE ABOVE WELL. THIS WELL MAY BE NEEDED IN A POSSIBLE WATER FLOOD REALIGNMENT. A UIC PERMIT APPLICATION HAS BEEN SUBMITTED TO CONVERT THIS WELL TO A CLASS II (ER) WATER INJECTOR.



14. I hereby certify that the foregoing is true and correct.
Signed G.D. SCOTT *G.D. Scott* Title DRILLING TECHNICIAN Date November 5, 1996

(This space for Federal or State office use)

Approved by: _____ Title _____ Date _____

Conditions of approval, if any _____

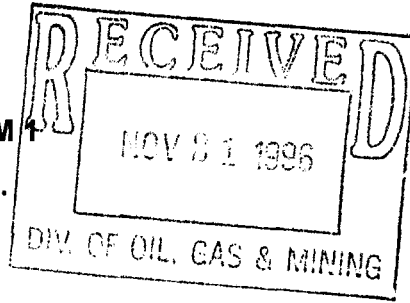
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

1936

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM

OPERATOR: **CHEVRON USA PRODUCTION CO., INC.**
ADDRESS: **11002 EAST 17500 SOUTH**
VERNAL, UT 84078-8526
(801) 781-4300



| | |
|-----------------------|------------------------------------|
| WELL NAME AND NUMBER: | RED WASH UNIT #52 (14-18B) |
| FIELD OR UNIT NAME: | RED WASH UNIT |
| WELL LOCATION: | SWSW-SEC. 18-T7S-R23E, SLBM |

Is this application for expansion of an existing project? Yes No

Will the proposed well be used for:

| | | |
|--------------------|---|--|
| Enhanced Recovery? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| Disposal? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Storage? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

Is this application for a new well to be drilled? Yes No

If this application is for an existing well,

| | | |
|---|--|--|
| has a casing test been performed on the well? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Date of test: | Other than routine workover tests, none | |
| API Number: | 43-047-15178 | |

Proposed Injection Interval: from 5629' to 5714'

Proposed maximum injection: Rate 1000 Pressure 1936 psig

Proposed injection zone contains oil, gas and/or fresh water within 1/2 mile of the well.

IMPORTANT: Additional information as required by R649-5-2 should accompany this form.

List of Attachments: Area UIC Permit Application package as submitted to United States Environmental Protection Agency.

I certify that this report is true and complete to the best of my knowledge.

| | | | |
|-----------|-----------------------------------|-----------|----------------------------|
| Name: | <u>J. T. Conley</u> | Signature | <u><i>J. T. Conley</i></u> |
| Title: | <u>Red Wash Asset Team Leader</u> | Date | <u>11-20-96</u> |
| Phone No. | <u>(801)781-4301</u> | | |

(State use only)

Application approved by _____ Title _____

Approval Date _____

| | | |
|-------------------------|---|--------------------|
| Form 4 UIC | UNITED STATES ENVIRONMENTAL PROTECTION AGENCY UNDERGROUND INJECTION CONTROL PERMIT APPLICATION <i>(Collected under the authority of the Safe Drinking Water Act, Section 1421, 1422. 40 CFR 144)</i> | I. EP. NUMBER U |
|-------------------------|---|--------------------|

READ ATTACHED INSTRUCTION BEFORE STARTING FOR OFFICAL USE ONLY

| | | | |
|-------------------------------------|------------------------------|----------------------|----------|
| Application approved mo day year | Date Received mo day year | Permit / Well Number | Comments |
| | | | |

| | | | | | |
|---|---|-------------------------------|-----------------------|--------------------|-------------------------------|
| II. NAME AND ADDRESS OF FACILITY | III. OWNER / OPERATOR AND ADDRESS | | | | |
| Facility Name Red Wash Unit #52 | Owner / Operator Name Chevron U.S.A. Production Company | | | | |
| Street Address 11002 East 17500 South | Street Address 11002 East 17500 South | | | | |
| City Vernal | State UT | ZIP Code 84078-8526 | City Vernal | State UT | ZIP Code 84078-8526 |

| | |
|--|--------------|
| IV OWNERSHIP STATUS (Mark 'x') | V. SIC CODES |
| <input checked="" type="checkbox"/> A. Federal <input type="checkbox"/> B. State <input type="checkbox"/> C. Private <input type="checkbox"/> D. Public <input type="checkbox"/> E. Other (Explain) | 1311 |

| | | | |
|--|-----------------------------|---|--------------------------------------|
| VI. WELL STATUS (Mark 'x') | | | |
| <input checked="" type="checkbox"/> A. Operating | Date Started mo day year | <input checked="" type="checkbox"/> B. Modification / Conversion | <input type="checkbox"/> C. Proposed |
| | | Changing from oil production well to enhanced recovery injection well | |

| | | | |
|--|----------------------------------|--------------------------------------|---|
| VII. TYPE OF PERMIT REQUESTED (Mark 'x' and specify if required) | | | |
| <input checked="" type="checkbox"/> A. Individual | <input type="checkbox"/> B. Area | Number of Existing wells 1 | Number of Proposed wells 1 |
| | | | Name(s) of field(s) or project(s) Red Wash Unit #52 |

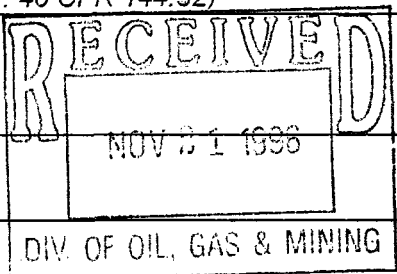
| | | | |
|---|--------------------------------------|---|--|
| VII. CLASS AND TYPE OF WELL (see reverse) | | | |
| A. Class(es) <i>(enter code(s))</i> | B. Type(s) <i>(enter code(s))</i> | C. If class is "other" or type is code 'x', explain | D. Number of wells per type (if area permit) |
| II | ER | | |

| | | | | | | | | | | | | | | |
|---|-----|-----|--------------|-----|-----|--------------------|------------|-----------|-------------|------------|------------|----------------------------|------------|---|
| IX. LOCATION OF WELL(S) OR APPROXIMATE CENTER OF FIELD OR PROJECT | | | | | | | | | | | | X. INDIAN LANDS (Mark 'x') | | |
| A. Latitude | | | B. Longitude | | | Township and Range | | | | | | | | |
| Deg | Min | Sec | Deg | Min | Sec | Twsp | Range | Sec | ¼ Sec | Feet from | Line | Feet from | Line | <input checked="" type="checkbox"/> A. Yes <input type="checkbox"/> B. No |
| | | | | | | 7S | 23E | 18 | SWSW | 660 | FSL | 592 | FWL | |

| | |
|---|--|
| XI. ATTACHMENTS | |
| (Complete the following questions on a separate sheet(s) and number accordingly; see instructions) FOR CLASSES I, II, III (and other classes) complete and submit on separate sheet(s) Attachments A - U (pp 2-6) as appropriate. Attach maps where required. List attachments by letter which are applicable and are included with your application: A, B, C, E, G, H, I, J, K, L, M, O, P, Q, R, S, T, U | |

| | |
|---|--|
| XII. CERTIFICATION | |
| I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32) | |

| | |
|--|--|
| A. Name and Title (Type or Print) John T Conley Red Wash Asset Team Leader | B. Phone No. (Area Code and No) (801) 781-4300 |
| C. Signature | D. Date Signed 10-29-96 |



UNDERGROUND INJECTION CONTROL
PERMIT APPLICATION
CLASS II ENHANCED RECOVERY WELL

RWU #52
SWSW-S18-T7S-R23E

RED WASH UNIT
UINTAH COUNTY, UTAH

A. AREA OF REVIEW METHOD:

The Area of Review (AOR) is a fixed radius 0.25 mile from the well.

B. MAPS OF WELLS/AREA AND AREA OF REVIEW:

Attachment B is a topographic map showing the AOR for RWU #52.

C. CORRECTIVE ACTION PLAN AND WELL DATA:

RWU #52: Attachment C contains all pertinent information on the well. No corrective action is required.

The AOR contains no other wells.

D. MAPS AND CROSS SECTIONS OF USDWs:

Does not apply to Class II wells.

E. NAME AND DEPTH OF USDWs (CLASS II):

There are no known USDW's and no water supply wells within the AOR. Depths to formation tops and geologic markers are as follows for wells in the AOR:

| FORMATION OR MARKER | RWU #52 |
|------------------------|---------|
| Uinta Formation | Surface |
| Green River Formation | 3115' |

RWU #52 UIC PERMIT APPLICATION

| FORMATION OR MARKER | RWU #52 |
|--------------------------------|----------------|
| Oil Shale Top | 3865' |
| Oil Shale Base | 3885' |
| Target Injection Interval | 5629-5714' |
| Wasatch Formation | 6188' |

In the AOR, State of Utah Department of Natural Resources Technical Report #92 (USGS Open File Report 87-394), titled "BASE OF MODERATELY SALINE GROUND WATER IN THE UINTA BASIN, UTAH", it is indicated that USDW's in the area of RWU #52 are at sea level. This places the USDW's in the Green River Formation. The Green River Formation is classified by the EPA as an exempt aquifer in the AOR.

The target injection interval consists of the following perforation intervals: 5629' (Jb), 5660-88' (Jd/Je), and 5714' (K). At virgin conditions, the injection interval was very near irreducible water saturation and produced only minor amounts of water with the oil and gas. All current water production from the Red Wash area is recycled injection water (9996.8 mg/l TDS, per 1/29/96 sample) which has broken through from offset injectors.

F. MAPS AND CROSS SECTIONS OF GEOLOGIC STRUCTURE OF AREA:

Does not apply to Class II wells.

G. GEOLOGIC DATA ON INJECTION AND CONFINING ZONES (CLASS II):

Lithologic descriptions apply to the following Injection and confining zones:

| INTERVAL | RWU #52 |
|------------------------|----------------|
| Target Interval | |
| Depths | 5629-5714' |
| Thickness | 85' |

RWU #52 UIC PERMIT APPLICATION

| INTERVAL | RWU #52 |
|--|------------|
| Confining Zone | |
| Depths | 5566-5594' |
| Thickness | 28' |
| Confining Zone to Green River Top | |
| Depths | 5566-3115' |
| Thickness | 2451' |

The target injection interval is sandstone.

The confining zone directly above the target injection interval is shale. Additional intervening strata between the top of the confining zone and the top of the Green River Formation consists of tightly interbedded shales, carbonate mudstones, siltstones, and sandy limestones to limy sandstones.

A fracture gradient of 0.78 psi/ft has been established for the Red Wash Unit. Based on a fracture gradient of 0.78 psi/ft, a 5629' depth to the top target interval perforation and a fluid specific gravity of 1.007, maximum surface injection pressure is 1936 psi.

H. OPERATING DATA:

1. The daily water injection rate will vary with reservoir conditions and offset production rates, all of which change over time. Initial injection rates may approach 1000 BWPD while building reservoir pressure. A target rate of less than 500 BWPD is expected within six months, based on anticipated offset production.
2. Maximum injection pressure will initially approach fracture pressure in order to build reservoir pressure as quickly as possible. Average injection pressures approaching 1700-1800 psi are expected within six months.

RWU #52 UIC PERMIT APPLICATION

3. Annulus fluid is produced water containing corrosion inhibitor to prevent corrosion of tubulars. A diesel freeze blanket will be circulated from surface to below frost level at completion to prevent freezing and possible equipment failure during winter months.

4. Does not apply to Class II wells.

5. Injected fluid consists of produced water from ongoing operations at the Red Wash Unit, in addition to fresh make-up water from Chevron operated water supply wells. Fluid streams from producing wells are gathered into central facilities. After separation, produced water is transferred to the Red Wash Central Battery Water Injection Station, where it is mixed with fresh water from the water supply wells. Fresh make-up water is required for material balance reasons to replace oil and gas removed from the reservoir. The mixture is treated with scale and corrosion inhibitors, then sent through the main water injection pumps for high pressure distribution to injectors in the field.

Attachment H is a copy of the water analysis report submitted by Chevron to the EPA for 1996 annual reporting purposes. The fluid analyzed was water leaving the Red Wash Central Battery Water Injection Station for distribution and injection throughout the Red Wash Unit. Since the proposed well will be connected to the existing injection system, Attachment H is representative of the injected fluid for the proposed well.

6. Does not apply to Class II wells.

I. FORMATION TESTING PROGRAM:

1. A Fracture gradient of 0.78 psi/ft has been established for the Red Wash Unit.
2. Static reservoir pressure will be obtained via bottom hole pressure bomb following completion of the well and before commencing injection.
3. No fluid sampling of the completed interval will be attempted.

RWU #52 UIC PERMIT APPLICATION

J. STIMULATION PROGRAM:

No stimulation is planned at present.

K. INJECTION PROCEDURES:

With the exception of normal wellhead equipment, valves and monitoring equipment, no on-site equipment such as tanks and pumps will be involved. Water will be supplied to the well by an injection flowline connected with the existing distribution network.

Central injection facilities are designed and operated to provide continuous injection at rates and pressures consistent with operating, engineering and regulatory requirements. Uninterrupted operation is planned.

L. CONSTRUCTION PROCEDURES:

Construction will start after permit and flowline right-of-way approval. Construction is expected to take approximately 4 days.

Attachment L details construction procedures. Chevron intends to install a tandem packer assembly which will straddle Hb/Hb50 and Hc perforations and isolate them from the targeted injection interval 5629' (Jb) - 5714' (K).

The proposed annulus fluid is produced water containing corrosion inhibitor to prevent corrosion of tubulars. A diesel freeze blanket will be circulated from surface to below frost level to prevent freezing and possible equipment failure during winter months. Following a successful mechanical integrity test, static reservoir pressure will be obtained. The well will commence injection following flowline installation and EPA authorization to inject.

RWU #52 UIC PERMIT APPLICATION

M. CONSTRUCTION DETAILS:

Attachment M shows proposed construction details of the well.

N. CHANGES IN INJECTED FLUID:

Does not apply to Class II wells.

O. PLANS FOR WELL FAILURES:

Upon discovery of a mechanical integrity failure, the well will be immediately shut-in and evaluated. If repairs and a return to injection cannot be justified, the well will be plugged and abandoned.

P. MONITORING PROGRAM:

The well will be equipped for monitoring injection pressure, tubing/casing annulus pressure, instantaneous and cumulative injected volume, and to allow sampling of the injected fluid.

There will be weekly observations of rates and pressures, with values recorded monthly for reporting purposes.

Fluid sampling for central injection facilities serving injectors at the Red Wash Unit, including the proposed well, will be conducted on an annual basis.

Q. PLUGGING AND ABANDONMENT PLAN:

Attachment Q contains EPA Form 7520-14, "Plugging and Abandonment Plan".

Attachment Q contains the plugging and abandonment procedure and schematic.

The proposed P&A plan is consistent with P&A procedures used by Chevron throughout its Uinta Basin properties.

RWU #52 UIC PERMIT APPLICATION

R. NECESSARY RESOURCES:

Financial responsibility for the abandonment of the proposed well is addressed under Chevron's Financial Assurance Statement for Class II operations on Indian Lands.

S. AQUIFER EXEMPTIONS:

The Green River Formation is classified as an exempt aquifer by the EPA in the AOR.

T. EXISTING EPA PERMITS:

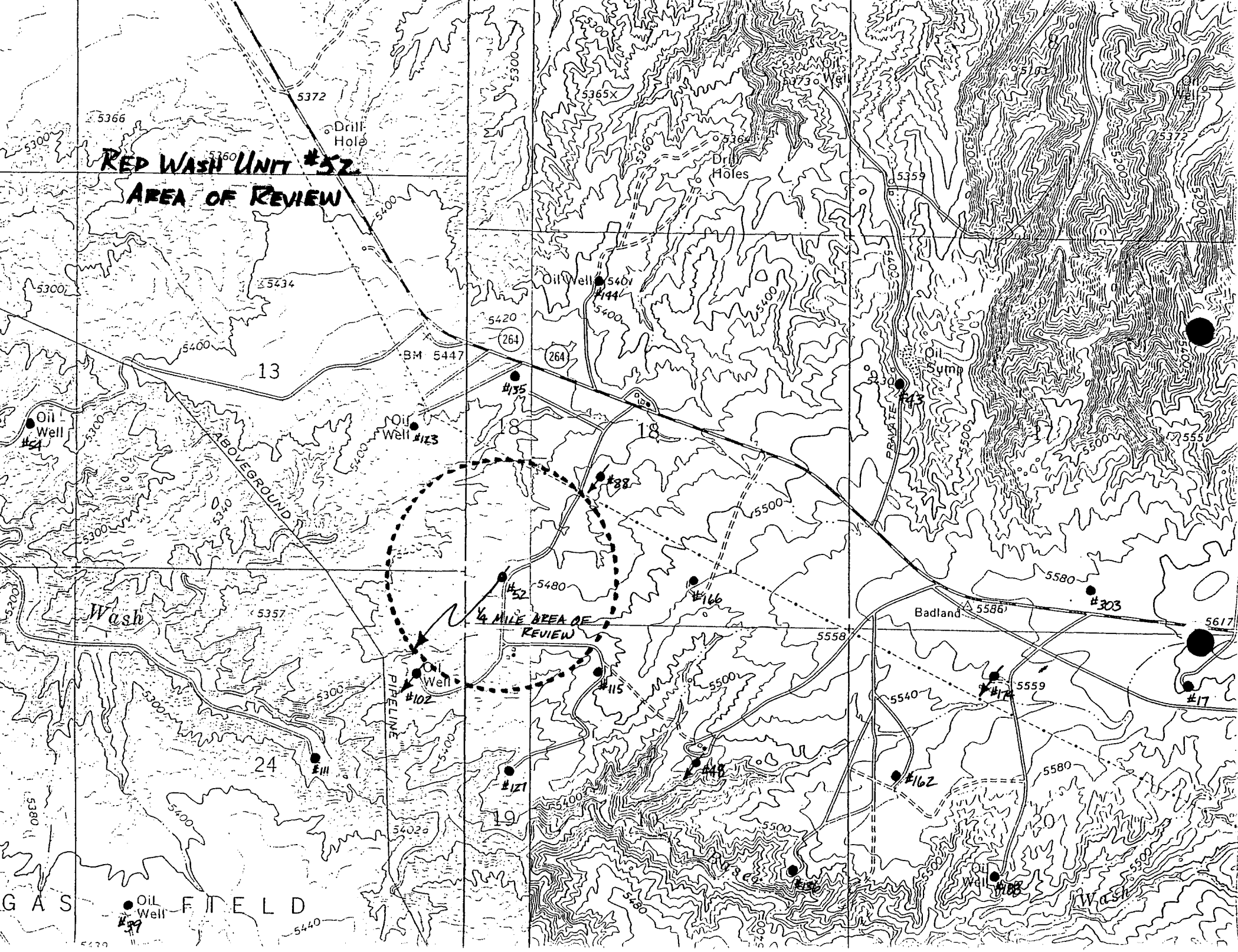
Chevron holds numerous UIC permits for Class II wells in the United States. Attachment T contains listings of class II wells operated from this office.

U. DESCRIPTION OF BUSINESS:

Chevron USA Production Co. is the domestic exploration and production company of Chevron Corporation, a major international oil company.

**RED WASH UNIT #52
UINTAH COUNTY, UTAH**

ATTACHMENT B



**RED WASH UNIT #52
UINTAH COUNTY, UTAH**

ATTACHMENT C

**RED WASH UNIT #52 (14-18B)
660' FSL & 592' FWL
SWSW-SEC.18-T7S-R23E
UINTAH COUNTY, UTAH**

API#: 43-047-15178
LEASE NUMBER: U-0116

KB ELEVATION: 5477'
GL ELEVATION: 5465'
TD: 6359'
PBTD: 5730'
CEMENT TOP: UNKNOWN

CASING DETAIL:

15" HOLE SIZE

10-3/4" 40.5# J-55 @ 425' W/275 SX. COMMON

9" HOLE SIZE

7" 23# J-55/N-80 @ 5800' W/160 SX. REGULAR OUT SHOE, 275 SX.
REGULAR OUT DV TOOL @ 5200'.

TUBING DETAIL: REFER TO TOUR REPORTS - SI ROD PUMPING EQUIPMENT

PERFORATION DETAIL:

Open -

Excluded -

| | |
|----------|---------|
| 5104-30' | Hb/Hb50 |
| 5134-48' | Hc |
| 5629' | Jb |
| 5660-88' | Jd/Je |
| 5714' | K |

RWU #52 (14-18B)

WELL HISTORY:

12/56: At completion, drilled out to 5730'. Perforated and stimulated as follows.

5660-88'; SOS with 150 bbl. oil and 11550# sand.

5134-48', 5104-30'; SOS with 185 bbl. oil and 11000# sand.

Cleaned out and ETP on rod pump.

3/59: Swabbed/flowed 100% oil from 5660-88'. Squeezed 5104-48' with 150 sx.

Drilled out to 5730' and RTP.

4/62: SOS 5660-88' with 20000 gal. oil and 25100# sand. Cleaned out and RTP.

7/63: Notched 5714', 5669', 5629', 5683', 5669'. SOS with 26000 gal. oil and 35000# sand. Cleaned out and RTP.

12/81: Cleaned out to 5730'. Perforated 5104-30', 5134-48', swabbed 5% oil. Acidized 5660-88' with 4000 gal. 15% Hcl. RTP.

CURRENT WELLBORE DIAGRAM

WELL: RED WASH UNIT #52
 LOCATION: 660' FSL & 592' FWL
 SWSW-SEC. 18-T7S-R23E
 UINTAH COUNTY, UTAH

KBE: 5477'
 GLE: 5465'
 TD: 6359'
 PBTD: 5730'

LEASE: U-0116
 API #: 43-047-15178

SURFACE HOLE & CASING:

HOLE SIZE: 15"
 CSG. TYPE & SIZE: 10-3/4" 40.5# J-55
 SETTING DEPTH: 425'
 CEMENT: 275 SX COMMON
 CEMENT TOP: SURFACE

GEOLOGIC MARKERS:

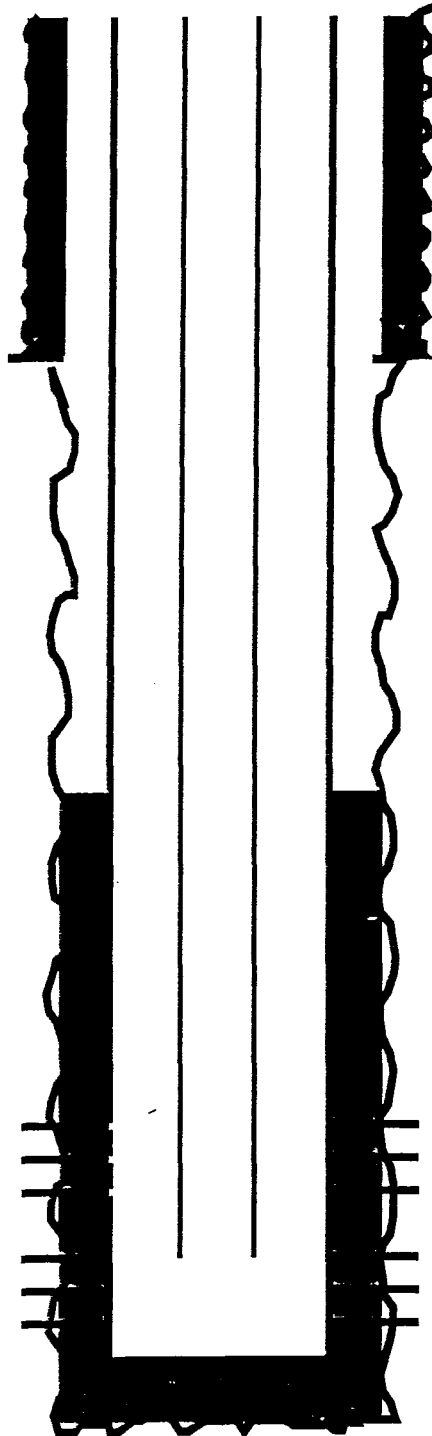
| | |
|-----------------|------------|
| UINTA | SURFACE |
| GREEN RIVER | 3115' |
| OIL SHALE | 3865-3885' |
| TARGET INTERVAL | 5629-5714' |
| WASATCH | 6188' |

PERFORATIONS:

| | | |
|----------|---------|------|
| 5104-30' | Hb/Hb50 | OPEN |
| 5134-48' | Hc | OPEN |
| 5629' | Jb | OPEN |
| 5660-88' | Jd/Je | OPEN |
| 5714' | K | OPEN |

PRODUCTION HOLE AND CASING:

HOLE SIZE: 9"
 CSG. TYPE & SIZE: 7" 23# J-55 / N-80
 SETTING DEPTH: 5800'
 CEMENT: 160 SX REGULAR OUT SHOE :
 275 SX REGULAR OUT DV TOOL
 AT 5200'



ORIGINAL TOC @ UNKNOWN

PBTD: 5730'
 TD: 6359'

ORIGINAL FORWARDED TO CASPER
COMPLETION REPORT - NEW WELL

Form 9-330



STANDARD OIL COMPANY OF CALIFORNIA

FIELD: Red Wash PROPERTY: Section 18B
 WELL NO: 14 - 18B (52) Sec 18 T 7S R 23E S.L. B. & M.
 LOCATION: 660' North, 592' East of Southwest corner LAND OFFICE: Salt Lake City
 LEASE NO.: U-0116
 ELEVATION: 5177' K. 3. No. B. 9.0' above ground
 DATE: January 9, 1957 By J. T. CROOKER
 Manager, Producing Department

DRILLED BY: Kerr McGee Oil Industries
 DATE COMMENCED DRILLING: October 31, 1956 DATE COMPLETED DRILLING: December 25, 1956
 DATE OF INITIAL PRODUCTION: 1-11-57

PRODUCTION: Daily average, 1st 30 days Gravity 28.5 ° API Pumping I
 Oil 106 Bbls. T. P. 75 PSI Flowing
 Water 48 Bbls. C. P. PSI Gas Lift
 Gas 39 Mcf. Beas 164"

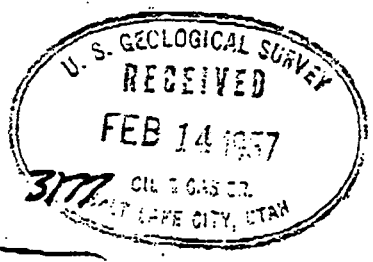
S U M M A R Y

TOTAL DEPTH: 6359' PLUS: None

CASING: Conductor 16" cemented 22'
 10 3/4", 40.5#, H-40 cemented 425'
 7", 23#, J-55, N-80 cemented 5800'
 C.P.'D. 5201'
 Perf'd. 5660 - 5683
 5134 - 5148
 5104 - 5130

JUNK: None

LOGS RUN: Schlumberger Electric Logs.
 Run 1 6266' - 425'
 Run 2 6347' - 6266'
 Schlumberger Microlog
 Run 1 6264' - 2800'
 Run 2 6344' - 6100'
 McCullough Gamma Ray-Cellar Log
 Run 1 5731' - 4500'



ORIGINAL FORWARDED TO CASPER

#52

ORIGINAL FORWARDED TO CASPER
RE-COMPLETION

REPORT

STANDARD OIL COMPANY OF CALIFORNIA



FIELD: Red Wash

PROPERTY: Section 18B

WELL NO: 74-18B-157

SW SW Sec 28 T.27 S R. 23 E S. 1, 2 & M.

Following is complete and correct record of all work done on the well since the previous record dated 2-9-57

PURPOSE OF WORK: To exclude water.

U-0116
Ref. # 44

DATE OF REPORT: December 28, 1957

BY G. F. CHATFIELD
Supt. Manager, Producing Department

WORK DONE BY: R & R Well Service

COMMENCED OPERATIONS: 3-23-59

COMPLETED OPERATIONS: 3-25-59

DATE WELL LAST PRODUCED: 3-12-59

DATE RETURNED TO PRODUCTION: 3-26-59

PRODUCTION:

PRIOR TO WORK

AFTER WORK

| | PRIOR TO WORK | | AFTER WORK | |
|-----------------------|---------------|-------|-------------|-------|
| Oil | <u>59</u> | B/D | <u>227</u> | B/D |
| Water | <u>34</u> | B/D | <u>23</u> | B/D |
| Gas | <u>21</u> | Mcf/D | <u>265</u> | Mcf/D |
| Gravity | <u>28.5</u> | °API | <u>28.5</u> | °API |
| Tubing | <u>50</u> | PSIG | <u>100</u> | PSIG |
| Casing | <u>75</u> | PSIG | <u>400</u> | PSIG |
| Method of Production: | | | | |
| Pumping | <u>X</u> | | <u>X</u> | |
| Flowing | | | | |
| Gas Lift | | | | |

S U M M A R Y

T. D. 6359'

Effective Depth 5730'

Casings 7", 2 3/8", 1 7/8", 1 1/2" cemented 5800'
C.P. id 5201'

Perforations: 5104-5130) sealed to
5134-5148) cement &
5660-5688) excluded.

ORIGINAL FORWARDED TO CASPER

WELL NO: 14-18B (52)

PROPERTY: Section 18B

RED WASH FIELD

HISTORY

Subject well 14-18B (52) was completed in December 1956, for an IP of 106 B/D oil, 48 B/D water and 39 MCF/D. By January 1958 water production had increased to 112 B/D, and by February 1959 was producing 225 B/D water.

It is proposed to re-enter subject well and exclude water and also increase oil production by 50 B/D.

PROGRAM

1. Move in workover rig, circulate well with water, pull rods and tubing.
 - a. If heavy waxing condition is indicated, run scraper before proceeding with step 2.
2. Run straddle tester on tubing, straddle perf'd interval 5660-5688' and swab test to determine:
 - a. That high head water entry is not from this zone.
 - b. Zone has adequate productivity without additional stimulation. If additional stimulation is indicated it will be carried out at a later stage in the program.
3. Set tester to straddle HOWCO DV collar at 5200', swab fluid down and establish that collar is not leaking.
4. If no high head water is encountered from the lower perforations (5660-5680') or from the DV collar, set drillable bridge plug about 5170' and magnesium Model X retainer at 5070' and squeeze perforated intervals 5104-5130' and 5134-5148' with cement.
 - a. Have 150 sack cement on hand.
 - b. Use hesitation squeeze. If satisfactory pressure build up is not obtained displace cement beyond perforations, pull out of retainer, stand 4 hours, stab back into retainer and repeat squeeze job.
5. Drill out retainer and cement to 5160', and pressure test with max. rig pump pressure. Drill out remaining cement and bridge plug and clean out to 5730'.
6. If deemed necessary, sand-oil squeeze perforated interval 5660-5668'.
7. Rerun tubing as before and return well to production.

WORK DONE

March 13, 1959

R & R Well Service moved in and rigged up.
Displaced well with 260 bbls Rangely crude.

March 14, 1959

Pulled rods. Installed BOP

WELL NO: 14-18B (52)

PROPERTY: Section 18B

RED WASH FIELD

March 15, 1959

Finished pulling tubing.

Ran paraffin scraper and scrapped to bottom and circulated out paraffin.

March 16, 1959

Ran mill shoe

and plugged tubing with paraffin. Finally circulated

well clean.

March 17, 1959

Set straddle packers at 5654 and 5694.

Rigged up and swabbed interval 5650-5688.

Swabbed burner fuel and Rangely crude with fluid level at 300'.

March 18, 1959

Swab testing zone 5660-5688', packers set @ 5654 and 5694 (Halliburton straddle packers made 46 swab runs to 1800', fluid level standing @ 2000'). Swabbed oil and water for 31 runs, approximately 139 bbls. Made 15 runs believed to be mostly Red Wash Crude and a small amount of water. First fluid believed to have been a blend of Red Wash crude and Rangely crude. Total swabbed and flowed 240 bbls.

March 19, 1959

Well flowed @ est. 80 BOPD for 3 hrs. oil Red Wash crude. Zone 5660-5688'.

Moved straddle packers up hole and tested DV collar @ 5200'. Made swab run after 30 min., pulled dry. Ran swab to 5150'.

March 20, 1959

Pulled straddle packers, set Model K Bridge plug @ 5171' and retrievable retainer @ 5072'. Halliburton squeezed away 150 sq regular cement by heat-tation method. Final press. 3500 PSI. Zone squeezed 5104-5130 and 5134-5148'.

March 21, 1959

Located top of cement at 5057'. Drilled out cement to 5059'.

March 22, 1959

Drilled out cement from 5099 to 5114'.

Circulated 1/2 hr. on bottom and shut well in for night.

March 23, 1959

Drilled out hard cement from 5114 to 5161.

Tested cement scab 5104-5148 w/1400 PSI pressure for 30 min. No bleed off. Scab holding okay.

March 24, 1959

Drilled out cement and Model K Bridge plug and cleaned out to 5130'.

Landed 2 1/2" tub @ 5599'

Detail:

| | | |
|---------------|----------|------------------------------|
| Bottom 1 jct. | 30.96' | 2 1/2" EUE perf'd gas sucker |
| Next | 10.00' | 2 1/2" EUE pup jct |
| Next | 1.00' | PSN |
| Next 179 jts. | 5543.85' | 2 1/2" EUE 6.5" J-55 tbg. |
| Top | 12.58' | KB to tbg head |
| Landed | 5598.66' | |

Tore out BOP

WELL NO: 14-18B (S2)

PROPERTY: Section 18B

RED WASH FIELD

March 25, 1959
Ran reeds and pump

Detail:

- AK Pump #45 - 3 top Cup
 - 13h - 3/4 x 25' reeds
 - 87 - 7/8 x 25' reeds
 - 1 - 8" x 7/8" sub
 - 2 - 2" x 7/8" sub
 - 1 - 22" x 1 1/4 Ponsy red.
- Crew released.

WELL NO.: 14

PROPERTY: Section 18E

RED WASH FIELD

Drill Stem Tests

- #1 HFT 5110 - 5153
- #2 HFT 5661 - 5700
- #3 HFT 5816 - 5875
- #4 HFT 6255 - 6278
- #5 HFT 6326 - 6359

WORK DONE

0' - 22', 16" conductor.

October 27 - 31, 1956.

Kerr McGee Oil Industries moved in and rigged up.

Spadded 3:00 p.m., October 31, 1956.

Drilled 15' hole, 4 1/2" F.H. drill pipe, water drilling fluid.

22' - 431' 409' Drilled.

Cemented 409' of 10 3/4" casing at 425'.

Mixed 2 1/2 sacks Ideal Common cement with 2% calcium chloride in 15 minutes to average 16 ppg slurry. Used Huxco power equipment. 5 minutes displacing. Used one top rubber plug. Cement in place 2:50 p.m. Good cement returns to surface.

Casing Detail

| | | | |
|-----|---------|------|---|
| API | II Jbs. | 409' | 10 3/4" O.D., 40.5#, H-40, Range 3, new, seamless casing with short 8 round threads and couplings. Includes Baker cement guide shoe and Baker float collar two joints up. |
|-----|---------|------|---|

| | | | |
|-------------|---------|----|------|
| Total | II Jbs. | of | 409' |
| Above K.B. | | | 24' |
| Cemented at | | | 425' |

Casing Summary

Land 10 3/4" casing 15' below Kelley Bushing, leaving 410' of casing cemented at 425'.
Recovered 39' of 10 3/4" casing.

Out and recovered 15' of 16" conductor.

Stand cemented 28 hours.

Installed Class III blowout prevention equipment. Pressure tested to 1200 psi with clear water for 30 minutes, O.K. (While standing cemented.)

Drilled out collar, cement, and guide shoe.

WELL NO. 14

PROPERTY: Section 16B

RED WASH FIELD

Drilled 9" hole, 4 1/2" drill pipe, 9.2 - 9.6 ppg mud.

431' - 4965' 4534' Drilled.

Lost approximately 150 barrels of mud @ 3752'. Full returns @ 3758'.

November 14, 1956.

Diamond Cored 8 7/8" hole, 4 1/2" drill pipe, 9 ppg mud.

- Core #1 - 4965' - 5030' - Recovered 65'
- 4965' - 4965 1/2' S.s. - gr, vfg, v hd, perm NSOF
 - 4965 1/2' - 4968' S.s. & sh - f lmbd; S.s., lt gr, hd, ti; Sh, gr-brn, m hd, irreg frac.
 - 4968' - 4970' S.s. - as in top of core.
 - 4970' - 4971' S.s. & Sh - a.a.
 - 4971' - 4972' S.s. - as in top of core
 - 4972' - 4981' S.s. & Sh - s.s., gr-tn, vfg, dns, hd, v col, NSOF; Sh, a.a., prod v crs, reworked.
 - 4981' - 4982' S.s. - tn, col, hd, dns, ti, NSOF
 - 4982' - 4993 1/2' S.s. & Sh - a.a.
 - 4993 1/2' - 4996' Sh
 - 4996' - 4997 1/2' S.s. - lt gr, fg, well sort, hd, well com, scat of blk sphs, rare csts, spot stn, dull yel flint, gr-bl cut, wet.
 - 4997 1/2' - 5001' S.s. & Sh - a.a., crs, reworked.
 - 5001' - 5004' Sh
 - 5004' - 5005' S.s. - a.a.
 - 5005' - 5011' Sh
 - 5011' - 5013' S.s. - a.a.
 - 5011' - 5023' Sh
 - 5023' - 5027' S.s. - a.a.
 - 5027' - 5030' S.s. - dk gr, fg, fair sort, hd, well com, wet, NSOF, bottom badly broken in bbl when jammed
-
- Core #2 - 5030' - 5120' - Recovered 90'
- 5030' - 5031' S.s. - m gr, fg, sd, well sort, hd, m col, rusty ocar, wet, NSOF
 - 5031' - 5045' Sh - dk gr, m hd, irreg frac. Strs lt gr, hd, dns siltst.
 - 5045' - 5046' S.s. - gr, vfg, v well com, hd, ti, NSOF
 - 5046' - 5047' Siltst - dk gr, hd
 - 5047' - 5048' S.s. - a.a., ti, NSOF, strs reworked dk siltst.
 - 5048' - 5052 1/2' S.s. - m gr, fg, sd, well sort, hd, well com, abd dk gr, good p & p, wet, oar spotty stn in upper 1'
 - 5052 1/2' - 5055 1/2' 3rd crs g pebbly sandstone with spotty oil stn. Ben lt gr fg, well sort, wet, s.s. dk g not present
 - 5055 1/2' - 5060' S.s. - a.a., except fg, ti, NSOF
 - 5060' - 5063' S.s. - a.a., ben ti & shaly
 - 5063' - 5066 1/2' S.s. - as above 5060'
 - 5066 1/2' - 5070 1/2' Strs to 4" tl s.s. & siltst
 - 5070 1/2' - 5073 1/2' Grades to Siltst, m gr, hd
 - 5073 1/2' - 5083' S.s. - lt gr, fg, well sort, hd, m col, clean, abd of sphs, wet, NSOF. Strs to 6" gr siltst in top 3'
 - 5083' - 5086' Ben streaked with thin reworked dk sh siltst
 - 5086' - 5089' Grades to finely indd lt gr Siltst & dk sh
 - 5089' - 5097 1/2' Ben prod sh, dk gr, m hd, irreg frac
 - 5097 1/2' - 5098' S.s. - lt gr, fg, fair sort, well com, m, ti, m col, m siltst, ocar, abd blk sphs & csts

WELL NO. 14

PROPERTY: Section 16B

RED WASH FIELD

Core #2 (cont'd)

5098' - 5100' Bcm S.s., a.a., except slightly crsr gr & oil stn'd. Oil in frac.
 5100' - 5102' Grades to Sltst, m gr, hd
 5102' - 5106' S.s. - lt gr, vfg, v hd, well cem, patches Sh & carb frags, spotty stn w/ bri yel flsn & bl-gr cut, int pet odor. Generally tite.
 5106' - 5108' Bcm S.s. - a.a., ti w/ 30% Sh in thin inlams to 1" str, finely reworked.
 5108' - 5114' Oil stn S.s. - m gr w/ spotty brn stn, fg, sa/sr, well sort, hd, well cem, abd dk sh str, bri yel flsn where stn w/ inst silver-bl cut
 5114' - 5116' Bcm generally ti w/ rare stn'd str
 5116' - 5120' Oil stn'd S.s. - m gr w/ dk brn stn, fg, sr, well sort, hd, difficultly fri, gld flsn w/ inst gr-bl cut, good pet odor, occ str & patches sh & ti unstr'd ss. Bottom 1/2' badly broken in core bbl. Oil in frac.

Core #3 - 5120' - 5210' - Recovered 90'

5120' - 5132 1/2' Oil stn'd S.s., gr w/ lt brn stn, fg, sa/sr, fair to good sort, str ti s.s. and thi sh inlams, good pet odor, bri yel flsn, inst silver bl cut
 Bcm incr shaley
 5132 1/2' - 5135' Grades to S.s. and Sh, a.a. pred lt gr, vfg, well cem & ti w/ occ str perm. Sh dk gr thi inlams
 5135' - 5136 1/2' Sh, gr gr, m hd, irreg frac
 5136 1/2' - 5137 1/2' Grades to Sh a.a. w/ dk gr siltst
 5137 1/2' - 5142 1/2' Dol oolite, tn w/ fine tn ools, abd osts, NSOF
 5142 1/2' - 5144' Bcm oil stn'd, spotty lt brn stn, bri yel flsn
 5144' - 5153 1/2' Oil stn S.s., gr w/ lt brn stn, fg, sr, well sort, hd, m fri, good pet odor, bri yel flsn
 5153 1/2' - 5156 1/2' Bcm pred ti S.s., vfg, ti, rare patch stn, str dk sh
 5156 1/2' - 5157 1/2' Bcm incr shaley
 5157 1/2' - 5161 1/2' Bcm pred Sh, dk gr, hd
 5161 1/2' - 5162 1/2' Grades to S.s., vfg, v well cem, hd, ti, barren
 5162 1/2' - 5165' Sh, sa, w/ str ti ss to 2"
 5165' - 5170' S.s., dk gr, fg, sr, well sort, hd, m fri, abd blk spha, wet NSOF
 5170' - 5176' S.s., lt gr, vfg, hd, dns, ti except in occ str, 15% reworked sh in thi inlams to 1" str.
 5176' - 5178 1/2' Bcm pred Sh, dk gr, hd, irreg frac
 5178 1/2' - 5183 1/2' S.s., fg, sa/sr, fair sort, hd, well cem, NSOF
 5183 1/2' - 5188' appears some perm
 5188' - 5193' Grades to S.s., m gr, m/crs, hd, fri, well sort, sa, perm, wet NSOF
 2" misf gr sh
 5193' - 5196' S.s., dk gr, fg, dns, hd, well cem, dolie abd blk spha, ti, NSOF
 5196' - 5203' S.s., dk gr, mg, m hd, m fri, perm, wet, NSOF
 5203' - 5210' Bcm streaked w/ dk sh inlams to 1/4" str.

WELL NO. 11

PROPERTY: Section 18B

RED WASH FIELD

Core #4 - 5210' - 5300' - Recovered 90'

5210' - 5217' S.s., dk gr, fg, m hd, dns, m fri, perm, wet, NSOF
 5217' - 5221' S.s., dk gr, vfg, hd, dns, well cen, wet, becoming sh, streaks dk sh inlams. Streaks sh
 5221' - 5221 1/2' 6" S.s., dk gr, fg, v hd, v dns, sh, no perm, poor sort, well cen.
 5221 1/2' - 5226' S.s., dk gr, fg, m hd, perm, well sort, wet, NSOF
 5226' - 5227 1/2' 6cm vfg, m fri, perm, well sort, wet, NSOF
 5227 1/2' - 5228' 62 Siltstn, f gr, v hd
 5228' - 5230' S.s., vfg, hd, perm, lt gr, wet, NSOF
 5230' - 5230 1/2' Sh, dk, hd, irreg frac
 5230 1/2' - 5234' Siltstn, vfg, hd, dk brn sh inlams
 5234' - 5234 1/2' S.s., lt gr, mg, sa, well sort, hd, mod fri, wet, perm, NSOF
 patchy sh, lt gr, soft
 5234 1/2' - 5238 1/2' 10" Sh, dk gr, hd, w/streaks s.s.
 5238 1/2' - 5247' S.s., s.s.
 5247' - 5250' Siltstn, lt gr, vfg, hd, brn Sh, dk gr, m hd, carb frags, irreg frac
 5250' - 5253' Sh, s.s., brn siltstn inlams, hd, sh, dk gr
 5253' - 5254' S.s., dk gr, fg, sa, hd, NSOF
 5254' - 5270' Siltstn, hd, w/Sh inlams, patchy oil stn
 5270' - 5272' Siltstn, lt gr, brn sh
 5272' - 5273' S.s., lt gr, fg, sa, hd
 5273' - 5280' Siltstn, w/streaks sh, dk gr, fg, dns, v hd
 5280' - 5281' S.s., fg, lt gr, sa, m hd, NSOF
 5281' - 5287' Streak Sh, dk gr, carb stn inlams
 5287' - 5288' Siltstn, dk gr, fg, dns, hd, well cen, dollic csts
 5288' - 5291' Siltstn, lt gr, fg, dns, hd, well cen, dollic, abd csts
 5291' - 5294' 6cm S.s., mg, dollic lt gr, abd csts, perm, NSOF
 5294' - 5300' S.s., f/mg, lt gr, well sort, sa, brn perm where sampled, NSOF
 crushed streaks sh inlams, irreg in bottom 1'

November 20, 1956

DST #1 One hour formation test of interval 5110 - 5153, BE-HD, lower Green River sands
 Ram Halliburton tester on log², 16.57 F.H. D.P., 226' of 5 3/4" O.D. drill collars, no cushion,
 sidewall anchor tool, three 8" O.D. packers, hydraulic valve, Howco jaws and safety jt. Set
 packers at 5105, 5110 and 5153. Opened valve 3:30 p.m. for 1 hour then closed for 30 minutes
 shut in test.

Mild blow immediately. Gas to surface in 3 minutes. Mild blow balance of test. Pitot tube
 reads 60 - 75 MGF/D ratio. Recovered 620' including top 295' high pour point oil 28° API,
 93° pour point. Bottom 325' watery mud grading to muddy water above tools. 150 ppm Cl⁻ 10n.
 Bottom recorder indicates bottom packer held o.k.

Charts:

| | IH | IF | FF | SI | FH |
|-----------|------|-----|-----|------|------|
| Top SP | 2571 | 74 | 212 | 1836 | 2558 |
| Middle SP | 2515 | 101 | 237 | 1870 | 2567 |

Core #5 - 5300' - 5385' - Recovered 81'

5300' - 5304' S.s., w/fg, lt gr, well sort, sa, perm, NSOF, wet,
 carb (gilsonitic) intrusions
 5304' - 5314' S.s., c.g., dk gr, conglom carb intrusions, poor sort, v perm,
 NSOF, wet, scattered spms
 5314' - 5316' S.s., mg, lt gr, well sort, perm, NSOF, wet
 6" Siltstn w sh inlams, sh, 5315' to 5316'
 5316' - 5385' S.s., v, well sort, slight perm, NSOF, wet

WELL NO. 14

PROPERTY: Section 18

RED WASH FIELD

Core #5 (cont'd)

5320' - 5324' Sh, silty, irreg frac, lt gr w/dk gr inlams
 5324' - 5326' S.s., fg, lt gr, abd ostrcs, dolic, bcm ng, conglom, NSOF,
 perm, wet,
 10" Sltstn, ti,
 5326' - 5336' S.s., fg, lt gr, well sort, perm, NSOF, wet
 5336' - 5340' Bcm straks ti, dns, impcrn,
 Sltstn w/ oot coq and sub coq
 1" Sh at 5338'
 5340' - 5341' 4" Oot coq grading to sub coq
 5341' - 5342' 1" Sh, dk gr, m hd
 5346' - 5349' Grades to Sltst, m gray, hd w/ strc reworked dk sh
 5349' - 5351' S.s., lt gr, fg, sa/sr, fair sort, hd, well cem, NSOF
 5351' - 5353' Bcm very shaley, Sh in dk thi finely reworked inlams
 5353' - 5354' Grades to Sh, dk gr, m hd, irreg frac
 5354' - 5355' Sltst & Sh, siltst lt gr, hd, Sh, a.a.
 5355' - 5366' Grades to S.s., lt gr, fg, sr, v well sort, hd, well cem,
 wet, NSOF
 5366' - 5370' Bcm tighter w/ strc lt gr Sltst and dk Sh
 5370' - 5371' Sltst, lt gr, hd
 5371' - 5372' Bcm v shaley - th reworked inlams
 5372' - 5373' Bcm pred Sh., dk gr, m hd, irreg frac
 5373' - 5381' 3" Oot. coq,
 5381' - 5385' No recovery

Core #6 - 5385' - 5438' - Recovered 52'

5385' - 5387' Sltst, m gr, very hd and dns, w/ strc dk gr, m cft sh
 5387' - 5391' Grades to Sh, dk gr, m aft, irreg frac
 5391' - 5394' Oot-coq, blk & tn osts in dol mtrx, ti, NSOF
 5394' - 5402' Sh, dk brn, m aft, peker chip frac
 5402' - 5407' Sltst & Sh., Sltst, m gr, hd, Sh, a.a. in thin coarsely
 reworked inlams to strc 4"
 5407' - 5408' Oil stnd S.s., dk brn stn, fine g, sa, fair sort, hd, well
 cem, abd blk gs, good pet odor, dull gold flsn, inst
 white cut
 5408' - 5409' Bcm stnd with 30% barren Sltst
 5409' - 5410' Sltst, m gr, hd
 5410' - 5411' S.s., vfg, sr, mgr, hd, well cem, NSOF
 5411' - 5412' Sltst, lt gr, hd, w/ strc dark reworked sh
 5412' - 5415' Sh, dk gr, sfb, irreg frac
 5415' - 5417' Limestone, calcitic, m gr, v hd, dns, abd sphs and osts,
 sl, NSOF
 5417' - 5417' Sh, gr-grn, m hd, irreg frac
 5417' - 5418' S.s., vfg, ti, w/ NSOF
 5418' - 5419' Oil stn S.s., dk brn stn, ng, sa/sr, fair sort, hd, m fri,
 strong sulfur odor, dk brn flsn, inst li brn cut
 5419' - 5437' Bcm S.s. a.a. without oil stn
 5437' - 5438' No recovery

WELL NO. 11

PROPERTY: Section 18B

RED WASH FIELD

Core #7 - 5138' - 5528' - Recovered 90'

5136' - 5141' S.s., lt gr, tn, fg, sa, silty, well sort, hd, NSOF, wet, perm

5141' - 5142' Siltstn, dk gr, dns, ti, hd

5142' - 5144' S.s., lt gr, fg, sa, clean, well sort, n fri, NSOF, wet, perm

5144' - 5147' Siltstn, lt gr, ti, hd, sh inlams

5147' - 5151 1/2' Bcm pred Sh

5151 1/2' - 5152' Sh, dk gr, hd, irreg frac, silty in patch

5152' - 5154' Siltstn, lt gr w/striks dk gr sh w/brush cast

5154' - 5155' Bcm abd ostrcs

5155' - 5179' Sh, dk gr, striks altsta, hd, ti, bri irreg frac

5179' - 5181' S.s., lt gr, tn, fg, sa, well sort, NSOF, wet

5181' - 5182' Sh, dk gr, hd, brittl irreg frac, abd fauna casts

5182' - 5183' S.s., lt gr, fg, sa, hd, ti, imperm

5183' - 5183 1/2' perm inlams, brn oil stn, mg, dead color, yel flo, yel cut

5183 1/2' - 5184 1/2' 6" Sh, dk gr brn (oil sh)

5184 1/2' - 5187' Siltstn, patchy sh

5187' - 5192' Sh, dk gr, altsta inlams, hd, irreg frac

5192' - 5504' Sh, dk gr brn, brittle, lam frac

5504' - 5505' 10" Siltstn, lay

5507' - 5512' Siltstn, patches - Sh, hd, irreg frac, lay

5512' - 5523 1/2' Sh, a.a.

5523 1/2' - 5525' Dolc, abd ostrcs, hd, ti

5525' - 5527' S.s., mg, dk gr brn, sa, well sort, NSOF, perm, wet

5527' - 5528' Siltstn, dk gr, ti, v hd

Core #8 - 5528' - 5592' - Recovered 64'

5528' - 5533' Siltstn, dk gr, v hd, abd oste, calc, no perm, fw striks S.s., sa, lt gr, fg, num oste, perm, NSOF, wet

5533' - 5542 1/2' Bcm striks Sh, dk gr inlams

5542 1/2' - 5555' Sh, dk gr, britl, hd, irreg frac, striks altsta, num carb foss

5555' - 5558' S.s., vlt-fg, lt gr, sa, hd, no perm, NSOF, well sort

5558' - 5559 1/2' 5" dk grn Sh

5560 1/2' - 5592' Siltstn, lt gr, hd, striks sh, mott app
Sh, dk gr, britl, pred irreg frac, striks altsta, fw granh & brn sh casts

Core #9 - 5592' - 5667' - Recovered 75'

5592' - 5592 1/2' Sh & Siltstn, Sh dk gr, britl, irreg frac, fw carb intr, fw brush casts; Siltstn, lt gr, v hd, striks sh, dk gr, Sampled in altsta for perm checks

5598' - 5612' Pred 70% altsta

5612' - 5618' Pred 90% altsta, a.a.

5618' - 5619' S.s., inlams, ti, oil stn, tannish v faint cut

5625' - 5634' 60% Siltstn, a.a.; 40% Sh, a.a.

5634' - 5639' 80% Sh, a.a.

5639' - 5640' 2" S.s., v ti, brn oil stn, yel flon

WELL NO. 11

PROPERTY: Section 18B

RED WASH FIELD

Core #9 (cont'd)

5640' - 5650' Siltstn, lt gr, v hd, dns, lmy, irreg fracs, fw sh strks inlams
 5650' - 5653' brnsh oil stn, strks ti s.s., br yel flsn, li straw cut CGL,
 5653' - 5655' strks oil stn'd s.s., aa, bcm perm, straw cut
 5655' - 5657' Bcm S.s., fg, sr, lt brn w/oil stn, m ti w/strks sh & siltstn,
 lt gr, hd, ti, 50% s.s.
 5657' - 5659' Bcm pred Siltstn w/fw strks oil s.s. aa, hd, ti, strkd sh, dk gr,
 5659' - 5660' 5" S.s. fg, brn oil stn
 5660' - 5667' End of core

Core #10 - 5667' - 5750' - Recovered 83'

5667' - 5669' 5" Siltstn, dk gr, v hd, dns, lmy, vert frac
 S.s., dk gr, mg, sr, fri, v perm, blotchy flsn, wet?, no odor,
 blotchy stn
 5669' - 5672' 5" Siltstn, lt gr, v hd, dns, lmy
 S.s., dk brn, mg, fri, v perm, slty, yel flsn, brn stn, gd pet
 odor, sr;
 5672' - 5672 1/2' 6" Siltstn, dk gr, v hd, dns, lmy
 5672 1/2' - 5679 1/2' S.s., dk brn, f-mg, fri, sr, v perm, slty, yel flsn, brn stn,
 gd pet odor, less fri below & more silty
 Siltstn,
 5679 1/2' - 5681' Sh & Siltstn, dk gr, hd
 5681' - 5683' S.s., fg, dk gr-dk brn, hd, sr, blotchy flsn, yel blotchy brn stn,
 pet odor, possibly ti
 5683' - 5684' Siltstn, lt-dk gr, hd, bcm sh
 5684' - 5687' S.s., lt gr-ta, mg, sr, v perm, br yel flsn, blotchy ta stn
 4" Sh
 5687' - 5688 1/2' S.s., f-mg, sr, fri, perm, blotchy brn stn & yel flsn
 5688 1/2' - 5689 1/2' 10" Sh & Siltstn, dk gr, mott hd, irreg fracs
 5689 1/2' - 5692 1/2' S.s., f-mg, sr, v fri, perm, bri yel flsn, ta-brn stn, gd pet odor
 5692 1/2' - 5696' Siltstn & Sh, pred siltstn, dk gr, hd, irreg fracs, mott app
 5696' - 5698' 15" S.s., dk gr, fg, hd, perm? NSOF, sr
 5698' - 5707' 5" S.s., gr, fg, sr, hd, dns, perm? NSOF
 Sh, dk gr, hd, pred irreg fracs, also fracs inlams
 5707' - 5710 1/2' Sh aa
 1" S.s., fg-mg, sr, perm? ta & brn stn, free oil in fracs,
 gd flsn & pet odor
 5710 1/2' - 5711' 10" Siltstn, lt gr, v hd
 5711' - 5720' Siltstn, s.s.
 5720' - 5720 1/2' Bcm 50% Siltstn, dk gr, hd
 5720 1/2' - 5728 1/2' Sh, pred dk, gr-grn
 5728 1/2' - 5735' Siltstn, lt-dk gr, v hd, dns, fw strks, dk gr sh
 5735' - 5745' Sh, dk gr grn, hd irreg fracs
 5745' - 5747' Siltstn, dk gr, hd
 5747' - 5748' S.s., lt gr, v hd, dns, sr, blotchy brn oil stn & bri yel flsn.
 borders on siltstn, probably ti

WELL NO. 1h

PROPERTY: Section 18B

RED WASH FIELD

Core #11 - 5750' - 5840' - Recovered 90'

5750' - 5756' Sh & Siltstn (80% sh)
 Sh, dk gr brn, brtl, irreg frags
 Siltstn, gr, v hd, irreg frags, bed dips, visible v flat, mott

5756' - 5760' Bon pred Siltstn 90%
 5760' - 5769' Bon pred Sh 90%, irreg frags tending in mott lens
 5769' - 5771' Bon pred Siltstn, vol, dk gr & lt gr
 2 5771' - 5773' fw strks lt gr & brn S.s., fg, pet odor, yel fln
 5773' - 5774' 2nd gilsenite
 5774' - 5781' Siltstn, ea
 5781' - 5784' Bon pred Sh, dk gr, brtl, irreg frags
 5784' - 5793' Bon pred Siltstn, lt gr, v hd, strks sh in lens
 5793' - 5801' Bon pred Sh, gr grn, hd, brtl, irreg frags
 5801' - 5812' Bon pred Siltstn, gm, hd, irreg frags, lmy
 5812' - 5824' Bon pred lt gr color, v hd, dns, irreg frags
 5824' - 5831' Bon pred Sh, dk gr, silty, brtl, irreg frags
 5831' - 5834' Bon Siltstn, gr, fri, irreg frags
 6 5834' - 5840' S.s., fg, lt gr, sl fri, dns, silty strks dk brn oil stm s.s.,
 pet odor, yel fln

December 2, 1995

TEST #2 Two hour formation test of interval 5664 - 5700, J - K, lower Green River sands.

Ron Kalliburton tester on dry 4 1/2", 16.6% F.E. D.P., 255' of 6 3/4" O.D. Drill Coilers, sidewall anchor tool. Three 8" O.D. packers, hydraulic valve, Henco jars and safety jt. Set packers 5659', 5664' and 5700'. Sidewall anchor at 5715'. Opened valve 4.06 a.m. for 2 hours then closed for 30 minute shut-in test.

Strong initial blow. Gas to surface in 8 min. at 60 MCF/D. Declined to weak blow at end of test. Recovered 2650' net rise including 2560' gassy black high pour point oil which blew out intermittently (29° API, 96° F. Pour Pt.) and 90' muddy water testing 200 ppm Cl⁻. Bottom recorder failed.

Charts:

| | IN | IP | SP | SI | PH |
|-----------|------|-----|-----|------|------|
| Top BT | 2820 | 90 | 698 | 2036 | 2820 |
| Middle BT | 2852 | 121 | 707 | 2090 | 2828 |

Diamond cored 8 7/8" hole 4 1/2" drill pipe, 9.5 pop mand

Core #12 - 5840' - 5930' - Recovered 90'

7 5840' - 5848' Siltstn, gr-grn, dns, m hd, irreg frags, lmy
 5848' - 5855' S.s., m-dk brn, fg, sr, fri, gd oil stm, dull gold brn fln,
 frt pet odor, wet?, silty, v pssn

5855' - 5856' Bon patchy mott Siltstn
 5856' - 5857' Siltstn, gr, lmy, brtl, irreg frags
 3 5857' - 5860' S.s., brn, mg, sr, v fri, gd oil stm, dull gold fln

WELL NO. 14

PROPERTY: Section 18B

RED WASH FIELD

Core #12 (cont'd)

| | | | |
|---|---------------|---------------|--|
| 7 | 5860' - 5861' | 5861' - 5865' | Siltstn, gr grn, m fri, dns S.s., f-ng, dk brn, fri, gd oil stn, pet odor, mott dull gold & brn flsn, fw siltstn patches |
| 7 | 5865' - 5866' | 5866' - 5870' | Siltstn, gr grn, m fri, dns Bcm patches S.s., dk brn, fg, gd oil stn, gold & yel flsn |
| 2 | 5870' - 5872' | 5872' - 5873' | S.s., v dk brn, f-ng, m fri, gd oil stn, int pet odor, ar, bleeding black oil, v perm 5 th Siltstn strikes sh inlams |
| 2 | 5873' - 5875' | 5875' - 5879' | S.s., ss, bcm m hd, patchy siltstn Siltstn, lt gr, m fri, sh inlams, mott app, fw s.s. strikes, gd stn, tn flsn |
| 4 | 5879' - 5883' | 5883' - 5886' | S.s., gr-tn, fg, hd, dns, low perm, strikes sh in patches Bcm patch S.s., dk brn, gd stn, dull tan flsn |
| 3 | 5886' - 5892' | 5892' - 5894' | Siltstn, dk gr-grn, brtl, irreg fracs 5 th S.s., mg, dk brn, v fri, gd oil stn |
| 1 | 5894' - 5895' | 5895' - 5895' | S.s., dk brn, mg, v fri, gd oil stn, tn flsn, int pet odor, v perm |
| 2 | 5895' - 5897' | 5897' - 5898' | Bcm patches gr grn S.s., wet? S.s., lt gr, mg, decr fri, perm, wet |
| 1 | 5898' - 5900' | 5900' - 5902' | Siltstn, grn, dns, hd, irreg fracs, dns imperm Siltstn, lt gr, vfg, chalky, m fri, borders on vfg s.s. |
| 2 | 5902' - 5904' | 5904' - 5905' | S.s., fg, gr, v hd, dns, irreg fracs, alty, poor sort, NSOF 10 th Siltstn, lt gr |
| | 5905' - 5907' | 5907' - 5910' | Bcm int oil stn & flsn Siltstn, gr, brtl, dns, mott app, fri, strikes sh |
| 2 | 5910' - 5912' | 5912' - 5914' | Bcm strikes S.s., tn, dns, fg, imperm? NSOF 50% S.s., lt brn, f-ng, lt brn oil stn, ar, no flsn, sour odor |
| 2 | 5914' - 5918' | 5918' - 5922' | Siltstn, vul, lt gr, gr-tn, dns, vfg, imperm S.s., gr, vfg, hd, brtl, irreg fracs |
| 4 | 5922' - 5924' | 5924' - 5930' | Sh, gr, grn, brtl, irreg fracs inlams Siltstn, gr-grn, vfg, dns, hd |

Core #13 - 5930 - 6020 - Recovered 90'

| | | | |
|----|---------------|---------------|--|
| 6 | 5930' - 5933' | 5933' - 5939' | Siltstn, lt gr, dns, m hd, irreg fracs S.s., gr, f-ng, ar, well sort, NSOF, alty, abd sph |
| 11 | 5939' - 5942' | 5942' - 5953' | Siltstn, lt gr, dns, m hd, irreg fracs S.s., gr, f-ng, ar, well sort, m hd, irreg fracs, abd sph, NSOF |
| | 5953' - 5959' | 5959' - 5968' | Siltstn, lt gr, dns, irreg fracs Sh, dk gr, m hd, irreg fracs, tending inlams, strikes siltstn, lt gr, lay, fw pebs 1/4" |
| 10 | 5968' - 5978' | 5978' - 5980' | S.s., lt gr, f-ng, ar, well sort, abd sph, irreg fracs, NSOF, fri Siltstn, tn, gr, lay, abd sph, incl mg ss, bams cgl, tl w/sh & pebs |
| | 5980' - 5988' | 5988' - 5992' | Siltstn 80% & Sh(elyata); siltstn, lt gr, dns, v hd, irreg fracs; clyata, dk gr, alty, hd |
| | 5992' - 5993' | 5993' - 5996' | Bcm pred Sh, a.s.s. Siltstn, bcm pred siltstn, a.s.s. |
| 4 | 5996' - 6000' | 6000' - 6005' | S.s., gr-tn, fg, hd, burnt odor, abd sph, fw colites, NSOF Sh, dk gr, hd, pred irreg fracs |
| | 6005' - 6011' | 6011' - 6011' | Siltstn, lt gr-tn, v hd, irreg fracs, lay, strikes sh, dk gr |

WELL NO. 14

PROPERTY: Section 18B

RED WASH FIELD

Core #13 (cont'd)

3 6011' - 6014 1/2' S.s., vfg, lt gr, dns, v hd, NSOF
 6014 1/2' - 6018' Siltstn, aa, w/striks sh
 2 6018' - 6020' S.s., lt gr, vfg, v hd, dns, NSOF

Core #14 - 6020' - 6110' - Recovered 90'

4 6020' - 6025' Siltstn, gr, chky, dns, v hd, striks dk gr sh, in mott app
 6025' - 6029' S.s., lt gr, vfg, dns, m hd, scat blk sph, striks siltstn & sh, mott app, NSOF
 6029' - 6031 1/2' Siltstn, M gr, dns, v hd, lmy, striks dk gr sh in mott pattern, irreg fracs

7 6031 1/2' - 6031' S.s., lt gr, m-fg, dns, m hd, sr, perm, NSOF
 6031' - 6032 1/2' Sh, dk gr, brtl, fracs in lams, striks siltstn in mott pattern
 1 6032 1/2' - 6034 1/2' S.s., gr, vfg, dns, m hd, NSOF
 6034 1/2' - 6035' 8" Sh, s.a.

2 6035' - 6035 1/2' S.s., vol, brn & gr, fg, m hd, blotchy siltstn & flen, int odor
 6035 1/2' - 6035 3/4' Siltstn, dk gr grn, m hd, irreg fracs brns lt gr col
 6035 3/4' - 6035 1/2' Sh, dk gr, brtl, hd, fracs in lams, striks siltstn
 2 6035 1/2' - 6035 1/2' S.s., vfg, lt gr, sl fri, sr, poor sort, NSOF
 6035 1/2' - 6035 1/2' Sh, dk gr, brtl, dns, hd
 6035 1/2' - 6035 1/2' Siltstn, gr, dns, hd, incl small pebs
 2 6035 1/2' - 6035 1/2' S.s., vol, lt brn & gr, fg, sr, spotty oil stn & flen, int pet odor

4 6035 1/2' - 6076' Siltstn, gr, dns, v hd, brns shy w/striks dk gr sh
 6076' - 6080 1/2' S.s., lt gr, vfg, chky, dns, m hd, sl fri, NSOF
 6080 1/2' - 6081 1/2' 12" Sh, dk gr, brtl, w/striks siltstn
 6081 1/2' - 6093' Rem gmg, fri, more perm, sr, well sort, abd cste
 6093' - 6101' Siltstn, lt gr, v hd, sh patches, dk gr grn
 6101' - 6110' Brns no sh, also chky

December 8, 1956

EST #3 Two hour formation test of interval 5048 - 5875. X sand. Basal Green River

Ran Halliburton tester on dry 4 1/2", 16.6# F.H. B.P., 266' of 6 3/4" O.D. Drill Collars, sidewall anchor tool, three 8" O.D. packers, hydraulic valve, Howco jars and safety jt. Set packers 5843, 5848 and 5875. Sidewall anchor at 5883'. Opened valve 4:06 a.m. for 2 hours then closed for 30 min. shut-in test.

Mud initial blow decreased in 2 min. to weak for remainder of test. Recovered 2262' including 20' mud, 180' gassy muddy water and 2062' gassy water testing 260 ppm GI". (Mud filtrate 60 ppm). Bottom chart indicates bottom packer held o.k.

Chart:

| | IN | IP | FP | SI | FH |
|-----------|------|-----|------|------|------|
| Top BT | 2816 | 73 | 970 | 2150 | 2791 |
| Middle BT | 2843 | 168 | 1600 | 2178 | 2796 |

WELL NO. 14

PROPERTY: Section 16B

RED WASH FIELD

Core #15 - 6110' - 6194' - Recovered 79'

| | | |
|---------|-----------------|---|
| 3- | 6110' - 6111' | Sltstn, gr, dns, hd, strikes dk gr sh |
| | 6111' - 6111½' | S.s., lt gr, vfg, at top bcm fg, gr, below, fw clysta incl, scat blk sph, app wet, perm |
| | 6111½' - 6115' | 5" Sltstn |
| | 6118' | 3" oil stn, dull gold fln, pet odor |
| | 6122½' - 6123½' | 10" Sltstn, gr, dns, v hd, dk gr sh strikes |
| 1 | 6123½' - 6124' | S.s., tn, f-ag, no fln, no odor, poss stn, app wet |
| | 6124' - 6126' | Sltstn, dk gr, cly |
| 4 | 6126' - 6130' | S.s., lt brn, f-ag, gr, perm, vol, oil stn, dull gold fln, pet odor, bcm no stn below |
| | 6130' - 6132' | Sltstn, lt gr, mott w/gr grn clysta |
| | 6132' - 6132½' | Sh, clysta, gr grn |
| Wasatch | 6132½' - 6133' | Rd brn clysta patches, first occurrence Wasatch |
| | 6135' - 6144' | a.a., w/scat clusters rd brn clysta |
| | 6144' - 6147' | Clysta, red brn, vol, badly washed |
| | 6147' - 6159' | Sltstn, gr-grn, v hd, dns, scat strikes dk gr clysta, sh |
| | 6159' - 6160½' | 18" abd osts |
| | 6162' - 6166' | Bcm abd strikes sh, a.a. |
| | 6166' - 6167' | 10" Ost coq |
| | 6167' - 6170½' | Sh, clysta, dk gr grn |
| | 6170½' - 6172' | Sh, clysta, bcm rd brn, vol |
| | 6172' - 6178' | Sltstn, vol, lt gr-gr, dns, v hd, lay |
| | 6178' - 6181' | Ost coq, dolie |
| | 6181' - 6185' | Oil stn in frags |
| | 6185' - 6188½' | Sltstn, gr-dk gr, mott, v hd, irreg frags in lams |
| | 6188½' - 6190' | 8" S.s., fg, sr, slty, abd ost, oil stn? |
| | 6190' - 6194' | Lost recovery 5' possibly above in clysta sections |

Core #16 - 6194' - 6278' - Recovered 74'

| | | |
|--|-----------------|--|
| | 6194' - 6196' | Sh, purple, blk, m aft, slty |
| | 6196' - 6198' | Sltstn, gr, v hd, irreg frags |
| | 6198' - 6199' | Bcm Sh, gr, clysta |
| | 6199' - 6202' | Bcm mott w/brn rd col |
| | 6202' - 6206½' | Sltstn, gr, v hd, a.a. |
| | 6206½' - 6207½' | Bcm mott w/brn red col clysta |
| | 6207½' - 6211½' | Bcm all gr, v hd, a.a. |
| | 6211½' - 6213' | Sh, red brn, vol, mott w/gr grn, purple, etc. |
| | 6213' - 6220' | Sltstn, gr, v hd, dns, irreg frags |
| | 6220' - 6229' | Sh, red brn, vol, mott w/purple, gr, & grn |
| | 6229' - 6230' | Sltstn, gr, chky, m hd, dns |
| | 6230' - 6232' | S.s., fg, gr, w/brn stn, scat, m fri, dull gold fln, extremely penetrating irritating sour odor. (Carbide) |
| | 6232' - 6237½' | Sltstn, gr, hd, irreg frags, odor a.a. |
| | 6237½' - 6241½' | Sh, brn rd, vol w/grn, etc, odor als. |
| | 6241½' - 6249' | Sltstn, gr, hd, v hd, irreg frags |
| | 6249' - 6253' | S.s., purple, brn, fg, even oil stn & dull gold fln |
| | 6253' - 6257' | Bcm spotty stn, patchy siltstn, gr, v hd |
| | 6257' - 6260' | Sltstn, gr, v hd, dns |
| | 6260' - 6262' | Sh, gr grn |
| | 6262' - 6268' | Bcm red brn, vol m aft |
| | 6268' - 6278' | No recovery |

December 11, 1956

WELL NO. 14

PROPERTY: Section 18B

RED WASH FIELD

Ran Schlumberger Electric Log and Microlog - Caliper. Recorded intervals: Electric Log - 6265' - 425'; Microlog - 6264' - 2800'.

MARKERS

| | | |
|-----------------|-------|--------------|
| Top Green River | 3167' | (SS / 2310') |
| H Point | 5034' | (SS / 443') |
| K Point | 5712' | (ES = 235') |

Lost and regained circulation after logging.

December 12, 1956.

Attempted test interval 6216 - 6278. No packer seat.

December 13, 1956.

LOG #1 Two hour formation test of interval 6255' - 6278', K Sands, Basal Green River.

Ran Halliburton Tester on dry 4 1/2", 16.6# F.R. D.P., 266' of 6 3/4" O.D. Drill Collars, 5 3/4" X 23' perf anchor, two 8" packers, hydraulic valve, Howco jars and safety joint. Set packers 6255' and 6248'. Opened valve 7:49 a.m. for 2 hours then closed for 30 min, shut-in test.

Mild blow 5 min. Decreased to weak in 10 min. for remainder of test. Recovered 400' rise, including 45' oil (33.5° API - 105° Pour Pt) and 255' oily muddy water testing 5080 ppm Cl⁻ above tools.

Charts:

| | IH | IF | FF | SI | FH |
|-----------|------|----|-----|------|------|
| Top BT | 3060 | 52 | 176 | 1728 | 2992 |
| Bottom BT | 3074 | 88 | 135 | 1737 | 3012 |

Diamond Cored 8 7/8" hole 4 1/2" D.P., 9 ypg mud.

Core #17 - 6282' - 6359' - Recovered 77'

- 6282' - 6290 1/2' Sh, clysta & mudstn, red brn, vel, badly washed
- 6290 1/2' - 6303' Siltstn, gr-lt gr, dns, m hd, sdy, chky
- 6303' - 6304 1/2' Bcms mott w/red brn sh (clysta)
- 6304 1/2' - 6309' Sh, clysta & mudstn, red brn, sft, badly washed
- 6309' - 6313' Sh, a.a., m hd, not washed, mott w/gr siltstn
- 6313' - 6320' Siltstn, gr-lt gr, dns, m hd, sdy, ti
- 6320' - 6327' S.s., gr, buff, fg, m hd, ti, carbide odor, lt brn spotty stn
- 6327' - 6339' Bcms mg, brn, evn stn, carbide odor, perm, some scat pebs, cgl
- 6339' - 6342' Siltstn, dk gr, mott w/brn red clysta
- 6342' - 6350' Sh, red brn, vel, clysta & mud stn, badly washed as indicated
- 6350' - 6359' Siltstn, gr, v hd, dns

December 15, 1956

WELL NO. 14

PROPERTY: Section 188

RED WASH FIELD

Ran Schlumberger Electric log and Microlog - Caliper. Recorded interval 6359' - 6265'.

MARKERS

None

DST #5 50 minute formation test of interval 6328 - 6359, K Sands, Basal Green River.

Ran Halliburton Tester on dry 4 1/2", 16.6# F.H. D.P., 266' of 6 3/4" D.C., 5 3/4" X 31' perforated annhor, two 8" packers, hydraulic valve, Howco jars and safety joint. Set packers at 6328' and 6323'. Opened valve 7:58 p.m. for 50 min. then closed for 30 min. shut-in test.

Fair blow immediately. Gas to surface in 6 minutes. Flow pitot tube meas - 480 MGF/D @ 15 minutes. Fluid in 20 min. Flowed estimated 250 B/D oily water & 500 MGF/D gas for remainder of test. Fluid cut approximately 95%. Flow sample of water tested 8000 ppm Cl-. Fair blow during bleed off after closing valve. Recovered 365' rise, including 100' oily water (approximately 85% cut). Oil appears high gravity and low pour pt, possibly due to condensate. Bottom 265' oily water.

Charts:

| | IH | IF | FF | SI | FH |
|-----------|------|-----|-----|------|------|
| Top BT | 3015 | 200 | 755 | 2485 | 2920 |
| Bottom BT | 3010 | 290 | 790 | 2670 | 2940 |

Laid down 4 1/2" drill pipe.

December 16, 1956

Cemented 7", 2 3/4" casing at 5800' in two stages.
(Howco D.V. collar at 5200')

First Stage: Howco mixed 60 sacks Control mix to 12 1/2 ppg slurry and followed with 100 sacks neat Type I cement mixed to 15 1/2 ppg slurry. 15 minutes mixing and 5 minutes pumping in 19 bbl mud spacer. 55 min. displacing DV opening plug with 210 bbl mud. Pressure dropped 800 psi to 200 psi. Circulation partial only after 40 min. Pumped 10 bbl. through ports and started second stage.

Second Stage: Mixed 175 sacks Controlmix to 12 1/2 ppg slurry and followed with 100 sacks neat Type I cement mixed to 15 1/2 ppg. Closure plug ahead last 5 sacks. 45 minutes mixing (truck failed) and 28 minutes displacing. Unable to reciprocate casing after first stage. Cement in place 8:45 p.m.

December 16, 1956.

WELL NO. 111

PROPERTY: Section 18B

RED WASH FIELD

Casing Detail

| | | | |
|-------------|-------------|-------|--|
| Bottom | 24 jts. | 1028' | 7" O.D. 23# N-80 Rg 3 new Republic seamless casing with 8 rd ITC. Includes Baker Guide Shoe and Baker Differential Float Collar 2 joints up. Centralizers 5' above shoe and collars approximately 5655', 5155' and 5070'. Scratchers 5155 - 5164'. Howco DV collar at 5200'. |
| Top | 120 jts. cr | 4787' | 7" O.D. 23# J-55 Rg 3 new National seamless with 8 rd ITC. |
| Total | 144 jts. cr | 5815' | |
| Above K.B. | | 15' | |
| Cemented at | | 5800' | |

Casing Summary

Landed 7" casing with 49 tons tension 15' below K.B. leaving 5785' of casing cemented at 5800' (CPD at 5200')

Ran thermometric and located top annular cement at 3750'.

Stood cemented 51 hours. Made up 2 7/8" tubing.

D.O. cement & D.V. collar 5180' - 5205'. D.O. cement 5678' - 5730'.

Displaced hole fluid with 8.8 ppg oil base mud.

December 20, 1956.

Ran McCullough Gamma Ray Collar Locator Log. Recorded interval 5730 - 4500'. Showed DV collar at 5202' (casing measurement 5200').

McCullough perforated following intervals with 3 jets and 4 bullets per foot using collars for reference.

| <u>Schlumberger Depth</u> | <u>Gamma Ray Depth</u> | <u>Core Depth</u> |
|---------------------------|------------------------|-------------------|
| 5660 - 5688 | 5665 - 5693 | 5666 - 5694 |
| 5134 - 5148 | 5136 - 5150 | 5137 - 5151 |
| 5104 - 5130 | 5106 - 5132 | 5107 - 5133 |

December 21, 1956.

WELL NO. 14

PROPERTY: Section 18B

RED WASH AREA

Ran casing scraper to 5730'.

S.O.S. #1 (perforations 5660' - 5688')

Ran Baker Full-bore Retrievable Cementer on 2 7/8" tubing. Spotted 2 barrels of Burner Fuel #5 opposite perfor. Puffed up and set cementer at 5640' after clearing tubing with Burner Fuel. Pressured annulus to 1000 psi. Halliburton broke down formation with 3500 psi. Pumped in 35 barrels Rangely crude in 5 minutes. Followed with 125 barrels B.F. #5 mixed with 2.2 #/gal. 20-40 Ottawa sand in 27 minutes. Followed with 62 barrels Rangely crude then 20 barrels B.F. #5. Injected 135 plug-off balls after 100 barrels of sand oil mix. Maximum pressure 3900 psi while displacing in 15 minutes. Final pressure 1200 psi. Started bleed off after 15 minutes. Shut in after 15 min. bleeding for additional 45 minutes. Then flowed for 3 hours steady rate until formation crude appeared. (65 barrels flow back). Opened packer bypass and bled tubing to dead in 30 minutes.

December 22, 1956.

S.O.S. #2 (perforations 5131' - 5148' and 5101' - 5130')

Ran Baker Retrievable Bridge Plug and Full Bore Retrievable Cementer. Set bridge plug 5172'. Cleared tubing with B.F. #5 and set cementer 5089'. Pressured annulus to 1000 psi. Break-down pressure 2000 psi. Halliburton pumped in 30 barrels Rangely crude. Followed with 185 barrels B.F. #5 mixed with 1.5 #/gal. 20-40 Ottawa sand. Followed with 30 barrels Rangely crude and finally 34 barrels B.F. #5. Max pressure 2000 psi. Displacement time indeterminate due to numerous equipment failures. After 1 hour shut-in bled 1 1/2 hours constant flow (20 barrels). Opened packer bypass and filled annulus. Found sand fill over bridge plug. Circulated over and pulled without recovering bridge plug. Reran and recovered bridge plug.

December 23, 1956.

Landed 2 7/8" tubing at 5619'.

| | | | | |
|------------|----------|----|-------|--|
| Bottom | 1 jts. | or | 31' | 2 7/8" UE 6.5# J-55 Range 2 perforated stinger with orange peeled end, 8 rd T&C. |
| Next | 180 jts. | or | 5575' | 2 1/2" UE 6.5# J-55 Range 2 & 3 8 rd T&C, PSN #16625 (Analson 2 1/2" x 45) at 5557' below K.B. |
| Total | 181 jts. | or | 5606' | |
| Below K.B. | | | 13' | |
| | Hung | | 5619' | |

Swabbed and flowed for production test. After producing back 165 barrels switched flow to formation crude tank. Produced total 942 barrels gross to formation crude tank with approx. 35-40% water out. Gauge last 9 hours 192 barrels gross with 35-40% water out.

Displaced tubing with B.F. #5 and shut well in.

December 25, 1956.

Rig released 4:00 p.m. December 25, 1956.

Tore out equipment and moved out.

H. E. WHITNEY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR
P.O. Box 599, Denver, CO

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 660' FSL & 592' FWL
AT TOP PROD. INTERVAL: (SWSW)
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

5. LEASE
U-0116

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Red Wash

8. FARM OR LEASE NAME

9. WELL NO.
52 (14-18B)

10. FIELD OR WILDCAT NAME
Red Wash

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 18, T17S, R23E

12. COUNTY OR PARISH | 13. STATE
Uintah | Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
DF 5430

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

PULL OR ALTER CASING

MULTIPLE COMPLETE

CHANGE ZONES

ABANDON*

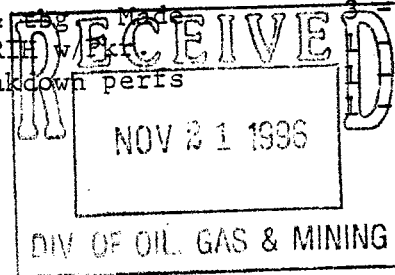
(other) _____

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This well was acidized as follows:

- MIRU, hot oil csg. & tbg, POOH w/rods & tbg, Made run with bit & scraper. C/O to 5730' RIH w/ tbg
- Perfed 5104-30 & 5134-48 w/2 spf. Breakdown perfs w/2% KCL., SWBD Perfs.
- Acidize Perfs 5660-88'.
- Swb. & tested Perfs. POOH w/Pkr.
- RIH w/prod. string, ND BOPE, NU TREE.
- RIH w/pump & rods, RD MOL.



3 - USGS
2 - State
3 - Partners
Field Foreman
Sec. 723
File

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Wm M. Leonard TITLE Engineer Asst. DATE January 27, 1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

**RED WASH UNIT #52
UINTAH COUNTY, UTAH**

ATTACHMENT H

WATER ANALYSIS REPORT

Company: Chevron USA, Inc.

Sampling Date: 29-Jan-96
 Analysis Date: 15-Feb-96
 Sample ID: 1351

Sample Source
 Lease: Red Wash
 Well: Central Battery
 Sample Pt: WIS Pump Suction

Submitted by: Campbell R L
 Sampled by: Campbell R L
 Chem. Treatment:
 Sample Condition:

ANALYTICAL RESULTS

pH at the time of sampling: 8.50
 pH at the time of analysis: 8.50
 Density: 1.007
 Hydrogen Sulfide (H2S):
 TDS: Calculated 9996.8 mg/L

| CONSTITUENT | mg/L | meq/L | method | comments | |
|-----------------|---------|--------|--------|----------|---------|
| ANIONS | | | | | |
| *Bicarbonate | HCO3- | 3170.0 | 51.95 | FIA | |
| Boron | B(OH)4- | 59.5 | .75 | ICP | |
| *Carbonate | CO3-- | 624.0 | 20.80 | FIA | |
| *Chloride | Cl- | 2720.0 | 76.72 | FIA | |
| Phosphate | PO4--- | .0 | .00 | ICP | DL=2.02 |
| *Sulfate | SO4-- | 48.0 | 1.00 | FIA | |
| SUM OF ANIONS= | | | 151.23 | | |
| CATIONS | | | | | |
| Aluminum | Al+++ | 16.7 | 1.86 | ICP | |
| *Barium | Ba++ | .0 | .00 | ICP | DL=2.02 |
| *Calcium | Ca++ | 5.7 | .28 | ICP | |
| Chromium | Cr+++ | .0 | .00 | ICP | DL=10.1 |
| Copper | Cu++ | .0 | .00 | ICP | DL=2.02 |
| *Iron | Fe++ | .0 | .00 | ICP | DL=2.02 |
| Lead | Pb++ | .0 | .00 | ICP | DL=10.1 |
| Lithium | Li+ | .0 | .00 | N.A. | |
| *Magnesium | Mg++ | .0 | .00 | ICP | DL=2.02 |
| Manganese | Mn++ | .0 | .00 | ICP | DL=2.02 |
| Nickel | Ni++ | .0 | .00 | ICP | DL=2.02 |
| Potassium | K+ | 21.2 | .54 | ICP | |
| Silica | SiO2 | 44.7 | .00 | ICP | |
| *Sodium | Na+ | 3287.0 | 142.98 | ICP | |
| *Strontium | Sr++ | .0 | .00 | ICP | DL=2.02 |
| Vanadium | V++ | .0 | .00 | N.A. | |
| SUM OF CATIONS= | | | 145.66 | | |

Ratio of ANIONS:CATIONS 1.04

SATURATION INDEX TABLE

Sample ID: 1351
 pH (at 25.0 deg C): 8.50

| Temperature | | Scale Component | | | | |
|-------------|--------|--------------------|----------------------|------------------------|----------------------|-------------------|
| deg F | deg C | CaCO3 (Calcite) | CaSO4 (Anhydrite) | CaSO4*2H2O (Gypsum) | SrSO4 (Celestite) | BaSO4 (Barite) |
| 32.00 | .00 | .853 | -4.472 | -3.654 | -97.664 | -93.886 |
| 68.00 | 20.00 | .794 | -4.244 | -3.754 | -97.681 | -94.215 |
| 77.00 | 25.00 | .779 | -4.190 | -3.768 | -97.677 | -94.292 |
| 104.00 | 40.00 | .737 | -4.034 | -3.791 | -97.649 | -94.511 |
| 140.00 | 60.00 | .700 | -3.837 | -3.797 | -97.586 | -94.781 |
| 176.00 | 80.00 | .708 | -3.651 | -3.791 | -97.505 | -95.030 |
| 212.00 | 100.00 | .768 | -3.466 | -3.781 | -97.416 | -95.263 |

S.I.=SATURATION INDEX

S.I.=log(Product of activities of component ions/Ksp)

- S.I. less than 0 The water is undersaturated and indicates a non-scaling situation.
- S.I. near or equal to 0 The water is saturated and scale formation is likely.
- S.I. greater than 0 The water is supersaturated and favors scale formation.

POSSIBLE SCALE FORMATION

| Temperature | | Scale Component (mg/1000 g H2O) | | | | |
|-------------|--------|---------------------------------|----------------------|------------------------|----------------------|-------------------|
| deg F | deg C | CaCO3 (Calcite) | CaSO4 (Anhydrite) | CaSO4*2H2O (Gypsum) | SrSO4 (Celestite) | BaSO4 (Barite) |
| 32.00 | .00 | 12. | 0. | 0. | 0. | 0. |
| 68.00 | 20.00 | 12. | 0. | 0. | 0. | 0. |
| 77.00 | 25.00 | 12. | 0. | 0. | 0. | 0. |
| 104.00 | 40.00 | 12. | 0. | 0. | 0. | 0. |
| 140.00 | 60.00 | 11. | 0. | 0. | 0. | 0. |
| 176.00 | 80.00 | 11. | 0. | 0. | 0. | 0. |
| 212.00 | 100.00 | 12. | 0. | 0. | 0. | 0. |

The POSSIBLE SCALE FORMATION predicts the maximum amount of any one scale component that could precipitate from the water as analyzed. As precipitation progresses, these predictions become less accurate.

To estimate the POSSIBLE SCALE FORMATION in lbs/1000 barrels (US 42 gal) use the following:

APPROXIMATE lbs/1000 barrels = (mg/1000g H2O) x 0.35

**RED WASH UNIT #52
UINTAH COUNTY, UTAH**

ATTACHMENT L

RWU #52: CONVERSION TO INJECTION PROCEDURE

1. MIRU. HOT OIL WELL AS NEEDED. TOH AND LD RODS AND PUMP.
2. ND WH AND NU BOPE. RELEASE TUBING ANCHOR AND TOH.
3. CLEAN OUT TO PBTD. TOH AND LD BARE TUBING.
4. RUN GR-CBL-CCL FROM PBTD TO A MINIMUM OF 200' ABOVE CEMENT TOP.
5. TIH WITH RETRIEVABLE TANDEM PACKERS SPACED TO EXCLUDE Hb/Hb50 AND Hc PERFORATIONS FROM THE TARGET INJECTION INTERVAL. CIRCULATE CORROSION INHIBITED PACKER FLUID AND DIESEL FREEZE BLANKET. SET PACKERS AT ~5050' AND ~5200'. NOTE - TUBING SIZE (2-3/8" OR 2-7/8") WILL DEPEND UPON IDLE EQUIPMENT INVENTORY AT TIME OF CONVERSION. ALL EQUIPMENT WILL BE INTERNALLY COATED.
6. ND BOPE AND NU WH. CONDUCT MECHANICAL INTEGRITY TEST (ANNULUS PRESSURE OF 1000 PSI WITH NO MORE THAN 10% LOSS IN 15 MIN). RECORD ON CHART.
7. RDMO.
8. RU WIRELINE UNIT AND RUN PRESSURE BOMB TO DETERMINE STATIC BOTTOM HOLE PRESSURE. RD WIRELINE.
9. TWOTP. INJECTION WILL COMMENCE FOLLOWING COMPLETION OF INJECTION FLOWLINE, METER RUN INSTALLATION AND EPA AUTHORIZATION IN INJECT.

**RED WASH UNIT #52
UINTAH COUNTY, UTAH**

ATTACHMENT M

PROPOSED WELLBORE DIAGRAM

WELL: RED WASH UNIT #52
 LOCATION: 660' FSL & 592' FWL
 SWSW-SEC. 18-T7S-R23E
 UINTAH COUNTY, UTAH

KBE: 5477'
 GLE: 5465'
 TD: 6359'
 PBTD: 5730'

LEASE: U-0116
 API #: 43-047-15178

SURFACE HOLE & CASING:

HOLE SIZE: 15"
 CSG. TYPE & SIZE: 10-3/4" 40.5# J-55
 SETTING DEPTH: 425'
 CEMENT: 275 SX COMMON
 CEMENT TOP: SURFACE

TUBING DETAIL:
 2 7/8" 6.5# J-55 -or-
 2 3/8" 4.7# J-55

GEOLOGIC MARKERS:

UINTA: SURFACE
 GREEN RIVER: 3115'
 OIL SHALE: 3865-3885'
 TARGET INTERVAL: 5629-5714'

PERFORATIONS:

| | | |
|----------|---------|----------|
| 5104-30' | Hb/Hb50 | EXCLUDED |
| 5134-48' | Hc | EXCLUDED |
| 5629' | Jb | OPEN |
| 5660-88' | Jd/Je | OPEN |
| 5714' | K | OPEN |

ORIGINAL TOC @ UNKNOWN

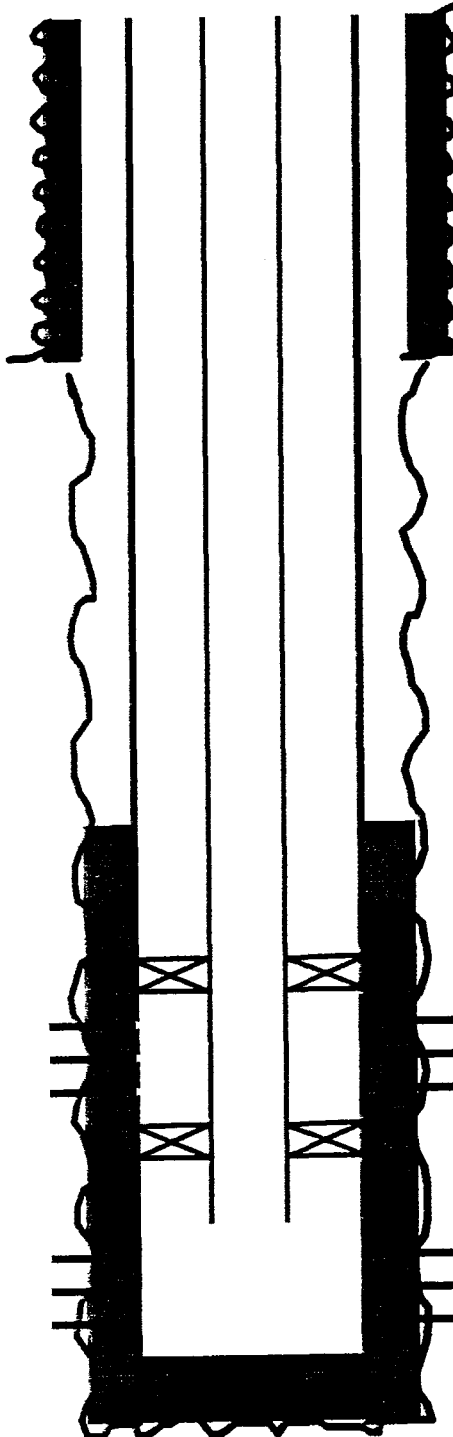
PACKER #1 SET @ 5050'

PACKER #2 SET @ 5200'

PRODUCTION HOLE AND CASING:

HOLE SIZE: 9"
 CSG. TYPE & SIZE: 7" 23# J-55 / N-80
 SETTING DEPTH: 5800'
 CEMENT: 160 SX REGULAR OUT SHOE :
 275 SX REGULAR OUT DV TOOL
 AT 5200'

PBTD: 5730'
 TD: 6359'



**RED WASH UNIT #52
UINTAH COUNTY, UTAH**

ATTACHMENT Q

P & A PLAN WELLBORE DIAGRAM

WELL: RED WASH UNIT #52
 LOCATION: 660' FSL & 592' FWL
 SWSW-SEC. 18-T7S-R23E
 UINTAH COUNTY, UTAH

LEASE: U-0116
 API #: 43-047-15178

PLUG #4: SURFACE PLUG
 PERFORATE @ 300' AND
 CIRCULATE 142.81 SX CLASS H
 CEMENT TO SURFACE.
 TOP @ SURFACE
 BOTTOM @ 300'

ORIGINAL TOC @ UNKNOWN

PLUG #3: GREEN RIVER PLUG
 PERFORATE @ 3165' & SET
 CICR @ 3065'. SQUEEZE 37.31
 SX CLASS H CEMENT UNDER CICR.
 TOP @ 3065'
 BOTTOM @ 3165'

PLUG #2: OIL SHALE PLUG
 PERFORATE AT 3935' & SET
 CICR @ 3815'. SQUEEZE
 44.77 SX CLASS H CEMENT
 UNDER CICR.
 TOP @ 3815'
 BOTTOM @ 3935'

PLUG #1: CIBP @ 5050'
 DUMP-BAIL 35' CLASS H
 CEMENT ON CIBP
 TOP @ 5015'
 BOTTOM @ 5050'

PBTD: 5730'
 TD: 6359'

KBE: 5477'
 GLE: 5465'
 TD: 6359'
 PBTD: 5730'

SURFACE HOLE & CASING:

HOLE SIZE: 15"
 CSG. TYPE & SIZE: 10-3/4" 40.5# J-55
 SETTING DEPTH: 425'
 CEMENT: 275 SX COMMON
 CEMENT TOP: SURFACE

GEOLOGIC MARKERS:

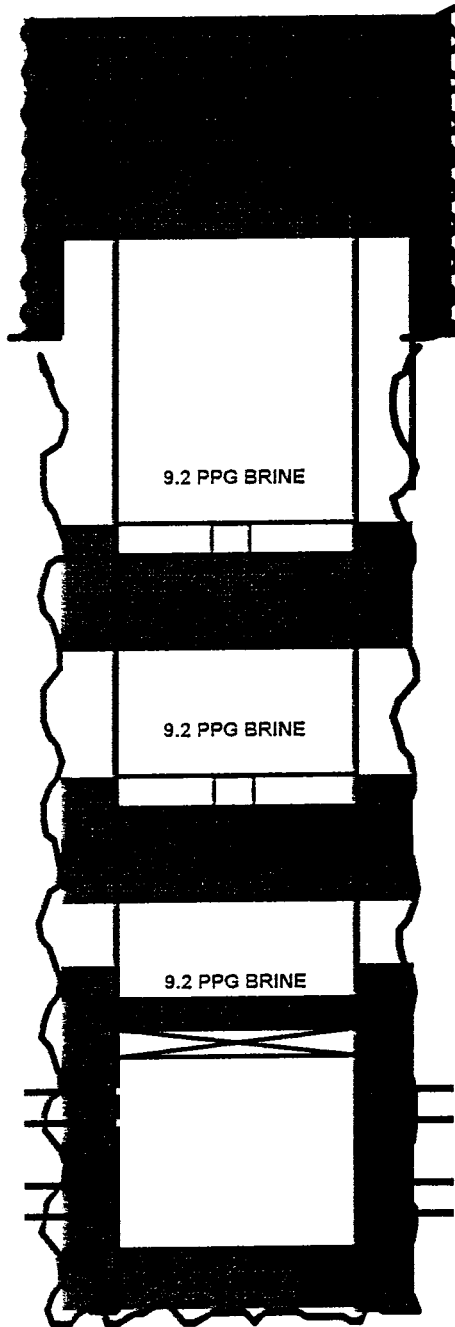
UINTA: SURFACE
 GREEN RIVER: 3115'
 OIL SHALE: 3865-3885'
 TARGET INTERVAL: 5629-5714'
 WASATCH: 6188'

PERFORATIONS:

5104-30' Hb/Hb50
 5134-48' Hc
 5629' Jb
 5660-88' Jd/Je
 5714' K

PRODUCTION HOLE AND CASING:

HOLE SIZE: 9"
 CSG. TYPE & SIZE: 7" 23# J-55 / N-80
 SETTING DEPTH: 5800'
 CEMENT: 160 SX REGULAR OUT
 SHOE : 275 SX REGULAR
 OUT DV TOOL AT 5200'



RWU #52: PLUGGING PROCEDURE

1. MIRU. ND WH AND NU BOPE.
2. RELEASE PACKER, TOH AND RIH WITH INTERNALLY COATED INJECTION STRING.
3. POH BIT, SCRAPER AND WORKSTRING. CLEAN OUT TO ~5065'.
4. PLUG #1: SET CIBP @ 5050' AND DUMP-BAIL 35' (7.30 SX) CLASS H CEMENT ON THE SAME. DISPLACE WELL WITH 9.2 PPG BRINE TO ~3800'.
5. PLUG #2 (OIL SHALE 3865-3885'): PERFORATE @ 3935' AND SET CICR @ 3815'. SQUEEZE 44.77 SX CLASS H CEMENT UNDER CICR, STING-OUT OF CICR AND CIRCULATE CLEAN. DISPLACE WELL VOLUME ABOVE CICR WITH 9.2 PPG BRINE TO ~3050'.
6. PLUG #3 (GREEN RIVER 3115'): PERFORATE @ 3165' AND SET CICR @ 3065'. SQUEEZE 37.31 SX CLASS H CEMENT UNDER CICR, STING-OUT OF CICR AND CIRCULATE CLEAN. DISPLACE WELL VOLUME ABOVE CICR WITH 9.2 PPG BRINE TO SURFACE.
7. PLUG #4 (SURFACE CASING PLUG): TOP OF CEMENT UNKNOWN. PERFORATE @ 300' AND PUMP 142.81 SX CLASS H CEMENT. CIRCULATE TO SURFACE.
8. CUT OFF WH AND INSTALL DRY HOLE MARKER.
9. RDMO. NOTIFY OPERATIONS TO REHAB LOCATION.

**RED WASH UNIT #52
UINTAH COUNTY, UTAH**

ATTACHMENT T

INJECTI WELL INVENTORY
 RED WASH UNIT
 Uintah County, Utah

| WELL | LOCATION | API # | EPA ID # |
|----------------|----------------|--------------|----------|
| #100A (43-21A) | NESE-21-7S-22E | 43-047-15219 | UT02463 |
| #102 (41-24A) | SENE-24-7S-22E | 43-047-15221 | UT02406 |
| #11 (34-27B) | SWSE-27-7S-23E | 43-047-15142 | UT02395 |
| #14 (14-13B) | SWSW-13-7S-23E | 43-047-15144 | UT02396 |
| #148 (13-22B) | NWSW-22-7S-23E | 43-047-15261 | UT02407 |
| #156 (23-15B) | NESW-15-7S-23E | 43-047-15267 | UT02409 |
| #173 (21-21B) | NENW-21-7S-23E | 43-047-16496 | UT02439 |
| #174 (21-20B) | NENW-20-7S-23E | 43-047-15281 | UT02411 |
| #182 (14-21B) | SWSW-21-7S-23E | 43-047-16497 | UT02440 |
| #183 (33-13B) | NWSE-13-7S-23E | 43-047-15289 | UT02412 |
| #185 (41-14B) | NENE-14-7S-23E | 43-047-16498 | UT02441 |
| #199 (43-22A) | NESE-22-7S-22E | 43-047-15301 | UT02414 |
| #2 (14-24B) | SWSW-24-7S-23E | 43-047-16472 | UT02416 |
| #213 (41-33B) | NENE-33-7S-23E | 43-047-20060 | UT02444 |
| #216 (21-27A) | NENW-27-7S-22E | 43-047-30103 | UT02446 |
| #23 (21-23B) | NENW-23-7S-23E | 43-047-15151 | UT02397 |
| #25 (23-23B) | NESW-23-7S-23E | 43-047-16476 | UT02420 |
| #264 (31-35B) | NWNE-35-7S-23E | 43-047-30519 | UT02449 |
| #275 (31-26B) | NWNE-26-7S-23E | 43-047-31077 | UT02455 |
| #279 (11-36B) | NWNW-36-7S-23E | 43-047-31052 | UT02453 |
| #34 (23-14B) | NWSW-14-7S-23E | 43-047-15161 | UT02398 |
| #56 (41-28B) | NENE-23-7S-23E | 43-047-15182 | UT02400 |
| #59 (12-24B) | SWNW-24-7S-23E | 43-047-16477 | UT02421 |
| #6 (41-21B) | NENE-21-7S-23E | 43-047-16482 | UT02426 |
| #61 (12-27A) | SWNW-27-7S-22E | 43-047-16478 | UT02422 |
| #7 (41-27B) | NENE-27-7S-23E | 43-047-15205 | UT02417 |
| #88 (23-18B) | NESW-18-7S-23E | 43-047-15210 | UT02404 |
| #91 (33-22B) | NWSE-22-7S-23E | 43-047-16479 | UT02423 |
| #93 (43-27B) | NESE-27-7S-23E | 43-047-16480 | UT02424 |
| #271 (42-35B) | SENE-35-7S-23E | 43-047-31081 | UT02458 |
| #281 (11-25B) | NWNW-25-7S-23E | 43-047-31078 | UT02456 |
| #134 (14-28B) | SWSW-23-7S-23E | 43-047-16489 | UT02433 |
| #139 (43-29B) | NESE-29-7S-23E | 43-047-16490 | UT02434 |
| #150 (31-22B) | NWNE-22-7S-23E | 43-047-15263 | UT02408 |
| #16 (43-28B) | NESE-28-7S-23E | 43-047-16475 | UT02419 |
| #161 (14-20B) | SWSW-20-7S-23E | 43-047-15271 | UT02410 |
| #170 (41-15B) | NENE-15-7S-23E | 43-047-16495 | UT02438 |
| #202 (21-34A) | NENW-34-7S-22E | 43-047-15303 | UT02415 |
| #215 (43-28A) | NESE-23-7S-22E | 43-047-30058 | UT02445 |
| #253 (24-26B) | SESW-26-7S-23E | 43-047-30518 | UT02448 |
| #255 (44-26B) | SESE-26-7S-23E | 43-047-30520 | UT02450 |
| #266 (33-26B) | NWSE-26-7S-23E | 43-047-30521 | UT02451 |
| #259 (13-26B) | NWSW-26-7S-23E | 43-047-30522 | UT02452 |
| #48 (32-19B) | SWNE-19-7S-23E | 43-047-15174 | UT02399 |
| #60 (43-30B) | NESE-30-7S-23E | 43-047-15184 | UT02401 |
| #63 (41-13B) | NENE-13-7S-23E | 43-047-16485 | UT02429 |
| #97 (23-18C) | NESW-13-7S-24E | 43-047-15216 | UT02405 |

INJECTION WELL INVENTORY
WONSITS VALLEY FEDERAL UNIT
UINTAH COUNTY, UTAH

| WELL | LOCATION | API# | EPA ID# |
|------------|----------------|--------------|--------------|
| SC #12-23 | NESE-23-3S-21E | 43-047-20203 | UT02367 |
| WVFU #126 | NWNE-21-3S-21E | 43-047-30796 | UT02509 |
| WVFU #140 | NWNW-15-3S-21E | 43-047-31707 | UT03508 |
| WVFU #143 | NWSE-10-3S-21E | 43-047-31808 | UT03509 |
| WVFU #16 | NENE-15-3S-21E | 43-047-15447 | UT02469 |
| WVFU #21 | NENE-16-3S-21E | 43-047-15452 | UT02471 |
| WVFU #23-2 | NESW-11-3S-21E | 43-047-31524 | UT02510 |
| WVFU #31 | NENW-14-3S-21E | 43-047-15460 | UT02394 |
| WVFU #36 | NESW-10-3S-21E | 43-047-15464 | UT02479 |
| WVFU #40-2 | NESE-10-3S-21E | 43-047-31798 | UT02511 |
| WVFU #41 | NENW-15-3S-21E | 43-047-15496 | UT02483 |
| WVFU #59 | SWNW-14-3S-21E | 43-047-20018 | UT03505 |
| WVFU #60 | SWSE-15-3S-21E | 43-047-20019 | UT03506 |
| WVFU #67 | NESW-15-3S-21E | 43-047-20043 | UT02497 |
| WVFU #68 | NESE-15-3S-21E | 43-047-20047 | UT02498 |
| WVFU #71-2 | SWSW-15-3S-21E | 43-047-32449 | UT2712-03777 |
| WVFU #72 | SWSW-16-3S-21E | 43-047-20058 | UT02501 |
| WVFU #73 | NESE-16-3S-21E | 43-047-20066 | UT02502 |
| WVFU #78 | NESW-16-3S-21E | 43-047-20115 | UT02504 |
| WVFU #9 | NESE-12-3S-21E | 43-047-15440 | UT02466 |
| WVFU #50 | SWNE-15-3S-21E | 43-047-15477 | UT03504 |
| WVFU #52 | NENE-13-3S-21E | 43-047-15479 | UT02460 |
| WVFU #61 | NENW-18-3S-22E | 43-047-20023 | UT02495 |
| WVFU #66 | SWSE-14-3S-21E | 43-047-20042 | UT03098 |
| WVFU #120 | NENW-22-3S-21E | 43-047-32462 | UT2770-04264 |

INJECTION WELL INVENTORY
GYPSUM HILLS UNIT
UINTAH COUNTY, UTAH

| WELL | LOCATION | API # | EPA ID # | WELL STATUS |
|---------------------|----------------|--------------|--------------|----------------|
| COSTAS FED #1-20-4B | NESW-20-8S-21E | 43-047-31006 | UT2726-03792 | AC |
| COSTAS FED #2-20-3B | NESE-20-8S-21E | 43-047-31066 | UT03722 | AC |
| COSTAS FED #3-21-1D | SWNW-21-8S-21E | 43-047-31604 | UT02714 | AC |
| GHU #10 | NWSE-21-8S-20E | 43-047-32306 | UT03721 | AC |
| GHU #12 | NESE-19-8S-21E | 43-047-32458 | UT2727-03794 | AC |
| GHU #3 | NENE-20-8S-21E | 43-047-20002 | UT2759-04241 | AC |
| GHU #6 | NENW-20-8S-21E | 43-047-30099 | UT2760-04242 | AC |
| GHU #8-1 | SWNE-20-8S-21E | 43-047-31932 | UT02715 | AC |

PROOF OF PUBLICATION

STATE OF UTAH,

} SS.

County of Uintah

OFFICE COPY

I, SHEILA S. WHEELER,

being duly sworn, depose and say, that I am the Business Manager of The Vernal Express, a weekly newspaper of general circulation, published each week at Vernal, Utah, that the notice attached hereto was published in said newspaper

for 1 publications,

the first publication having been made on

the 25th day of December, 1996 and the

last on the 25th day of December, 1996,

that

said notice was published in the regular and entire issue of every number of the paper during the period and times of publication, and the same was published in the newspaper proper and not in a supplement.

By *Sheila S. Wheeler*
Manager

Subscribed and sworn to before me, this 25th day of December A.D. 1996.

Jack R. Wallis
Notary Public, Residence, Vernal, Utah

NOTICE OF AGENCY ACTION

CAUSE NO. UIC-186 BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH

IN THE MATTER OF APPLICATION OF CHEVRON USA, INC. FOR ADMINISTRATIVE APPROVAL OF THE RED WASH 17, 52 AND 258 WELLS LOCATED IN SECTION 20, 18 AND 22, TOWNSHIP 7 SOUTH, RANGE 22 AND 23 EAST, S.L.M., UINTAH COUNTY, UTAH AS CLASS II INJECTION WELLS

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Chevron USA Inc. for administrative approval of the Red Wash 17, 52 and 258 wells, located in Sections 20, 18 and 22, Township 7 South, Range 22 and 23 East, S.L.M., Uintah County, Utah for conversion to Class II injection wells. The proceedings will be conducted in accordance with Utah Admin. R649-0, Administrative Procedures.

The interval from 5507 feet to 5714 feet (Green River Formation) will be selectively perforated for water injection. The maximum injection pressure will be limited for each individual well based on perforation depth and submittal fracture pressure information.

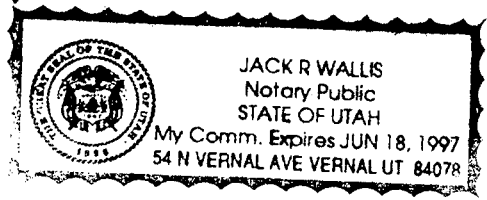
Any person desiring to object to the application or otherwise intervene in the proceeding must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 16th day of December 1996.

STATE OF UTAH DIVISION OF OIL, GAS & MINING

R. J. FIRTH, Associate Director, Oil & Gas

Published in the Vernal Express Dec. 25, 1996.



143 SOUTH MAIN ST.
P.O. BOX 45838
SALT LAKE CITY, UTAH 84145
FED. TAX I.D.# 87-0217663

Newspaper Agency Corporation
The Salt Lake Tribune  DESERET NEWS

CUSTOMER'S COPY

PROOF OF PUBLICATION

| CUSTOMER NAME AND ADDRESS | ACCOUNT NUMBER | DATE |
|--|----------------|----------|
| DIV OF OIL, GAS & MINING 1594 W NORTH TEMPLE STE # 1210 SALT LAKE CITY UT 84114 | D5385340L-07 | 12/21/96 |

| ACCOUNT NAME | |
|---------------------------------|----------------|
| DIV OF OIL, GAS & MINING | |
| TELEPHONE | INVOICE NUMBER |
| 801-538-5340 | TLCI8200561 |
| SCHEDULE | |
| START 12/21/96 END 12/21/96 | |
| CUST. REF. NO. | |
| UIC-186 | |
| CAPTION | |
| NOTICE OF AGENCY ACTION CAUSE N | |
| SIZE | |
| 74 LINES 1.00 COLUMN | |
| TIMES | RATE |
| 1 | 1.64 |
| MISC. CHARGES | AD CHARGES |
| .00 | 121.36 |
| TOTAL COST | |
| 121.36 | |

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NOTICE OF AGENCY ACTION
CAUSE NO. UIC-186
BEFORE THE DIVISION OF OIL,
GAS AND MINING
DEPARTMENT OF NATURAL
RESOURCES, STATE OF UTAH

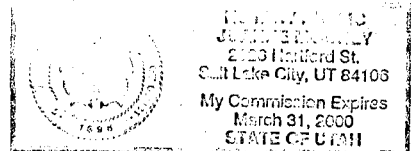
IN THE MATTER OF THE APPLI-
CATION OF CHEVRON USA, INC.
FOR ADMINISTRATIVE APPROVAL
OF THE RED WASH 17, 52 AND
258 WELLS LOCATED IN SEC-
TIONS 20, 48 AND 22, TOWNSHIP
7 SOUTH, RANGE 22 AND 23
EAST, S.L.M., UTAH COUNTY,
UTAH, AS CLASS II INJECTION
WELLS.

AFFIDAVIT OF PUBLICATION

PAPER AGENCY CORPORATION LEGAL BOOKKEEPER, I CERTIFY THAT THE ATTACHED
STATEMENT OF NOTICE OF AGENCY ACTION CAUSE N FOR
OIL, GAS & MINING WAS PUBLISHED BY THE NEWSPAPER AGENCY
ACTION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS
IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED
SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH.

ON START 12/21/96 END 12/21/96

BY Jane Mosey
12/21/96



The interval from 5507 feet to
5714 feet (Green River Forma-
tion) will be selectively perforat-
ed for water injection. A maxi-
mum injection pressure will be
limited for each individual well
based on perforation depth
and submittal fracture pressure
information.

Any person desiring to object
to the application or otherwise
intervene in the proceeding,
must file a written protest or no-
tice of intervention with the Divi-
sion within fifteen days follow-
ing publication of this notice. If
such a protest or notice of inter-
vention is received, a hearing
will be scheduled before the
Board of Oil, Gas and Mining.
Protestants and/or intervenors
should be prepared to demon-
strate at the hearing how this
matter affects their interests.

DATED this 16th day of De-
cember, 1996.

STATE OF UTAH
DIV. OF OIL, GAS AND MINING
R. J. Firth
Associate Director, Oil & Gas
CI820050

IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT.

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

---ooOoo---

| | | |
|------------------------------|---|-------------------|
| IN THE MATTER OF THE | : | NOTICE OF AGENCY |
| APPLICATION OF CHEVRON | : | ACTION |
| USA, INC. FOR ADMINISTRATIVE | : | |
| APPROVAL OF THE RED WASH 17, | : | CAUSE NO. UIC-186 |
| 52 AND 258 WELLS LOCATED IN | : | |
| SECTIONS 20, 18 AND 22, | : | |
| TOWNSHIP 7 SOUTH, RANGE 22 | : | |
| AND 23 EAST, S.L.M., UINTAH | : | |
| COUNTY, UTAH, AS CLASS II | : | |
| INJECTION WELLS | : | |

---ooOoo---

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Chevron USA, Inc. for administrative approval of the Red Wash 17, 52 and 258 wells, located in Sections 20, 18 and 22, Township 7 South, Range 22 and 23 East, S.L.M., Uintah County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

The interval from 5507 feet to 5714 feet (Green River Formation) will be selectively perforated for water injection. The maximum injection pressure will be limited for each individual well based on perforation depth and submittal fracture pressure information.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 16th day of December 1996.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



R. J. Firth
Associate Director, Oil & Gas



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

December 16, 1996

Newspaper Agency Corporation
Legal Advertising
Tribune Building, Front Counter
143 South Main
Salt Lake City, Utah 84111

Re: Notice of Agency Action - Cause No. UIC-186

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 1594 West North Temple, Suite 1210, P.O. Box 145801, Salt Lake City, Utah 84114-5801.

Sincerely,

A handwritten signature in cursive script that reads "Lorraine Platt".

Lorraine Platt
Secretary

Enclosure





State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

December 16, 1996

Vernal Express
P.O. Box 1000
54 North Vernal Avenue
Vernal, Utah 84078

Re: Notice of Agency Action - Cause No. UIC-186

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 1594 West North Temple, Suite 1210, P.O. Box 145801, Salt Lake City, Utah 84114-5801.

Sincerely,

A handwritten signature in cursive script that reads "Lorraine Platt".

Lorraine Platt
Secretary

Enclosure



**Chevron USA, Inc.
Red Wash 17, 52 and 258 Wells
Cause No. UIC-186**

Publication Notices were sent to the following:

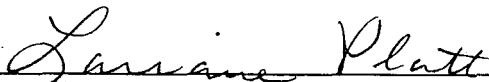
Chevron USA, Inc.
11002 East 17500 South
Vernal, Utah 84078-8526

Newspaper Agency Corporation
Legal Advertising
157 Regent Street
Salt Lake City, Utah 84110

Vernal Express
P.O. Box 1000
54 North Vernal Avenue
Vernal, Utah 84078

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

U.S. Environmental Protection Agency
Region VIII
Attn: Dan Jackson
999 18th Street
Denver, Colorado 80202-2466



Lorraine Platt
Secretary
December 16, 1996



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

December 31, 1996

Chevron USA Production Company
11002 East 17500 South
Vernal, Utah 84078-8526
Attention: John Conley

Re: Injection Applications for Red Wash Unit Wells 17, 52, 258
and Wonsits Valley Wells 35 and 97

Dear Mr. Conley:

Applications for the above referenced wells have been received by the Division. A public notice was sent to the Salt Lake Tribune and the Vernal Express, both of which were published on or about December 24, 1996.

The applications are technically complete, however pursuant to Division rules the area of review (AOR) is a one-half mile radius around the proposed well. Additionally, Division rules require that an affidavit be submitted stating that all operators, surface owners and lease holders within the one-half mile AOR have been notified of your intent.

Please submit the above information at your earliest convenience so that the review of the application can be completed. If you have any questions please call me at 801-538-5338.

Sincerely,

A handwritten signature in black ink, appearing to read "Dan J. Jarvis".

Dan J. Jarvis
UIC Geologist





State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

May 6, 1997

Chevron USA, Inc.
11002 East 17500 South
Vernal, Utah 84078-8526

Re: Red Wash Unit 17, 52 and 258 wells, Sections 20, 18 and 22, Township 7 South,
Range 22 and 23 East, Uintah County, Utah

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced wells to Class II injection wells. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Chevron USA, Inc.

If you have any questions regarding this approval or the necessary requirements, please contact Dan Jarvis at this office.

Sincerely,

A handwritten signature in cursive script that reads "Lowell P. Braxton".

Lowell P. Braxton
Deputy Director

cc: Dan Jackson, Environmental Protection Agency
Bureau of Land Management, Vernal



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-186

Operator: Chevron USA, INC.
Wells: Red Wash Unit 17, 52 and 258
Location: Sections 20, 18, and 22 Township 7 South, Range 22
and 23 East, County: Uintah
API No.: 43-047-15146, 43-047-15178 and 43-047-30458
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on May 6, 1997
2. Maximum Allowable Injection Pressure: 1917 psig for the RWU 17, 1936 psig for the RWU 52 and 1894 psig for the RWU 258
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: 5507 feet to 5714 feet (Green River Formation)

Approved by:

Lowell P. Buxton
Lowell P. Buxton
Deputy Director

5/6/97

Date

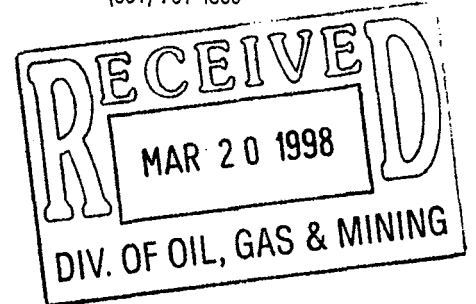
MARCH 11, 1998



**MINOR PERMIT MODIFICATION REQUESTS
FRACTURE GRADIENT ASSIGNMENT
RED WASH UNIT**

Chevron U.S.A. Production Co.
Rocky Mountain Profit Center
11002 East 17500 South
Vernal, UT 84078-8526
(801) 781-4300

**MR. CHUCK WILLIAMS
UIC IMPLEMENTATION SECTION
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION VIII
999 18th STREET - SUITE 500
DENVER, CO 80202-2466
8P2-W-GW**



Dear Mr. Williams:

Based on January 1998 step-rate data from several Red Wash Unit wells, Sharon L. Kercher, Director, Technical Enforcement Program, approved the use of a 0.81 psi/ft. fracture gradient in the calculation of maximum surface injection pressure for rule authorized wells in the Unit. Ms. Kercher's February 18, 1998 letter stated that this authorization does not apply to any wells in Red Wash Unit with individual UIC Permits. Please recall that a value of 0.78 psi/ft. was assigned to Red Wash Unit several years ago and has been used in all UIC Permit Applications since. Given recent step-rate data, we believe a value of 0.81 psi/ft. should be assigned to all water injectors in Red Wash Unit and respectfully request several minor permit modifications to reflect this change. The following permits are involved:

S. 18 T. 7S R. 23E

| Well | EPA ID# | Water S.G. | Top Perf. ft. | Max. Surface Pressure, psi |
|----------|--------------|------------|---------------|----------------------------|
| RWU #17 | UT2810-04346 | 1.015 | 5572 | 2064 |
| RWU #52 | UT2811-04347 | 1.0071 | 5660 | 2116 |
| RWU #258 | UT2812-04348 | 1.025 | 5507 | 2016 |
| RWU #261 | UT2835-04402 | 1.015 | 5655 | 2095 |
| RWU #268 | UT2832-04399 | 1.015 | 5573 | 2064 |
| RWU #283 | UT2833-04400 | 1.0071 | 5583 (est.) | 2087 |
| RWU #301 | UT2834-04401 | 1.015 | 5090 | 1886 |

*43-047-15146
43-047-15178
43-047-30458
43-047-32739
43-047-32980
43-047-32982
43-047-31682*

Please note that water specific gravities relate to the injection station each well will be tied to. Details can be found in our 1997 UIC Annual Monitoring Report, which was previously submitted. If you need additional information, please call S. D. McPherson at (435) 781-4310.

Sincerely,

**J. T. CONLEY
RED WASH ASSET TEAM LEADER**

cc Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, UT 84114-5801
Attn. Mr. Gil Hunt

U.S Department of the Interior
Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
Oil Gas
 Well Well Other

2. Name of Operator
CHEVRON U.S.A. PRODUCTION COMPANY

3. Address and Telephone No
11002 E. 17500 S. VERNAL, UT 84078-8526 (801) 781-4300

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
660' FSL & 592' FWL (SW SW) SECTION 18, T7S, R23E, SLBM

5. Lease Designation and Serial No.
U-0116

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA, Agreement Designation
RED WASH UNIT

8. Well Name and No.
RED WASH UNIT 52 14-18B

9. API Well No.
43-047-15178

10. Field and Pool, or Exploratory Area
RED WASH - GREEN RIVER

11. County or Parish, State
UINTAH, UTAH

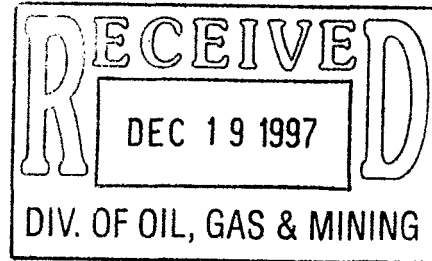
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION |
|--|--|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Abandonment |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Plugging Back |
| | <input type="checkbox"/> Casing Repair |
| | <input type="checkbox"/> Altering Casing |
| | <input checked="" type="checkbox"/> Other <u>TA STATUS OF WELL</u> |
| | <input type="checkbox"/> Change of Plans |
| | <input type="checkbox"/> New Construction |
| | <input type="checkbox"/> Non-Routine Fracturing |
| | <input type="checkbox"/> Water Shut-Off |
| | <input type="checkbox"/> Conversion to Injection |
| | <input type="checkbox"/> Dispose Water |

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

CHEVRON IS REQUESTING A TA STATUS ON THE ABOVE WELL. THIS WELL HAS POTENTIAL FUTURE USE IN RECONFIGURED PATTERN WATERFLOOD.



14. I hereby certify that the foregoing is true and correct.
Signed D C Janner Title COMPUTER SYSTEMS OPERATOR Date 12/10/97

(This space for Federal or State office use)

Approved by: _____ Title _____ Date _____

Conditions of approval, if any _____

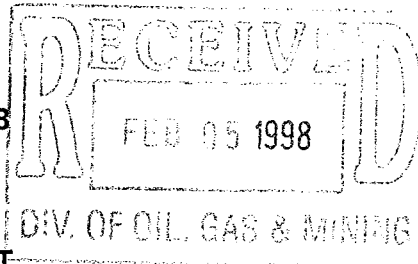
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

FEBRUARY 3, 1998



Chevron

RWU #17 (41-20B), UT2810-04346
RWU #52 (14-18B), UT2811-04347
RWU #258 (34-22A), UT2812-04348
RED WASH UNIT
WVFU #35, UT2813-04351
WVFU #97, UT2814-04350
WONSITS VALLEY FEDERAL UNIT
UINTAH COUNTY, UTAH



Chevron U.S.A. Production Co.
Rocky Mountain Profit Center
11002 East 17500 South
Vernal, UT 84078-8526
(801) 781-4300

MR. CHUCK WILLIAMS
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION VIII
999 18th STREET - SUITE 500
DENVER, CO 80202-2466
8P2-W-GW

Dear Mr. Williams:

UIC Permits for the captioned wells will expire during March and April of 1997 if conversions to injection have not been completed. While much of the delay in converting these wells is due to capital budget constraints during 1997, we have also had some difficulty obtaining injection flowline right-of-ways. Although we plan to complete the conversions during the first half of 1998, right-of-way issues and a recent shortage of downhole equipment in our industry may delay the actual timing beyond the expiration dates.

For these reasons, Chevron respectfully requests a one year extension for the captioned UIC permits. EPA's prompt approval of this request will be greatly appreciated. Please contact Steven McPherson at (435) 781-4310 with any questions or additional information needs you may have.

Sincerely,

J. T. CONLEY
RED WASH ASSET TEAM LEADER

Enclosures

cc Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, UT 84114-5801
Attn. Mr. Gil Hunt

U.S Department of the Interior
Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078



Chevron

FEBRUARY 24, 1999

PERMIT EXTENSION REQUESTS
RWU #52 (14-18B), UT2811-04347 -
~~RWU #52 (14-18B), UT2834-04401~~
RED WASH UNIT
UINTAH COUNTY, UTAH

43-047-15178
Chevron U.S.A. Production Co.
Rocky Mountain Basin
Red Wash Asset Team
11002 East 17500 South
Vernal, UT 84078-8526
(435) 781-4300

MR. CHUCK TINSLEY
EPA REGION VIII
999 18th STREET - SUITE 500
DENVER, CO 80202-2466
8P2-W-GW

Dear Mr. Tinsley:

We request approval of one year permit extensions for the captioned wells. While we remain convinced that both will be very effective Class II ER water injectors, the very poor oil industry business environment resulting from record low product prices has caused us to reconsider and defer certain projects. We plan to defer projects such as these conversions until business conditions improve.

Economic factors beyond our control have led to this request, and your approval of the extensions would be appreciated. If you have questions or would like to discuss this matter, please contact me at (435) 781-4301.

Sincerely,

J. T. CONLEY
RED WASH ASSET TEAM LEADER

cc

Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, UT 84114-5801
Attn. Mr. Gil Hunt

U.S Department of the Interior
Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078

**Approved by the
Utah Division of
Oil, Gas and Mining**
Date: 3/2/99
By:

COPY SENT TO OPERATOR
Date: 3-2-99
Initials: CHD

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
Oil Gas
 Well Well Other

2. Name of Operator
CHEVRON U.S.A. PRODUCTION COMPANY

3. Address and Telephone No
11002 E. 17500 S. VERNAL, UT 84078-8526 (801) 781-4300

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
660' FSL & 592' FWL (SW SW) SECTION 18, T7S, R23E, SLBM

5. Lease Designation and Serial No.
U-0116

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA, Agreement Designation
RED WASH UNIT

8. Well Name and No.
RED WASH UNIT 52 14-18B

9. API Well No.
43-047-15178

10. Field and Pool, or Exploratory Area
RED WASH - GREEN RIVER

11. County or Parish, State
UINTAH, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

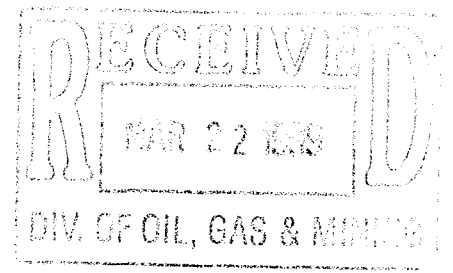
| TYPE OF SUBMISSION | TYPE OF ACTION |
|---|---|
| <input type="checkbox"/> Notice of Intent | <input type="checkbox"/> Abandonment |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Plugging Back |
| | <input type="checkbox"/> Casing Repair |
| | <input type="checkbox"/> Altering Casing |
| | <input checked="" type="checkbox"/> Other <u>TA STATUS FOR WELL</u> |
| | <input type="checkbox"/> Change of Plans |
| | <input type="checkbox"/> New Construction |
| | <input type="checkbox"/> Non-Routine Fracturing |
| | <input type="checkbox"/> Water Shut-Off |
| | <input type="checkbox"/> Conversion to Injection |
| | <input type="checkbox"/> Dispose Water |

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

WE REQUEST A TA STATUS APPROVAL FOR THIS WELL.

WE HAVE BEEN PERMITTED TO CONVERT THIS WELL TO INJECTION.



14. I hereby certify that the foregoing is true and correct.
Signed D. C. BEAMAN *DC Beaman* Title COMPUTER SYSTEMS OPERATOR Date 3/18/1999

(This space for Federal or State office use)

Approved by: _____ Title _____ Date _____

Conditions of approval, if any _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
Oil Gas
 Well Well Other MULTIPLE WELLS SEE ATTACHED LIST

2. Name of Operator
CHEVRON U.S.A. INC.

3. Address and Telephone No
11002 E. 17500 S. VERNAL, UT 84078-8526 **(801) 781-4300**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

5. Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA, Agreement Designation
RED WASH UNIT
I-SEC NO 761

8. Well Name and No.

9. API Well No.

10. Field and Pool, or Exploratory Area
RED WASH - GREEN RIVER

11. County or Parish, State
UINTAH, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | |
|---|---|--|
| <input type="checkbox"/> Notice of Intent | <input type="checkbox"/> Abandonment | <input type="checkbox"/> Change of Plans |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Recompletion | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Plugging Back | <input type="checkbox"/> Non-Routine Fracturing |
| | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Water Shut-Off |
| | <input type="checkbox"/> Altering Casing | <input type="checkbox"/> Conversion to Injection |
| | <input checked="" type="checkbox"/> Other <u>CHANGE OF OPERATOR</u> | <input type="checkbox"/> Dispose Water |


(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

As of January 1, 2000 Chevron U.S.A. INC. resigns as Operator of the Red Wash Unit.
The Unit Number is I-SEC NO 761 effective October 31, 1950.

The successor operator under the Unit Agreement will be
Shenandoah Energy Inc.
475 17th Street, Suite 1000
Denver, CO 80202

Agreed and accepted to this 29th day of December, 1999

Shenandoah Energy Inc.
By: 
Mitchell L. Solich
President

RECEIVED

DEC 30 1999

DIVISION OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.
Signed A. E. Wacker *A. E. Wacker* Title Assistant Secretary Date 12/29/99

(This space for Federal or State office use)

Approved by: _____ Title _____ Date _____

Conditions of approval, if any _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

OPERATOR CHANGE WORKSHEET

ROUTING

| | | |
|--------|---|---------|
| 1. GLH | | 4-KAS |
| 2. CDW | ✓ | 5-870 ✓ |
| 3. JLT | | 6-FILE |

Enter date after each listed item is completed

X Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

Merger

The operator of the well(s) listed below has changed, effective:

01-01-2000

FROM: (Old Operator):

CHEVRON USA INC
 Address: 11002 E. 17500 S.
 VERNAL, UT 84078-8526

Phone: 1-(435)-781-4300

Account No. N0210

TO: (New Operator):

SHENANDOAH ENERGY INC
 Address: 11002 E. 17500 S.
 VERNAL, UT 84078

Phone: 1-(435)-781-4300

Account N4235

CA No.

Unit: RED WASH

WELL(S)

| NAME | API NO. | ENTITY NO. | SEC. TWN RNG | LEASE TYPE | WELL TYPE | WELL STATUS |
|-----------------|--------------|------------|--------------|------------|-----------|-------------|
| RWU 39 (14-24A) | 43-047-15166 | 5670 | 24-07S-22E | FEDERAL | OW | TA |
| RWU 35 (43-13B) | 43-047-15162 | 5670 | 13-07S-23E | FEDERAL | OW | TA |
| RWU 36 (32-13B) | 43-047-15163 | 5670 | 13-07S-23E | FEDERAL | GW | P |
| RWU 41 (34-13B) | 43-047-15168 | 5670 | 13-07S-23E | FEDERAL | OW | P |
| RWU 33 (14-14B) | 43-047-15160 | 5670 | 14-07S-23E | FEDERAL | GW | S |
| RWU 51 (12-16B) | 43-047-15177 | 5670 | 16-07S-23E | STATE | OW | P |
| RWU 43 (12-17B) | 43-047-15170 | 5670 | 17-07S-23E | FEDERAL | OW | P |
| RWU 52 (14-18B) | 43-047-15178 | 5670 | 18-07S-23E | FEDERAL | OW | TA |
| RWU 4 (41-22B) | 43-047-15137 | 5670 | 22-07S-23E | FEDERAL | OW | TA |
| RWU 38 (14-23B) | 43-047-15165 | 5670 | 23-07S-23E | FEDERAL | OW | P |
| RWU 5 (41-23B) | 43-047-15138 | 5670 | 23-07S-23E | FEDERAL | OW | P |
| RWU 50 (14-23A) | 43-047-15176 | 5670 | 23-07S-22E | FEDERAL | OW | P |
| RWU 40 (21-24B) | 43-047-15167 | 5670 | 24-07S-23E | FEDERAL | OW | TA |
| RWU 37 (41-25B) | 43-047-15164 | 5670 | 25-07S-23E | FEDERAL | GW | PA |
| RWU 49 (12-29B) | 43-047-15175 | 5670 | 29-07S-23E | FEDERAL | OW | TA |
| RWU 313 | 43-047-32630 | 5670 | 20-07S-24E | FEDERAL | GW | PA |
| RWU 46 (41-21C) | 43-047-15173 | 5670 | 21-07S-24E | FEDERAL | GW | P |
| RWU 311 | 43-047-32628 | 5670 | 26-07S-24E | FEDERAL | OW | PA |
| RWU 314 | 43-047-32626 | 5670 | 29-07S-24E | FEDERAL | GW | PA |
| RWU 42 (21-29C) | 43-047-15169 | 5670 | 29-07S-24E | FEDERAL | GW | P |
| RWU 44 (32-33C) | 43-047-15171 | 5670 | 33-07S-24E | FEDERAL | GW | P |
| RWU 312 | 43-047-32595 | 5670 | 34-07S-24E | FEDERAL | GW | PA |

OPERATOR CHANGES DOCUMENTATION

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 12-30-1999
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 08-09-2000

3. The new company has been checked through the **Department of Commerce, Division of Corporations Database on:** 08-23-2000
4. Is the new operator registered in the State of Utah: YES Business Number: 224885
5. If **NO**, the operator was contacted on: _____
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 02/04/2000
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 02/04/2000
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A
9. **Underground Injection Control ("UIC") Proj:** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 09/25/2000
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 09/25/2000
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

STATE BOND VERIFICATION:

1. State well(s) covered by Bond No.: 159261960

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on:

FILMING:

1. All attachments to this form have been **MICROFILMED** on: 03 09-01

FILING:

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: _____

COMMENTS:



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

RECEIVED

FEB 07 2000

DIVISION OF
OIL, GAS AND MINING

IN REPLY REFER TO
UT-931

February 4, 2000

Shenandoah Energy Inc.
Attn: Rae Cusimano
475 17th Street, Suite 1000
Denver, Colorado 80202

Re: Red Wash Unit
Uintah County, Utah

Gentlemen:

On December 30, 1999, we received an indenture whereby Chevron U.S.A. Inc. resigned as Unit Operator and Shenandoah Energy Inc. was designated as Successor Unit Operator for the Red Wash Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 4, 2000. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Red Wash Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0969 will be used to cover all operations within the Red Wash Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

cc: Chevron U.S.A. Inc.

bcc: Field Manager - Vernal (w/enclosure)
Division of Oil, Gas & Mining
Minerals Adjudication Group U-932
File - Red Wash Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron

UT931:TAThompson:tt:2/4/00

Well Status Report
Utah State Office
Bureau of Land Management

| Lease | Api Number | Well Name | QTR | Section | Township | Range | Well Status | Operator |
|-----------------------|-----------------------|---------------------------------|-----------------|---------------|-----------------|-----------------|----------------|---------------------------------------|
| UTU0559 | 4304731581 | 293 (22-22A) RED WAS | SENW | 22 | T 7S | R22E | OSI | CHEVRON U S A INCORPORATED |
| UTU02148 | 4304731582 | 294 (24-18C) RED WAS | SESW | 18 | T 7S | R24E | PGW | CHEVRON U S A INCORPORATED |
| UTU081 | 4304731577 | 295 (11-22B) RED WAS | NWNW | 22 | T 7S | R23E | TA | CHEVRON U S A INCORPORATED |
| UTU0566 | 4304731578 | 296 (12-35B) RED WAS | SWNW | 35 | T 7S | R23E | POW | CHEVRON U S A INCORPORATED |
| UTU081 | 4304731579 | 297 (24-15B) RED WAS | SESW | 15 | T 7S | R23E | POW | CHEVRON U S A INCORPORATED |
| UTU0566 | 4304731679 | 298 (22-27B) RED WAS | SENW | 27 | T 7S | R23E | TA | CHEVRON U S A INCORPORATED |
| UTU0116 | 4304733018 | 299 | SWNE | 18 | T 7S | R23E | POW | CHEVRON U S A INCORPORATED |
| UTU082 | 4304715136 | 3 (34-23B) RED WASH | SWSE | 23 | T 7S | R23E | POW | CHEVRON U S A INCORPORATED |
| UTU081 | 4304715157 | 30 (23-13B) RED WASH | NESW | 13 | T 7S | R23E | POW | CHEVRON U S A INCORPORATED |
| UTU081 | 4304731682 | 301 (43-15B) RED WAS | NESE | 15 | T 7S | R23E | TA | CHEVRON U S A INCORPORATED |
| UTU082 | 4304731683 | 302 (22-24B) RED WAS | SENW | 24 | T 7S | R23E | TA | CHEVRON U S A INCORPORATED |
| UTU0116 | 4304731819 | 303 (34-17B) RED WAS | SWSE | 17 | T 7S | R23E | POW | CHEVRON U S A INCORPORATED |
| UTU0830 | 4304732538 | 305 | NENE | 4 | T 8S | R24E | PGW | CHEVRON U S A INCORPORATED |
| UTU093 | 4304732629 | 306 | NESW | 23 | T 7S | R24E | POW | CHEVRON U S A INCORPORATED |
| STATE | 4304732632 | 307 | SWSW | 16 | T 7S | R24E | ABD | CHEVRON U S A INCORPORATED |
| UTSL071965 | 4304732627 | 308 | SESW | 28 | T 7S | R24E | P+A | CHEVRON U S A INCORPORATED |
| UTU081 | 4304715158 | 31 (34-22B) RED WASH | SWSE | 22 | T 7S | R23E | POW | CHEVRON U S A INCORPORATED |
| UTSL071965 | 4304732628 | 311 | NESW | 26 | T 7S | R24E | P+A | CHEVRON U S A INCORPORATED |
| UTSL071963 | 4304732595 | 312 | SWNE | 34 | T 7S | R24E | ABD | CHEVRON U S A INCORPORATED |
| UTU02149 | 4304732630 | 313 | NESW | 20 | T 7S | R24E | ABD | CHEVRON U S A INCORPORATED |
| UTSL071965 | 4304732626 | 314 | SESW | 29 | T 7S | R24E | ABD | CHEVRON U S A INCORPORATED |
| UTU081 | 4304715160 | 33 (14-14B) RED WASH | SWSW | 14 | T 7S | R23E | TA | CHEVRON U S A INCORPORATED |
| UTU081 | 4304715161 | 34 (23-14B) RED WASH | NESW | 14 | T 7S | R23E | WIW | CHEVRON U S A INCORPORATED |
| UTU081 | 4304715162 | 35 (43-13B) RED WASH | NESE | 13 | T 7S | R23E | TA | CHEVRON U S A INCORPORATED |
| UTU081 | 4304715163 | 36 (32-13B) RED WASH | SWNE | 13 | T 7S | R23E | POW | CHEVRON U S A INCORPORATED |
| UTU0823 | 4304715164 | 37 (41-25B) RED WASH | NENE | 25 | T 7S | R23E | ABD | CHEVRON U S A INCORPORATED |
| UTU082 | 4304715165 | 38 (14-23B) RED WASH | SWSW | 23 | T 7S | R23E | POW | CHEVRON U S A INCORPORATED |
| UTU0561 | 4304715166 | 39 (14-24A) RED WASH | SWSW | 24 | T 7S | R22E | TA | CHEVRON U S A INCORPORATED |
| UTU081 | 4304715137 | 4 (41-22B) RED WASH | NENE | 22 | T 7S | R23E | TA | CHEVRON U S A INCORPORATED |
| UTU082 | 4304715167 | 40 (21-24B) RED WASH | NENW | 24 | T 7S | R23E | POW | CHEVRON U S A INCORPORATED |
| UTU081 | 4304715168 | 41 (34-13B) RED WASH | SWSE | 13 | T 7S | R23E | POW | CHEVRON U S A INCORPORATED |
| UTSL071965 | 4304715169 | 42 (21-29C) RED WASH | NENW | 29 | T 7S | R24E | PGW | CHEVRON U S A INCORPORATED |
| UTU0116 | 4304715170 | 43 (12-17B) RED WASH | SWNW | 17 | T 7S | R23E | POW | CHEVRON U S A INCORPORATED |
| UTU0829 | 4304715171 | 44 (32-33C) RED WASH | SWNE | 33 | T 7S | R24E | PGW | CHEVRON U S A INCORPORATED |
| UTU02030 | 4304715172 | 45 (23-30B) RED WASH | NESW | 30 | T 7S | R23E | TA | CHEVRON U S A INCORPORATED |
| UTU080 | 4304715173 | 46 (41-21C) RED WASH | NENE | 21 | T 7S | R24E | PGW | CHEVRON U S A INCORPORATED |
| UTU02030 | 4304715174 | 48 (32-19B) RED WASH | SWNE | 19 | T 7S | R23E | TA | CHEVRON U S A INCORPORATED |
| UTU02025 | 4304715175 | 49 (12-29B) RED WASH | SWNW | 29 | T 7S | R23E | TA | CHEVRON U S A INCORPORATED |
| UTU082 | 4304715138 | 5 (41-23B) RED WASH | NENE | 23 | T 7S | R23E | POW | CHEVRON U S A INCORPORATED |
| UTU0559 | 4304715176 | 50 (14-23A) RED WASH | SWSW | 23 | T 7S | R22E | POW | CHEVRON U S A INCORPORATED |
| STATE | 4304715177 | 51 (12-16B) RED WASH | SWNW | 16 | T 7S | R23E | POW | CHEVRON U S A INCORPORATED |
| UTU0116 | 4304715178 | 52 (14-18B) RED WASH | SWSW | 18 | T 7S | R23E | TA | CHEVRON U S A INCORPORATED |
| UTU0561 | 4304715179 | 53 (41-25A) RED WASH | NENE | 25 | T 7S | R22E | POW | CHEVRON U S A INCORPORATED |
| UTU0559 | 4304715181 | 55 (41-21A) RED WASH | NENE | 21 | T 7S | R22E | P+A | CHEVRON U S A INCORPORATED |
| UTU02030 | 4304715182 | 56 (41-28B) RED WASH | NENE | 28 | T 7S | R23E | WIW | CHEVRON U S A INCORPORATED |
| UTU02148 | 4304715183 | 57 (12-18C) RED WASH | SWNW | 18 | T 7S | R24E | POW | CHEVRON U S A INCORPORATED |
| UTU082 | 4304716477 | 59 (12-24B) RED WASH | SWNW | 24 | T 7S | R23E | WIW | CHEVRON U S A INCORPORATED |
| UTU0567 | 4304716482 | 6 (41-21B) RED WASH | NENE | 21 | T 7S | R23E | WIW | CHEVRON U S A INCORPORATED |
| UTU02025 | 4304715184 | 60 (43-30B) RED WASH | NESE | 30 | T 7S | R23E | TA | CHEVRON U S A INCORPORATED |

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
Oil Gas
 Well Well Other

2. Name of Operator
SHENANDOAH ENERGY, INC

3. Address and Telephone No
11002 E. 17500 S. VERNAL, UT 84078-8526 (801) 781-4300

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
660' FSL & 592' FWL (SW SW) SECTION 18, T7S, R23E, SLBM

5. Lease Designation and Serial No.
U-0116

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA, Agreement Designation
RED WASH UNIT

8. Well Name and No.
RED WASH UNIT 52 14-18B

9. API Well No.
43-047-15178

10. Field and Pool, or Exploratory Area
RED WASH - GREEN RIVER

11. County or Parish, State
UINTAH, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION |
|---|---|
| <input type="checkbox"/> Notice of Intent | <input type="checkbox"/> Abandonment |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Plugging Back |
| | <input type="checkbox"/> Casing Repair |
| | <input type="checkbox"/> Altering Casing |
| | <input checked="" type="checkbox"/> Other <u>TA STATUS FOR WELL</u> |
| | <input type="checkbox"/> Change of Plans |
| | <input type="checkbox"/> New Construction |
| | <input type="checkbox"/> Non-Routine Fracturing |
| | <input type="checkbox"/> Water Shut-Off |
| | <input type="checkbox"/> Conversion to Injection |
| | <input type="checkbox"/> Dispose Water |

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

WE REQUEST A TA STATUS APPROVAL FOR THIS WELL.

WE HAVE BEEN PERMITTED TO CONVERT THIS WELL TO INJECTION.

RECEIVED
APR 17 2000
DIVISION OF
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct.
Signed D. C. BEAMAN *D. C. Beaman* Title OFFICE MANAGER Date 04/13/00

(This space for Federal or State office use)
Approved by: _____ Title _____ Date _____

Conditions of approval, if any
~~The Extension for Shut-in Time issued 08 March 1999 EXPIRED 08 March 2000~~ Accepted by the

In accordance with 30 CFR 251.36.3, provide the Division of Oil, Gas & Mining a Showing
of Good Cause as to why this well should not be plugged. M. Hebertson

*See instruction on Reverse Side

Utah Division of
Oil, Gas & Mining
COPY SENT TO OPERATOR
Date: 4-20-00
Initials: CHP

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Gas
 Well Well Other

2. Name of Operator
SHENANDOAH ENERGY INC.

3. Address and Telephone No. **Contact : jpennell@shenandoahenergy.com**
11002 E. 17500 S. VERNAL, UT 84078-8526 **435-790-5469 Fax 435-828-5044**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
660' FSL, 592' FWL, SWSW Sec. 18, T7S, R23E SLB&M

5. Lease Designation and Serial No.
U-0116

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA, Agreement Designation
Red Wash Unit

8. Well Name and No.
RWU #52 (14-18B)

9. API Well No.
**047
43-057-15178**

10. Field and Pool, or Exploratory Area
Red Wash

11. County or Parish, State
UINTAH, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION |
|--|--|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Abandonment |
| <input type="checkbox"/> Subsequent Report | <input checked="" type="checkbox"/> Recompletion |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Plugging Back |
| | <input type="checkbox"/> Casing Repair |
| | <input type="checkbox"/> Altering Casing |
| | <input type="checkbox"/> Other _____ |
| | <input type="checkbox"/> Change of Plans |
| | <input type="checkbox"/> New Construction |
| | <input type="checkbox"/> Non-Routine Fracturing |
| | <input type="checkbox"/> Water Shut-Off |
| | <input type="checkbox"/> Conversion to Injection |
| | <input type="checkbox"/> Dispose Water |

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

Please be advised that we intend to recomplete this well in the Wasatch as follows:

- 1) MIRU service rig. NDWH and release "T" anchor. NU BOP's. POOH w/2-7/8" tubing.
- 2) Drill out float collar @ 5730'. Circ. hole clean. Clean out 7" casing shoe from 5730' to 5800'. Circ. clean.
- 3) Clean out open hole from 5800' to TD @ 6359'. Stabilize w/8.8# - 9.2# mud.
- 4) RU and run open hole logs, density at minimum
- 5) Set packer @ 6300' and test interval 6310' - 6330'.
- 6) Swab test. If production and shows warrant, run 4-1/2" liner w/liner hanger @ +/- 1000'
- 7) Cement liner, run cased hole logs, perforate and stimulate as needed.

3 - BLM, 2- Utah OG&M, 1 - Denver, 1 - file Word file-server

RECEIVED
CONFIDENTIAL
 SEP 24 2001
 DIVISION OF
 OIL, GAS AND MINING
 COPY SENT TO OPERATOR
 Date: 10-11-01
 Initials: CVD

14. I hereby certify that the foregoing is true and correct.
 Signed Jim Simonson Title Completion Supervisor Date 8-10-01

(This space for Federal or State office use)
 Approved by: Accepted by the Title Federal Approval Of This Date _____
Utah Division of Action Is Necessary

Title 18 U.S.C. Section 1001, makes it unlawful for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Date: 10/11/01
 By: [Signature]

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

5. Lease Serial No.
UTU 0116

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
8920007610

8. Well Name and No.
RWU 52 14-18B

9. API Well No.
43-047-15178

10. Field and Pool, or Exploratory
RED WASH

11. County or Parish, and State
UINTAH COUNTY, UT

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
SHENANDOAH ENERGY INC. Contact: ANN PETRIK
E-Mail: ann.petrik@questar.com

3a. Address
11002 EAST 17500 SOUTH
VERNAL, UT 84078

3b. Phone No. (include area code)
Ph: 435.781.4306
Fx: 435.781.4329

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 18 T7S R23E SWSW 660FSL 592FWL

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|---|---|---|---|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input type="checkbox"/> Other |
| | <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input checked="" type="checkbox"/> Temporarily Abandon | |
| | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

WE REQUEST A TA STATUS APPROVAL FOR THIS WELL.

WE BELIEVE A RETURN TO INJECTION COULD BE JUSTIFIED IN THE FUTURE.

INCIDENT #RA02096

THIS SUNDRY IS BEING RETURNED; INSUFFICIENT DATA WAS SUBMITTED TO APPROVE THE REQUESTED ACTION.

The well has been nonactive or nonproductive for 10 years 5 months. In accordance with R649-3-36, a sundry notice shall be filed indicating the reasons and length of time for the well shut-in or temporary abandonment and a demonstration of the well's integrity; evidence that the well is not a risk to public health and safety or the environment.

DAK

RECEIVED
SEP 30 2002
DIVISION OF
OIL, GAS AND MINING

October 11, 2002

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #14615 verified by the BLM Well Information System For SHENANDOAH ENERGY INC., sent to the Vernal

Name (Printed/Typed) ANN PETRIK Title ADMINISTRATIVE CONTACT

Signature (Electronic Submission) Date 09/27/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____ Title _____ Date _____

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

~~CONFIDENTIAL~~

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
Oil Gas
 Well Well Other

2. Name of Operator
SHENANDOAH ENERGY INC.

3. Address and Telephone No.
11002 E. 17500 S. VERNAL, UT 84078-8526 **Jane Pennell (435) 828-3038**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
660' FSL, 592' FWL, SWSW Sec. 18, T7S, R23E SLB&M

5. Lease Designation and Serial No.
U-0116

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA, Agreement Designation
Red Wash Unit

8. Well Name and No.
RWU 14-18B (#52)

9. API Well No.
43-047-15178

10. Field and Pool, or Expiatory Area
Red Wash

11. County or Parish, State
Uintah County, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION |
|--|--|
| <input checked="" type="checkbox"/> Notice of Intent | <input checked="" type="checkbox"/> Abandonment |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Plugging Back |
| | <input type="checkbox"/> Casing Repair |
| | <input type="checkbox"/> Altering Casing |
| | <input type="checkbox"/> Other _____ |
| | <input type="checkbox"/> Change of Plans |
| | <input type="checkbox"/> New Construction |
| | <input type="checkbox"/> Non-Routine Fracturing |
| | <input type="checkbox"/> Water Shut-Off |
| | <input type="checkbox"/> Conversion to Injection |
| | <input type="checkbox"/> Dispose Water |

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled,

give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

Please be advised that we wish to rescind the NOI to recomplete dated 8-10-10 because the Wasatch test is not economically feasible. We intend to plug & abandon this well as follows:

- 1) MIRU well service unit. ND wellhead & NU BOP's.
 - 2) Circulate hot water to surface to clean up oil. POOH w/tubing.
 - 3) RIH w/CIBP & set @ 5630'. Dump bail 35' cement on top of BP.
 - 4) RIH w/CIBP & set @ 5080'. Dump bail 35' cement on top of BP.
 - 5) Spot balanced plugs from 350' - 500'.
 - 5) Perforate @ 100' w/4 spf. Establish circulation and pump good cement to surface.
 - 6) Cut off wellhead & insure cement to surface. Install dry hole marker & rehab per BLM specifications.
- Proposed P&A wellbore attached.

RECEIVED

NOV 27 2002

DIVISION OF
OIL GAS AND MINING

3 - BLM, 2- Utah OG&M, 1 - Denver, 1 - file, Word File - server

COPY SENT TO OPERATOR
Date: 12-3-02
Initials: CHD

14. I hereby certify that the foregoing is true and correct.

Signed Jim Lemontae Title Completion Supervisor Date 11-20-02

(This space for Federal or State office use)
Accepted by the Utah Division of Oil, Gas and Mining

Approved by: _____ Title Federal Approval Of This Action Is Necessary Date _____

Conditions of approval, if any

Date: 12/3/2002

By: Don [Signature]

* Recommend plug across top of Green River (±3177') and Above TCC in annulus (±3750') [±3100' - 3200']

Wellbore Diagram

API Well No: 43-047-15178-00-00 Permit No: UIC-186.1 Well Name/No: RWU 52 (14-18B)

Company Name: SHENANDOAH ENERGY INC

Location: Sec: 18 T: 7S R: 23E Spot: SWSW

Coordinates: X: 638210 Y: 4451477

Field Name: RED WASH

County Name: Uintah

String Information

| String | Bottom (ft sub) | Diameter (inches) | Weight (lb/ft) | Length (ft) |
|--------|-----------------|-------------------|----------------|-------------|
| HOL1 | 22 | 18 | | |
| COND | 22 | 16 | | |
| HOL2 | 431 | 15 | | |
| II | 425 | 10.75 | 40.5 | 425 |
| HOL3 | 5800 | 8.875 | | |
| PROD | 5800 | 7 | 23 | 4787 |
| PROD | 5800 | 7 | 23 | 1028 |
| TI | 5800 | 2.875 | | |

Cement Information

| String | BOC (ft sub) | TOC (ft sub) | Class | Sacks |
|--------|--------------|--------------|-------|-------|
| II | 425 | 0 | UK | 275 |
| PROD | 5785 | | | |

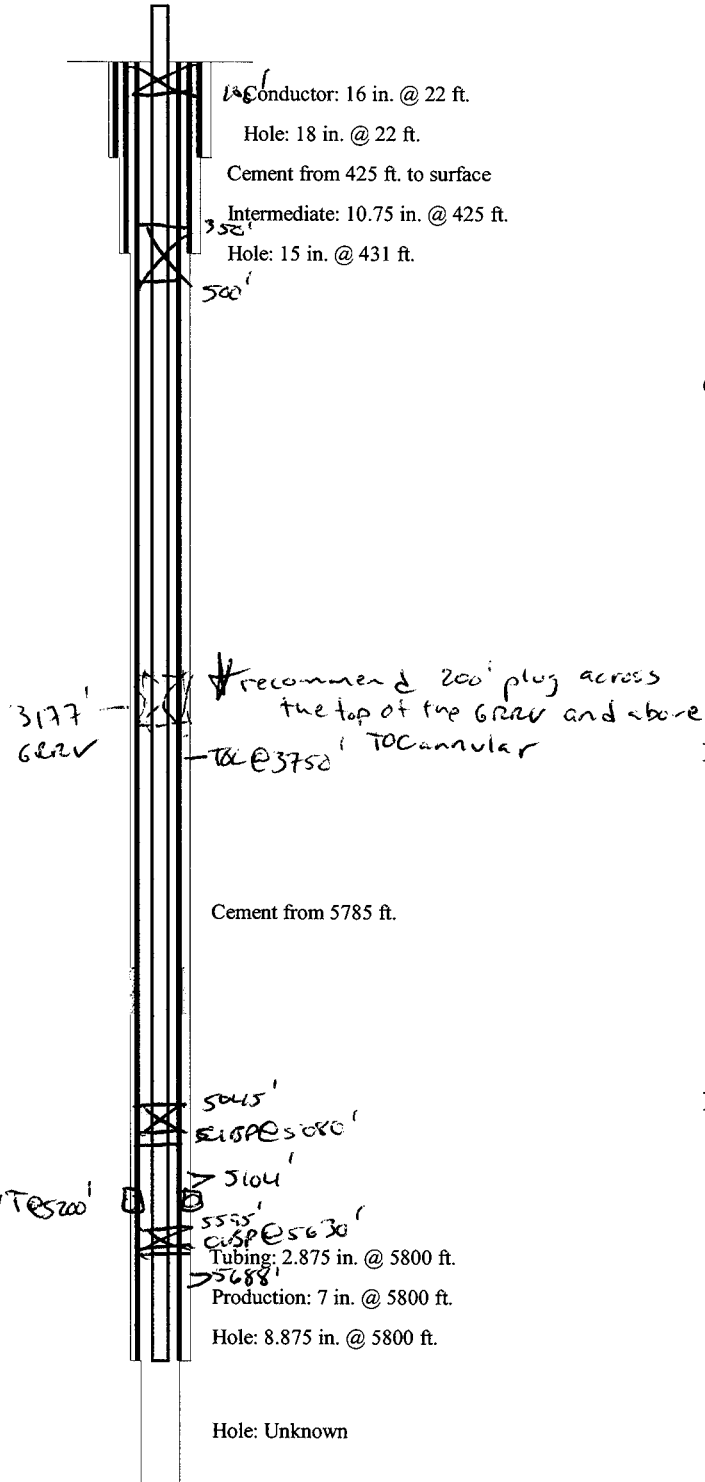
Perforation Information

| Top (ft sub) | Bottom (ft sub) | Shts/Ft | No Shts | Dt Squeeze |
|--------------|-----------------|---------|---------|------------|
| 5104 | 5688 | | | |

Formation Information

| Formation | Depth | Formation | Depth |
|-----------|-------|-----------|-------|
| GRRV | 3177 | | |

BMSGW ± 4500' → 5500'



TD: 6359 TVD: PBSD:

OPERATOR CHANGE WORKSHEET

ROUTING

| |
|---------|
| 1. GLH |
| 2. CDW |
| 3. FILE |

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

| | | |
|--|--|-----------------|
| The operator of the well(s) listed below has changed, effective: | | 2/1/2003 |
| FROM: (Old Operator): | TO: (New Operator): | |
| N4235-Shenandoah Energy Inc 11002 E 17500 S Vernal, UT 84078-8526 Phone: (435) 781-4341 | N2460-QEP Uinta Basin Inc 11002 E 17500 S Vernal, UT 84078-8526 Phone: (435) 781-4341 | |

CA No. Unit: RED WASH

| WELL(S) | | | | | | | | | | Confid |
|----------------------------|---------------|-----------------|-----------------|-----------------------|-----------|------------|-----------|-------------|--|--------|
| NAME | SEC | TWN | RNG | API NO | ENTITY NO | LEASE TYPE | WELL TYPE | WELL STATUS | | |
| RWU 70 (23-22A) | 22 | 070S | 220E | 4304715192 | 5670 | Federal | OW | P | | |
| RWU 50 (14-23A) | 23 | 070S | 220E | 4304715176 | 5670 | Federal | OW | P | | |
| RWU 53 (41-25A) | 25 | 070S | 220E | 4304715179 | 5670 | Federal | OW | TA | | |
| RWU 74 (12-13B) | 13 | 070S | 230E | 4304715196 | 5670 | Federal | GW | P | | |
| RWU 77 (21-13B) | 13 | 070S | 230E | 4304715199 | 5670 | Federal | OW | P | | |
| RWU 52 (14-18B) | 18 | 070S | 230E | 4304715178 | 5670 | Federal | OW | TA | | |
| RWU 66 (34-18B) | 18 | 070S | 230E | 4304715189 | 5670 | Federal | OW | P | | |
| RWU 63 (21-22B) | 22 | 070S | 230E | 4304715186 | 5670 | Federal | GW | TA | | |
| RWU 67 (42-22B) | 22 | 070S | 230E | 4304715190 | 5670 | Federal | OW | TA | | |
| RWU 8 (32-22B) | 22 | 070S | 230E | 4304715139 | 5670 | Federal | OW | P | | |
| RWU 75 (21-26B) | 26 | 070S | 230E | 4304715197 | 5670 | Federal | OW | TA | | |
| RWU 64 (32-27B) | 27 | 070S | 230E | 4304715187 | 5670 | Federal | OW | TA | | |
| RWU 69 (21-27B) | 27 | 070S | 230E | 4304715191 | 5670 | Federal | OW | TA | | |
| RWU 72 (23-27B) | 27 | 070S | 230E | 4304715194 | 5670 | Federal | OW | TA | | |
| RWU 79 (12-27B) | 27 | 070S | 230E | 4304715201 | 5670 | Federal | OW | TA | | |
| RWU 80 (14-27B) | 27 | 070S | 230E | 4304715202 | 5670 | Federal | OW | P | | |
| RWU 78 (32-28B) | 28 | 070S | 230E | 4304715200 | 5670 | Federal | OW | P | | |
| RWU 57 (12-18C) | 18 | 070S | 240E | 4304715183 | 5670 | Federal | OW | P | | |
| RWU 71 (21-18C) | 18 | 070S | 240E | 4304715193 | 5670 | Federal | OW | P | | |
| RWU 76 (32-18C) | 18 | 070S | 240E | 4304715198 | 5670 | Federal | GW | S | | |

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/2/2003
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/2/2003
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/19/2003
- Is the new operator registered in the State of Utah: YES Business Number: 5292864-0151
- If **NO**, the operator was contacted on: _____

6. (R649-9-2)Waste Management Plan has been received on:

IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: 7/21/2003

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 7/21/2003

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 8/28/2003

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 8/28/2003

3. Bond information entered in RBDMS on: n/a

4. Fee wells attached to bond in RBDMS on: n/a

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: 965-003-032

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: ESB000024

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 799446

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 965-003-033

2. The **FORMER** operator has requested a release of liability from their bond on: n/a

The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:



May 28, 2003

Division of Oil, Gas, & Mining
1594 West North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, Utah 84114-5801

Attention: John Baza/Jim Thompson

Gentlemen:

This will serve as notice that through the internal corporate changes described below, activities formerly conducted in the name of either Shenandoah Operating Company, LLC (SOC) and/or Shenandoah Energy, Inc. (SEI) will hereafter be conducted in the name of QEP Uinta Basin, Inc.: i) the Shenandoah entities were purchased in July, 2001 by Questar Market Resources, Inc., which is a mid-level holding company for the non-utility businesses of Questar Corporation, ii) Shenandoah Operating Company, LLC has now been merged into Shenandoah Energy, Inc. (SEI), iii) Shenandoah Energy, Inc. has now been re-named **QEP Uinta Basin, Inc.** pursuant to a State of Delaware Amended and Restated Certificate of Incorporation, iv) the same employees will continue to be responsible for operations of the former SOC and SEI properties, both in the field and in the office. Accordingly, the change involves only an internal corporate name change and no third party change of operator is involved. Please alter your records to reflect the entity name change. Attached is a spreadsheet listing all wells affected by this change.

Should you have any questions, please call me at 303 - 308-3056.

Yours truly,

Frank Nielsen
Division Landman

Enclosure

RECEIVED

JUN 02 2003

DIV. OF OIL, GAS & MINING

SEI (N4235) to QEP (N2460) RED WASH UNIT

| well name | Sec | T | R | api | Entity | Lease Type | type | stat |
|----------------------|-----|------|------|------------|--------|------------|------|------|
| RED WASH 22-21B | 21 | 070S | 230E | 4304733522 | 5670 | Federal | OW | TA |
| RED WASH 24-20B | 20 | 070S | 230E | 4304733523 | 5670 | Federal | OW | P |
| RED WASH 305 (41-4F) | 04 | 080S | 240E | 4304732538 | 5670 | Federal | GW | TA |
| RED WASH 306 | 23 | 070S | 240E | 4304732629 | 5670 | Federal | GW | P |
| RED WASH 44-19B | 19 | 070S | 230E | 4304733524 | 5670 | Federal | OW | P |
| RED WASH 44-20B | 20 | 070S | 230E | 4304733525 | 5670 | Federal | OW | P |
| RWU 1 (41-26B) | 26 | 070S | 230E | 4304715135 | 5670 | Federal | OW | TA |
| RWU 10 (12-23B) | 23 | 070S | 230E | 4304715141 | 5670 | Federal | OW | TA |
| RWU 101 (34-21B) | 21 | 070S | 230E | 4304715220 | 5670 | Federal | OW | P |
| RWU 103 (34-15B) | 15 | 070S | 230E | 4304715222 | 5670 | Federal | OW | P |
| RWU 108 (32-21B) | 21 | 070S | 230E | 4304715226 | 5670 | Federal | OW | P |
| RWU 109 (21-28B) | 28 | 070S | 230E | 4304715227 | 5670 | Federal | OW | P |
| RWU 110 (23-23A) | 23 | 070S | 220E | 4304715228 | 5670 | Federal | OW | P |
| RWU 111 (32-24A) | 24 | 070S | 220E | 4304715229 | 5670 | Federal | OW | TA |
| RWU 112 (32-28A) | 28 | 070S | 220E | 4304715230 | 5670 | Federal | OW | P |
| RWU 115 (21-19B) | 19 | 070S | 230E | 4304715233 | 5670 | Federal | OW | P |
| RWU 119 (43-29A) | 29 | 070S | 220E | 4304715236 | 5670 | Federal | OW | P |
| RWU 120 (23-28B) | 28 | 070S | 230E | 4304715237 | 5670 | Federal | OW | TA |
| RWU 121 (13-13B) | 13 | 070S | 230E | 4304715238 | 5670 | Federal | GW | P |
| RWU 122 (24-14B) | 14 | 070S | 230E | 4304715239 | 5670 | Federal | OW | P |
| RWU 125 (34-19B) | 19 | 070S | 230E | 4304715242 | 5670 | Federal | OW | TA |
| RWU 126 (41-29A) | 29 | 070S | 220E | 4304715243 | 5670 | Federal | OW | P |
| RWU 127 (12-19B) | 19 | 070S | 230E | 4304715244 | 5670 | Federal | OW | TA |
| RWU 129 (14-15B) | 15 | 070S | 230E | 4304715246 | 5670 | Federal | OW | P |
| RWU 13 (14-22B) | 22 | 070S | 230E | 4304715143 | 5670 | Federal | OW | TA |
| RWU 133 (41-34B) | 34 | 070S | 230E | 4304715250 | 5670 | Federal | OW | P |
| RWU 136 (43-19B) | 19 | 070S | 230E | 4304715252 | 5670 | Federal | OW | TA |
| RWU 137 (34-28B) | 28 | 070S | 230E | 4304715253 | 5670 | Federal | GW | TA |
| RWU 138 (41-30B) | 30 | 070S | 230E | 4304715254 | 5670 | Federal | OW | P |
| RWU 140 (24-22B) | 22 | 070S | 230E | 4304715255 | 5670 | Federal | OW | P |
| RWU 141 (11-27B) | 27 | 070S | 230E | 4304715256 | 5670 | Federal | OW | TA |
| RWU 143 (33-14B) | 14 | 070S | 230E | 4304715257 | 5670 | Federal | OW | P |
| RWU 144 (21-18B) | 18 | 070S | 230E | 4304715258 | 5670 | Federal | OW | TA |
| RWU 145 (24-13B) | 13 | 070S | 230E | 4304715259 | 5670 | Federal | OW | TA |
| RWU 147 (22-22B) | 22 | 070S | 230E | 4304715260 | 5670 | Federal | OW | TA |
| RWU 15 (32-17C) | 17 | 070S | 240E | 4304715145 | 5670 | Federal | OW | P |
| RWU 151 (42-14B) | 14 | 070S | 230E | 4304715264 | 5670 | Federal | OW | P |
| RWU 153 (14-29B) | 29 | 070S | 230E | 4304715265 | 5670 | Federal | OW | P |
| RWU 158 (32-30B) | 30 | 070S | 230E | 4304715268 | 5670 | Federal | OW | P |
| RWU 160 (32-15B) | 15 | 070S | 230E | 4304715270 | 5670 | Federal | OW | P |
| RWU 162 (12-20B) | 20 | 070S | 230E | 4304715272 | 5670 | Federal | OW | TA |
| RWU 164 (12-28B) | 28 | 070S | 230E | 4304715274 | 5670 | Federal | OW | P |
| RWU 165 (32-26B) | 26 | 070S | 230E | 4304715275 | 5670 | Federal | GW | TA |
| RWU 167 (23-21B) | 21 | 070S | 230E | 4304715277 | 5670 | Federal | OW | S |
| RWU 168 (23-24B) | 24 | 070S | 230E | 4304715278 | 5670 | Federal | OW | TA |
| RWU 172 (21-30B) | 30 | 070S | 230E | 4304715280 | 5670 | Federal | OW | TA |
| RWU 176 (31-28B) | 28 | 070S | 230E | 4304715283 | 5670 | Federal | OW | TA |
| RWU 177 (42-28B) | 28 | 070S | 230E | 4304715284 | 5670 | Federal | OW | TA |
| RWU 178 (22-13B) | 13 | 070S | 230E | 4304715285 | 5670 | Federal | OW | TA |
| RWU 180 (31-23B) | 23 | 070S | 230E | 4304715287 | 5670 | Federal | OW | TA |
| RWU 181 (34-30B) | 30 | 070S | 230E | 4304715288 | 5670 | Federal | OW | P |
| RWU 184 (23-26B) | 26 | 070S | 230E | 4304715290 | 5670 | Federal | OW | TA |
| RWU 188 (23-20B) | 20 | 070S | 230E | 4304715291 | 5670 | Federal | OW | TA |
| RWU 19 (34-26B) | 26 | 070S | 230E | 4304715148 | 5670 | Federal | GW | TA |
| RWU 192 (41-33A) | 33 | 070S | 220E | 4304715294 | 5670 | Federal | OW | P |
| RWU 193 (43-24B) | 24 | 070S | 230E | 4304715295 | 5670 | Federal | GW | S |
| RWU 194 (12-14B) | 14 | 070S | 230E | 4304715296 | 5670 | Federal | OW | S |
| RWU 196 (23-17C) | 17 | 070S | 240E | 4304715298 | 5670 | Federal | GW | S |
| RWU 201 (32-28C) | 28 | 070S | 240E | 4304715302 | 5670 | Federal | GW | P |
| RWU 204 (23-25A) | 25 | 070S | 220E | 4304715305 | 5670 | Federal | OW | P |
| RWU 205 (23-21C) | 21 | 070S | 240E | 4304715306 | 5670 | Federal | GW | TA |
| RWU 207 | 17 | 070S | 230E | 4304732738 | 5670 | Federal | OW | P |
| RWU 21 (32-14B) | 14 | 070S | 230E | 4304715150 | 5670 | Federal | OW | P |
| RWU 212 (41-8F) | 08 | 080S | 240E | 4304720014 | 5670 | Federal | GW | P |
| RWU 21-24A | 24 | 070S | 220E | 4304733592 | 5670 | Federal | OW | P |

SEI (N4235) to QEP (N2460) RED WASH UNIT

| well_name | Sec | T | R | api | Entity | Lease Type | type | stat |
|------------------|-----|------|------|------------|--------|------------|------|------|
| RWU 21-25A | 25 | 070S | 220E | 4304733576 | 5670 | Federal | OW | P |
| RWU 219 (44-21C) | 21 | 070S | 240E | 4304730149 | 5670 | Federal | GW | P |
| RWU 220 (22-23B) | 23 | 070S | 230E | 4304730192 | 5670 | Federal | OW | TA |
| RWU 221 (13-27B) | 27 | 070S | 230E | 4304730199 | 5670 | Federal | OW | TA |
| RWU 22-13A | 13 | 070S | 220E | 4304733765 | 5670 | Federal | OW | S |
| RWU 22-19B | 19 | 070S | 230E | 4304733559 | 5670 | Federal | OW | P |
| RWU 222 (31-27B) | 27 | 070S | 230E | 4304730200 | 5670 | Federal | GW | TA |
| RWU 22-20B | 20 | 070S | 230E | 4304733491 | 5670 | Federal | OW | P |
| RWU 22-25A | 25 | 070S | 220E | 4304733786 | 5670 | Federal | OW | P |
| RWU 22-29B | 29 | 070S | 230E | 4304733766 | 5670 | Federal | OW | S |
| RWU 224 (44-22B) | 22 | 070S | 230E | 4304730202 | 5670 | Federal | GW | TA |
| RWU 225 (13-23B) | 23 | 070S | 230E | 4304730212 | 5670 | Federal | GW | TA |
| RWU 226 (24-23B) | 23 | 070S | 230E | 4304730249 | 5670 | Federal | GW | S |
| RWU 227 (14-26B) | 26 | 070S | 230E | 4304730257 | 5670 | Federal | OW | TA |
| RWU 228 (21-34B) | 34 | 070S | 230E | 4304730258 | 5670 | Federal | OW | P |
| RWU 229 (43-26B) | 26 | 070S | 230E | 4304730259 | 5670 | Federal | OW | TA |
| RWU 230 (14-18C) | 18 | 070S | 240E | 4304730309 | 5670 | Federal | OW | TA |
| RWU 231 (21-35B) | 35 | 070S | 230E | 4304730310 | 5670 | Federal | OW | TA |
| RWU 232 (12-26B) | 26 | 070S | 230E | 4304730311 | 5670 | Federal | OW | TA |
| RWU 23-24A | 24 | 070S | 220E | 4304733567 | 5670 | Federal | OW | P |
| RWU 233 (12-25B) | 25 | 070S | 230E | 4304730312 | 5670 | Federal | OW | TA |
| RWU 234 (32-24B) | 24 | 070S | 230E | 4304730313 | 5670 | Federal | OW | P |
| RWU 235 (34-18C) | 18 | 070S | 240E | 4304730314 | 5670 | Federal | OW | P |
| RWU 236 (21-19C) | 19 | 070S | 240E | 4304730340 | 5670 | Federal | GW | P |
| RWU 237 (14-25B) | 25 | 070S | 230E | 4304730341 | 5670 | Federal | OW | P |
| RWU 238 (32-35B) | 35 | 070S | 230E | 4304730342 | 5670 | Federal | OW | TA |
| RWU 239 (41-35B) | 35 | 070S | 230E | 4304730343 | 5670 | Federal | OW | TA |
| RWU 24 (34-14B) | 14 | 070S | 230E | 4304715152 | 5670 | Federal | OW | P |
| RWU 240 (12-36B) | 36 | 070S | 230E | 4304730344 | 5670 | Federal | OW | P |
| RWU 241 (22-14B) | 14 | 070S | 230E | 4304730345 | 5670 | Federal | OW | P |
| RWU 24-18B | 18 | 070S | 230E | 4304733554 | 5670 | Federal | OW | P |
| RWU 24-19B | 19 | 070S | 230E | 4304733492 | 5670 | Federal | OW | P |
| RWU 242 (42-13B) | 13 | 070S | 230E | 4304730346 | 5670 | Federal | OW | P |
| RWU 243 (42-18C) | 18 | 070S | 240E | 4304730347 | 5670 | Federal | OW | TA |
| RWU 244 (23-19C) | 19 | 070S | 240E | 4304730348 | 5670 | Federal | GW | P |
| RWU 246 (22-18C) | 18 | 070S | 240E | 4304730387 | 5670 | Federal | OW | P |
| RWU 247 (22-17C) | 17 | 070S | 240E | 4304730388 | 5670 | Federal | GW | P |
| RWU 26 (23-22B) | 22 | 070S | 230E | 4304715153 | 5670 | Federal | OW | TA |
| RWU 262 (22-26B) | 26 | 070S | 230E | 4304730517 | 5670 | Federal | GW | TA |
| RWU 265 (44-26B) | 26 | 070S | 230E | 4304730520 | 5670 | Federal | GW | P |
| RWU 267 (32-17B) | 17 | 070S | 230E | 4304732981 | 5670 | Federal | OW | P |
| RWU 27 (43-14B) | 14 | 070S | 230E | 4304715154 | 5670 | Federal | OW | TA |
| RWU 270 (22-35B) | 35 | 070S | 230E | 4304731082 | 5670 | Federal | OW | P |
| RWU 272 (44-23B) | 23 | 070S | 230E | 4304731054 | 5670 | Federal | GW | P |
| RWU 273 (42-27B) | 27 | 070S | 230E | 4304731051 | 5670 | Federal | OW | TA |
| RWU 276 (44-27B) | 27 | 070S | 230E | 4304731053 | 5670 | Federal | OW | TA |
| RWU 278 (11-26) | 26 | 070S | 230E | 4304731076 | 5670 | Federal | GW | TA |
| RWU 28 (43-22B) | 22 | 070S | 230E | 4304715155 | 5670 | Federal | OW | P |
| RWU 280 (11-35B) | 35 | 070S | 230E | 4304731079 | 5670 | Federal | OW | P |
| RWU 282 (42-26B) | 26 | 070S | 230E | 4304731080 | 5670 | Federal | GW | TA |
| RWU 284 (33-23B) | 23 | 070S | 230E | 4304731476 | 5670 | Federal | GW | TA |
| RWU 285 (11-24B) | 24 | 070S | 230E | 4304731477 | 5670 | Federal | OW | P |
| RWU 286 (42-21B) | 21 | 070S | 230E | 4304731478 | 5670 | Federal | OW | P |
| RWU 287 (44-13B) | 13 | 070S | 230E | 4304731512 | 5670 | Federal | OW | TA |
| RWU 288 (24-27) | 27 | 070S | 230E | 4304731513 | 5670 | Federal | OW | TA |
| RWU 289 (13-24B) | 24 | 070S | 230E | 4304731517 | 5670 | Federal | OW | P |
| RWU 29 (32-23B) | 23 | 070S | 230E | 4304715156 | 5670 | Federal | OW | P |
| RWU 292 (42-23B) | 23 | 070S | 230E | 4304731576 | 5670 | Federal | GW | TA |
| RWU 293 (22-22A) | 22 | 070S | 220E | 4304731581 | 5670 | Federal | OW | TA |
| RWU 294 (24-18C) | 18 | 070S | 240E | 4304731582 | 5670 | Federal | GW | P |
| RWU 295 (11-22B) | 22 | 070S | 230E | 4304731577 | 5670 | Federal | GW | TA |
| RWU 296 (12-35B) | 35 | 070S | 230E | 4304731578 | 5670 | Federal | OW | P |
| RWU 297 (24-15B) | 15 | 070S | 230E | 4304731579 | 5670 | Federal | OW | P |
| RWU 298 (22-27B) | 27 | 070S | 230E | 4304731679 | 5670 | Federal | OW | TA |
| RWU 299 (32-18B) | 18 | 070S | 230E | 4304733018 | 5670 | Federal | OW | P |

SEI (N4235) to QEP (N2460) RED WASH UNIT

| well_name | Sec | T | R | api | Entity | Lease Type | type | stat | |
|---------------------|-----|------|------|------------|--------|------------|------|------|--|
| RWU 3 (34-23B) | 23 | 070S | 230E | 4304715136 | 5670 | Federal | OW | P | |
| RWU 30 (23-13B) | 13 | 070S | 230E | 4304715157 | 5670 | Federal | GW | TA | |
| RWU 301 (43-15B) | 15 | 070S | 230E | 4304731682 | 5670 | Federal | GW | S | |
| RWU 302 (22-24B) | 24 | 070S | 230E | 4304731683 | 5670 | Federal | GW | TA | |
| RWU 303 (34-17B) | 17 | 070S | 230E | 4304731819 | 5670 | Federal | OW | P | |
| RWU 31 (34-22B) | 22 | 070S | 230E | 4304715158 | 5670 | Federal | OW | P | |
| RWU 33 (14-14B) | 14 | 070S | 230E | 4304715160 | 5670 | Federal | GW | TA | |
| RWU 35 (43-13B) | 13 | 070S | 230E | 4304715162 | 5670 | Federal | OW | TA | |
| RWU 36 (32-13B) | 13 | 070S | 230E | 4304715163 | 5670 | Federal | GW | P | |
| RWU 38 (14-23B) | 23 | 070S | 230E | 4304715165 | 5670 | Federal | OW | P | |
| RWU 39 (14-24A) | 24 | 070S | 220E | 4304715166 | 5670 | Federal | OW | TA | |
| RWU 4 (41-22B) | 22 | 070S | 230E | 4304715137 | 5670 | Federal | OW | TA | |
| RWU 40 (21-24B) | 24 | 070S | 230E | 4304715167 | 5670 | Federal | OW | TA | |
| RWU 41 (34-13B) | 13 | 070S | 230E | 4304715168 | 5670 | Federal | OW | P | |
| RWU 41-24A | 24 | 070S | 220E | 4304733769 | 5670 | Federal | OW | P | |
| RWU 41-25A | 25 | 070S | 220E | 4304733579 | 5670 | Federal | OW | P | |
| RWU 42 (21-29C) | 29 | 070S | 240E | 4304715169 | 5670 | Federal | GW | P | |
| RWU 42-19B | 19 | 070S | 230E | 4304733556 | 5670 | Federal | OW | P | |
| RWU 42-20B | 20 | 070S | 230E | 4304733490 | 5670 | Federal | OW | P | |
| RWU 42-24A | 24 | 070S | 220E | 4304733569 | 5670 | Federal | OW | P | |
| RWU 42-25A | 25 | 070S | 220E | 4304733580 | 5670 | Federal | OW | S | |
| RWU 42-30B | 30 | 070S | 230E | 4304733771 | 5670 | Federal | OW | P | |
| RWU 43 (12-17B) | 17 | 070S | 230E | 4304715170 | 5670 | Federal | OW | P | |
| RWU 44 (32-33C) | 33 | 070S | 240E | 4304715171 | 5670 | Federal | GW | P | |
| RWU 44-18B | 18 | 070S | 230E | 4304733594 | 5670 | Federal | OW | P | |
| RWU 44-30B | 30 | 070S | 230E | 4304733772 | 5670 | Federal | OW | P | |
| RWU 45 (23-30B) | 30 | 070S | 230E | 4304715172 | 5670 | Federal | OW | TA | |
| RWU 46 (41-21C) | 21 | 070S | 240E | 4304715173 | 5670 | Federal | GW | TA | |
| RWU 49 (12-29B) | 29 | 070S | 230E | 4304715175 | 5670 | Federal | OW | TA | |
| RWU 5 (41-23B) | 23 | 070S | 230E | 4304715138 | 5670 | Federal | OW | P | |
| RWU 50 (14-23A) | 23 | 070S | 220E | 4304715176 | 5670 | Federal | OW | P | |
| RWU 52 (14-18B) | 18 | 070S | 230E | 4304715178 | 5670 | Federal | OW | TA | |
| RWU 53 (41-25A) | 25 | 070S | 220E | 4304715179 | 5670 | Federal | OW | TA | |
| RWU 57 (12-18C) | 18 | 070S | 240E | 4304715183 | 5670 | Federal | OW | P | |
| RWU 63 (21-22B) | 22 | 070S | 230E | 4304715186 | 5670 | Federal | GW | TA | |
| RWU 64 (32-27B) | 27 | 070S | 230E | 4304715187 | 5670 | Federal | OW | TA | |
| RWU 66 (34-18B) | 18 | 070S | 230E | 4304715189 | 5670 | Federal | OW | P | |
| RWU 67 (42-22B) | 22 | 070S | 230E | 4304715190 | 5670 | Federal | OW | TA | |
| RWU 69 (21-27B) | 27 | 070S | 230E | 4304715191 | 5670 | Federal | OW | TA | |
| RWU 70 (23-22A) | 22 | 070S | 220E | 4304715192 | 5670 | Federal | OW | P | |
| RWU 71 (21-18C) | 18 | 070S | 240E | 4304715193 | 5670 | Federal | OW | P | |
| RWU 72 (23-27B) | 27 | 070S | 230E | 4304715194 | 5670 | Federal | OW | TA | |
| RWU 74 (12-13B) | 13 | 070S | 230E | 4304715196 | 5670 | Federal | GW | P | |
| RWU 75 (21-26B) | 26 | 070S | 230E | 4304715197 | 5670 | Federal | OW | TA | |
| RWU 76 (32-18C) | 18 | 070S | 240E | 4304715198 | 5670 | Federal | GW | S | |
| RWU 77 (21-13B) | 13 | 070S | 230E | 4304715199 | 5670 | Federal | OW | P | |
| RWU 78 (32-28B) | 28 | 070S | 230E | 4304715200 | 5670 | Federal | OW | P | |
| RWU 79 (12-27B) | 27 | 070S | 230E | 4304715201 | 5670 | Federal | OW | TA | |
| RWU 8 (32-22B) | 22 | 070S | 230E | 4304715139 | 5670 | Federal | OW | P | |
| RWU 80 (14-27B) | 27 | 070S | 230E | 4304715202 | 5670 | Federal | OW | P | |
| RWU 81 (41-31B) | 31 | 070S | 230E | 4304715203 | 5670 | Federal | OW | P | |
| RWU 83 (41-27A) | 27 | 070S | 220E | 4304715205 | 5670 | Federal | OW | P | |
| RWU 84 (44-14B) | 14 | 070S | 230E | 4304715206 | 5670 | Federal | GW | P | |
| RWU 9 (43-23B) | 23 | 070S | 230E | 4304715140 | 5670 | Federal | OW | P | |
| RWU 90 (43-21B) | 21 | 070S | 230E | 4304715211 | 5670 | Federal | OW | P | |
| RWU 92 (11-23B) | 23 | 070S | 230E | 4304715212 | 5670 | Federal | OW | TA | |
| RWU 94 (12-22A) | 22 | 070S | 220E | 4304715213 | 5670 | Federal | OW | P | |
| RWU 99 (12-22B) | 22 | 070S | 230E | 4304715218 | 5670 | Federal | OW | P | |
| RED WASH UNIT 259 | 16 | 070S | 230E | 4304732785 | 5670 | State | OW | P | |
| RED WASH UNIT 260 | 16 | 070S | 230E | 4304732786 | 5670 | State | OW | P | |
| RWU 51 (12-16B) | 16 | 070S | 230E | 4304715177 | 5670 | State | OW | P | |
| RWU ST 189 (41-16B) | 16 | 070S | 230E | 4304715292 | 5670 | State | OW | P | |
| | | | | | | | | | |
| RED WASH UNIT 261 | 17 | 070S | 230E | 4304732739 | 5670 | Federal | WI | A | |
| RWU 100-A (43-21A) | 21 | 070S | 220E | 4304715219 | 5670 | Federal | WI | A | |

SEI (N4235) to QEP (N2460) RED WASH UNIT

| well_name | Sec | T | R | api | Entity | Lease Type | type | stat | |
|------------------|-----|------|------|------------|--------|------------|------|------|--|
| RWU 102 (41-24A) | 24 | 070S | 220E | 4304715221 | 5670 | Federal | WI | A | |
| RWU 11 | 27 | 070S | 230E | 4304715142 | 5670 | Federal | WI | A | |
| RWU 11-19B | 19 | 070S | 230E | 4304733552 | 5670 | Federal | WI | A | |
| RWU 11-20B | 20 | 070S | 230E | 4304733553 | 5670 | Federal | WI | A | |
| RWU 11-25A | 25 | 070S | 220E | 4304733574 | 5670 | Federal | WI | A | |
| RWU 11-29B | 29 | 070S | 230E | 4304733590 | 5670 | Federal | WI | A | |
| RWU 11-30B | 30 | 070S | 230E | 4304733785 | 5670 | Federal | WI | A | |
| RWU 12-24A | 24 | 070S | 220E | 4304733591 | 5670 | Federal | WI | A | |
| RWU 13-19B | 19 | 070S | 230E | 4304733497 | 5670 | Federal | WI | A | |
| RWU 13-20B | 20 | 070S | 230E | 4304733498 | 5670 | Federal | WI | A | |
| RWU 13-25A | 25 | 070S | 220E | 4304733575 | 5670 | Federal | WI | A | |
| RWU 14 (14-13B) | 13 | 070S | 230E | 4304715144 | 5670 | Federal | WI | A | |
| RWU 148 (13-22B) | 22 | 070S | 230E | 4304715261 | 5670 | Federal | WI | A | |
| RWU 150 (31-22B) | 22 | 070S | 230E | 4304715263 | 5670 | Federal | WI | I | |
| RWU 156 (23-15B) | 15 | 070S | 230E | 4304715267 | 5670 | Federal | WI | A | |
| RWU 16 (43-28B) | 28 | 070S | 230E | 4304716475 | 5670 | Federal | WI | I | |
| RWU 161 (14-20B) | 20 | 070S | 230E | 4304715271 | 5670 | Federal | WI | I | |
| RWU 17 (41-20B) | 20 | 070S | 230E | 4304715146 | 5670 | Federal | WI | A | |
| RWU 170 (41-15B) | 15 | 070S | 230E | 4304716495 | 5670 | Federal | WI | I | |
| RWU 173 (21-21B) | 21 | 070S | 230E | 4304716496 | 5670 | Federal | WI | A | |
| RWU 174 (21-20B) | 20 | 070S | 230E | 4304715281 | 5670 | Federal | WI | A | |
| RWU 182 (14-21B) | 21 | 070S | 230E | 4304716497 | 5670 | Federal | WI | A | |
| RWU 183 (33-13B) | 13 | 070S | 230E | 4304715289 | 5670 | Federal | WI | A | |
| RWU 185 (41-1B) | 14 | 070S | 230E | 4304716498 | 5670 | Federal | WI | A | |
| RWU 199 (43-22A) | 22 | 070S | 220E | 4304715301 | 5670 | Federal | WI | A | |
| RWU 2 (14-24B) | 24 | 070S | 230E | 4304716472 | 5670 | Federal | WI | A | |
| RWU 202 (21-34A) | 34 | 070S | 220E | 4304715303 | 5670 | Federal | WI | I | |
| RWU 213 (41-33B) | 33 | 070S | 230E | 4304720060 | 5670 | Federal | WD | A | |
| RWU 215 (43-28A) | 28 | 070S | 220E | 4304730058 | 5670 | Federal | WI | A | |
| RWU 216 (21-27A) | 27 | 070S | 220E | 4304730103 | 5670 | Federal | WI | A | |
| RWU 23 (21-23B) | 23 | 070S | 230E | 4304715151 | 5670 | Federal | WI | A | |
| RWU 23-18C (97) | 18 | 070S | 240E | 4304715216 | 5670 | Federal | WI | I | |
| RWU 25 (23-23B) | 23 | 070S | 230E | 4304716476 | 5670 | Federal | WI | A | |
| RWU 258 (34-22A) | 22 | 070S | 220E | 4304730458 | 5670 | Federal | WI | A | |
| RWU 263 (24-26B) | 26 | 070S | 230E | 4304730518 | 5670 | Federal | WI | I | |
| RWU 264 (31-35B) | 35 | 070S | 230E | 4304730519 | 5670 | Federal | WI | A | |
| RWU 266 (33-26B) | 26 | 070S | 230E | 4304730521 | 5670 | Federal | WI | I | |
| RWU 268 (43-17B) | 17 | 070S | 230E | 4304732980 | 5670 | Federal | WI | A | |
| RWU 269 (13-26B) | 26 | 070S | 230E | 4304730522 | 5670 | Federal | WI | I | |
| RWU 271 (42-35B) | 35 | 070S | 230E | 4304731081 | 5670 | Federal | WI | I | |
| RWU 275 (31-26B) | 26 | 070S | 230E | 4304731077 | 5670 | Federal | WI | A | |
| RWU 279 (11-36B) | 36 | 070S | 230E | 4304731052 | 5670 | Federal | WI | A | |
| RWU 283 (43-18B) | 18 | 070S | 230E | 4304732982 | 5670 | Federal | WI | A | |
| RWU 31-19B | 19 | 070S | 230E | 4304733555 | 5670 | Federal | WI | A | |
| RWU 31-25A | 25 | 070S | 220E | 4304733577 | 5670 | Federal | WI | A | |
| RWU 31-30B | 30 | 070S | 230E | 4304733788 | 5670 | Federal | WI | A | |
| RWU 33-19B | 19 | 070S | 230E | 4304733499 | 5670 | Federal | WI | A | |
| RWU 33-20B | 20 | 070S | 230E | 4304733500 | 5670 | Federal | WI | A | |
| RWU 33-25A | 25 | 070S | 220E | 4304733578 | 5670 | Federal | WI | A | |
| RWU 33-30B | 30 | 070S | 230E | 4304733790 | 5670 | Federal | WI | A | |
| RWU 34 (23-14B) | 14 | 070S | 230E | 4304715161 | 5670 | Federal | WI | A | |
| RWU 34-13A | 13 | 070S | 220E | 4304733593 | 5670 | Federal | WI | A | |
| RWU 34-24A | 24 | 070S | 220E | 4304733568 | 5670 | Federal | WI | A | |
| RWU 48 (32-19B) | 19 | 070S | 230E | 4304715174 | 5670 | Federal | WI | I | |
| RWU 56 (41-28B) | 28 | 070S | 230E | 4304715182 | 5670 | Federal | WI | A | |
| RWU 59 (12-24B) | 24 | 070S | 230E | 4304716477 | 5670 | Federal | WI | A | |
| RWU 6 (41-21B) | 21 | 070S | 230E | 4304716482 | 5670 | Federal | WI | A | |
| RWU 61 (12-27A) | 27 | 070S | 220E | 4304716478 | 5670 | Federal | WI | I | |
| RWU 68 (41-13B) | 13 | 070S | 230E | 4304716485 | 5670 | Federal | WI | I | |
| RWU 7 (41-27B) | 27 | 070S | 230E | 4304716473 | 5670 | Federal | WI | I | |
| RWU 88 (23-18B) | 18 | 070S | 230E | 4304715210 | 5670 | Federal | WI | A | |
| RWU 91 (33-22B) | 22 | 070S | 230E | 4304716479 | 5670 | Federal | WI | A | |
| RWU 93 (43-27B) | 27 | 070S | 230E | 4304716480 | 5670 | Federal | WI | I | |
| RWU 324 (23-16B) | 16 | 070S | 230E | 4304733084 | 5670 | State | WI | I | |



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

IN REPLY REFER TO
UT-922

June 9, 2003

QEP Uinta Basin, Inc.
1050 17th Street, Suite 500
Denver, Colorado 80265

Re: Red Wash Unit
Uintah County, Utah

Gentlemen:

On May 30, 2003, we received an indenture dated February 1, 2003, whereby Shenandoah Energy, Inc. changed its name and QEP Uinta Basin, Inc. was designated as Successor Unit Operator for the Red Wash Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective June 9, 2003. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under Red Wash Unit Agreement.

Your nationwide (Eastern States) oil and gas bond No. B000024 will be used to cover all operations within the Red Wash Unit.

It is requested that you notify all interested parties of the name change of unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)
SITLA
Division of Oil, Gas & Mining
Minerals Adjudication Group
File - Red Wash Unit (w/enclosure)
Agr. Sec. Chron
Fluid Chron

UT922:TAThompson:tt:6/9/03

JUL 07 2003

3104 (932.34)WF
Nationwide Bond ESB000024

NOTICE

QEP Uinta Basin, Inc.
1050 17th Street Suite 500
Denver, Colorado 80265

:
: Oil and Gas
: lease
:

Name Change Recognized

Acceptable evidence has been filed in this office concerning the name change of Shenandoah Energy Incorporated into QEP Uinta Basin, Incorporated. QEP Uinta Basin, Incorporated is the surviving entity. This name change is recognized effective April 17, 2003.

Eastern States will notify the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice.

If you identify other leases in which the merging entity maintain an interest, please contact this office and we will appropriately document those files with a copy of this notice.

If you have any questions, please contact Bill Forbes at 703-440-1536.

S/Wilbert B. Forbes

Wilbert B. Forbes
Land Law Examiner
Branch of Use Authorization
Division of Resources Planning,
Use and Protection

bc: JFO,MMS, ES RF, 930 RF, 932.34 RF, E-932: wbf:07 /07/03:440-1536/ QEP Uinta Basin
MFO

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

| |
|----------------|
| ROUTING |
| 1. DJJ |
| 2. CDW |

Change of Operator (Well Sold)

X - Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

1/1/2007

| | |
|---|--|
| FROM: (Old Operator): N2460-QEP Uinta Basin, Inc. 1050 17th St, Suite 500 Denver, CO 80265 Phone: 1 (303) 672-6900 | TO: (New Operator): N5085-Questar E&P Company 1050 17th St, Suite 500 Denver, CO 80265 Phone: 1 (303) 672-6900 |
|---|--|

| WELL NAME | CA No. | SEC | TWN | RNG | API NO | ENTITY NO | LEASE TYPE | WELL TYPE | WELL STATUS |
|--------------------|--------|-----|-----|-----|--------|-----------|------------|-----------|-------------|
| SEE ATTACHED LISTS | | | | | * | | | | |

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/19/2007
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/16/2007
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 1/31/2005
- Is the new operator registered in the State of Utah: Business Number: 764611-0143
- (R649-9-2) Waste Management Plan has been received on: IN PLACE
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: n/a
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 4/23/2007 BIA
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 4/23/2007
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on:
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on:

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 4/30/2007 and 5/15/2007
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 4/30/2007 and 5/15/2007
- Bond information entered in RBDMS on: 4/30/2007 and 5/15/2007
- Fee/State wells attached to bond in RBDMS on: 4/30/2007 and 5/15/2007
- Injection Projects to new operator in RBDMS on: 4/30/2007 and 5/15/2007
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: ESB000024
- Indian well(s) covered by Bond Number: 799446
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965003033
- The **FORMER** operator has requested a release of liability from their bond on: n/a

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS: THIS IS A COMPANY NAME CHANGE.

SOME WELL NAMES HAVE BEEN CHANGED AS REQUESTED

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
RED WASH UNIT

4/30/2007 and 5/15/2007

| Original Well Name | Well Name & No. | Q/Q | SEC | TWP | RNG | API | Entity | Lease | Well Type | Status |
|--------------------|-----------------|------|-----|------|------|------------|--------|---------|-----------|--------|
| RWU 1 (41-26B) | RW 41-26B | NENE | 26 | 070S | 230E | 4304715135 | 5670 | Federal | OW | TA |
| RWU 3 (34-23B) | RW 34-23B | SWSE | 23 | 070S | 230E | 4304715136 | 5670 | Federal | OW | P |
| RWU 4 (41-22B) | RW 41-22B | NENE | 22 | 070S | 230E | 4304715137 | 5670 | Federal | OW | TA |
| RWU 5 (41-23B) | RW 41-23B | NENE | 23 | 070S | 230E | 4304715138 | 5670 | Federal | OW | P |
| RWU 8 (32-22B) | RW 32-22B | SWNE | 22 | 070S | 230E | 4304715139 | 5670 | Federal | OW | P |
| RWU 9 (43-23B) | RW 43-23B | NESE | 23 | 070S | 230E | 4304715140 | 5670 | Federal | OW | P |
| RWU 10 (12-23B) | RW 12-23B | SWNW | 23 | 070S | 230E | 4304715141 | 5670 | Federal | OW | TA |
| RWU 11 | RW 34-27B | SWSE | 27 | 070S | 230E | 4304715142 | 99996 | Federal | WI | A |
| RWU 13 (14-22B) | RW 14-22B | SWSW | 22 | 070S | 230E | 4304715143 | 5670 | Federal | OW | TA |
| RW 14-13B | RW 14-13B | SWSW | 13 | 070S | 230E | 4304715144 | 99996 | Federal | WI | A |
| RWU 15 (32-17C) | RW 32-17C | SWNE | 17 | 070S | 240E | 4304715145 | 5670 | Federal | OW | P |
| RWU 17 (41-20B) | RW 41-20B | NENE | 20 | 070S | 230E | 4304715146 | 5670 | Federal | WI | A |
| RWU 19 (34-26B) | RW 34-26B | SWSE | 26 | 070S | 230E | 4304715148 | 5670 | Federal | GW | S |
| RWU 21 (32-14B) | RW 32-14B | SWNE | 14 | 070S | 230E | 4304715150 | 5670 | Federal | OW | P |
| RWU 23 (21-23B) | RW 21-23B | SENE | 23 | 070S | 230E | 4304715151 | 99996 | Federal | WI | A |
| RWU 24 (34-14B) | RW 34-14B | SWSE | 14 | 070S | 230E | 4304715152 | 5670 | Federal | OW | S |
| RWU 26 (23-22B) | RW 23-22B | NESW | 22 | 070S | 230E | 4304715153 | 5670 | Federal | OW | TA |
| RWU 27 (43-14B) | RW 43-14B | NESE | 14 | 070S | 230E | 4304715154 | 5670 | Federal | OW | TA |
| RWU 28 (43-22B) | RW 43-22B | NESE | 22 | 070S | 230E | 4304715155 | 5670 | Federal | OW | P |
| RWU 29 (32-23B) | RW 32-23B | SWNE | 23 | 070S | 230E | 4304715156 | 5670 | Federal | OW | P |
| RW 23-13B | RW 23-13B | NESW | 13 | 070S | 230E | 4304715157 | 5670 | Federal | GW | TA |
| RWU 31 (34-22B) | RW 34-22B | SWSE | 22 | 070S | 230E | 4304715158 | 5670 | Federal | OW | P |
| RWU 33 (14-14B) | RW 14-14B | SWSW | 14 | 070S | 230E | 4304715160 | 5670 | Federal | GW | TA |
| RWU 34 (23-14B) | RW 23-14B | NESW | 14 | 070S | 230E | 4304715161 | 99996 | Federal | WI | A |
| RW 43-13B | RW 43-13B | NESE | 13 | 070S | 230E | 4304715162 | 5670 | Federal | OW | TA |
| RWU 36 (32-13B) | RW 32-13B | SWNE | 13 | 070S | 230E | 4304715163 | 5670 | Federal | GW | P |
| RWU 38 (14-23B) | RW 14-23B | SWSW | 23 | 070S | 230E | 4304715165 | 5670 | Federal | OW | P |
| RWU 39 (14-24A) | RW 14-24A | SWSW | 24 | 070S | 220E | 4304715166 | 5670 | Federal | OW | TA |
| RWU 40 (21-24B) | RW 21-24B | NENW | 24 | 070S | 230E | 4304715167 | 5670 | Federal | OW | TA |
| RWU 41 (34-13B) | RW 34-13B | SWSE | 13 | 070S | 230E | 4304715168 | 5670 | Federal | OW | P |
| RWU 42 (21-29C) | RW 21-29C | NENW | 29 | 070S | 240E | 4304715169 | 5670 | Federal | GW | P |
| RWU 43 (12-17B) | RW 12-17B | SWNW | 17 | 070S | 230E | 4304715170 | 5670 | Federal | OW | P |
| RWU 44 (32-33C) | RW 32-33C | SWNE | 33 | 070S | 240E | 4304715171 | 5670 | Federal | GW | P |
| RWU 45 (23-30B) | RW 23-30B | NESW | 30 | 070S | 230E | 4304715172 | 5670 | Federal | OW | TA |
| RWU 46 (41-21C) | RW 41-21C | NENE | 21 | 070S | 240E | 4304715173 | 5670 | Federal | GW | TA |
| RWU 48 (32-19B) | RW 32-19B | SWNE | 19 | 070S | 230E | 4304715174 | 99996 | Federal | WI | I |
| RWU 49 (12-29B) | RW 12-29B | SWNW | 29 | 070S | 230E | 4304715175 | 5670 | Federal | OW | TA |
| RWU 50 (14-23A) | RW 14-23A | SWSW | 23 | 070S | 220E | 4304715176 | 5670 | Federal | OW | P |
| RWU 52 (14-18B) | RW 14-18B | SWSW | 18 | 070S | 230E | 4304715178 | 5670 | Federal | OW | TA |
| RWU 53 (41-25A) | RW 41-25A | NENE | 25 | 070S | 220E | 4304715179 | 5670 | Federal | OW | TA |
| RWU 56 (41-28B) | RW 41-28B | NENE | 28 | 070S | 230E | 4304715182 | 99996 | Federal | WI | A |

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
RED WASH UNIT

4/30/2007 and 5/15/2007

| Original Well Name | Well Name & No. | Q/Q | SEC | TWP | RNG | API | Entity | Lease | Well Type | Status |
|--------------------|-----------------|------|-----|------|------|------------|--------|---------|-----------|--------|
| RWU 57 (12-18C) | RW 12-18C | SWNW | 18 | 070S | 240E | 4304715183 | 5670 | Federal | OW | P |
| RWU 63 (21-22B) | RW 21-22B | NENW | 22 | 070S | 230E | 4304715186 | 5670 | Federal | GW | TA |
| RWU 64 (32-27B) | RW 32-27B | SWNE | 27 | 070S | 230E | 4304715187 | 5670 | Federal | OW | TA |
| RWU 66 (34-18B) | RW 34-18B | SWSE | 18 | 070S | 230E | 4304715189 | 5670 | Federal | OW | P |
| RWU 67 (42-22B) | RW 42-22B | SENE | 22 | 070S | 230E | 4304715190 | 5670 | Federal | OW | TA |
| RWU 69 (21-27B) | RW 21-27B | NENW | 27 | 070S | 230E | 4304715191 | 5670 | Federal | OW | TA |
| RWU 70 (23-22A) | RW 23-22A | NESW | 22 | 070S | 220E | 4304715192 | 5670 | Federal | OW | P |
| RWU 71 (21-18C) | RW 21-18C | NENW | 18 | 070S | 240E | 4304715193 | 5670 | Federal | OW | P |
| RWU 72 (23-27B) | RW 23-27B | NESW | 27 | 070S | 230E | 4304715194 | 5670 | Federal | OW | TA |
| RWU 74 (12-13B) | RW 12-13B | SWNW | 13 | 070S | 230E | 4304715196 | 5670 | Federal | GW | S |
| RWU 75 (21-26B) | RW 21-26B | NENW | 26 | 070S | 230E | 4304715197 | 5670 | Federal | OW | TA |
| RWU 76 (32-18C) | RW 32-18C | SWNE | 18 | 070S | 240E | 4304715198 | 5670 | Federal | GW | P |
| RWU 77 (21-13B) | RWU 77 (21-13B) | NENW | 13 | 070S | 230E | 4304715199 | 5670 | Federal | OW | P |
| RWU 78 (32-28B) | RW 32-28B | SWNE | 28 | 070S | 230E | 4304715200 | 5670 | Federal | OW | P |
| RWU 79 (12-27B) | RW 12-27B | SWNW | 27 | 070S | 230E | 4304715201 | 5670 | Federal | OW | TA |
| RWU 80 (14-27B) | RW 14-27B | SWSW | 27 | 070S | 230E | 4304715202 | 5670 | Federal | OW | S |
| RWU 81 (41-31B) | RW 41-31B | NENE | 31 | 070S | 230E | 4304715203 | 5670 | Federal | OW | P |
| RWU 83 (41-27A) | RW 41-27A | NENE | 27 | 070S | 220E | 4304715205 | 5670 | Federal | OW | P |
| RWU 84 (44-14B) | RW 44-14B | SESE | 14 | 070S | 230E | 4304715206 | 5670 | Federal | GW | P |
| RWU 88 (23-18B) | RW 23-18B | NESW | 18 | 070S | 230E | 4304715210 | 5670 | Federal | WI | A |
| RWU 90 (43-21B) | RW 43-21B | NESE | 21 | 070S | 230E | 4304715211 | 5670 | Federal | OW | P |
| RWU 92 (11-23B) | RW 11-23B | NWNW | 23 | 070S | 230E | 4304715212 | 5670 | Federal | OW | TA |
| RWU 94 (12-22A) | RW 12-22A | SWNW | 22 | 070S | 220E | 4304715213 | 5670 | Federal | OW | P |
| RWU 23-18C (97) | RW 23-18C | NESW | 18 | 070S | 240E | 4304715216 | 99996 | Federal | WI | I |
| RWU 99 (12-22B) | RW 12-22B | SWNW | 22 | 070S | 230E | 4304715218 | 5670 | Federal | OW | P |
| RWU 100-A (43-21A) | RW 43-21A | NESE | 21 | 070S | 220E | 4304715219 | 5670 | Federal | WI | A |
| RWU 101 (34-21B) | RW 34-21B | SWSE | 21 | 070S | 230E | 4304715220 | 5670 | Federal | OW | P |
| RWU 102 (41-24A) | RW 41-24A | SENE | 24 | 070S | 220E | 4304715221 | 5670 | Federal | WI | A |
| RWU 103 (34-15B) | RW 34-15B | SWSE | 15 | 070S | 230E | 4304715222 | 5670 | Federal | OW | P |
| RWU 108 (32-21B) | RW 32-21B | SWNE | 21 | 070S | 230E | 4304715226 | 5670 | Federal | OW | P |
| RWU 109 (21-28B) | RW 21-28B | NENW | 28 | 070S | 230E | 4304715227 | 5670 | Federal | OW | P |
| RWU 110 (23-23A) | RW 23-23A | NESW | 23 | 070S | 220E | 4304715228 | 5670 | Federal | OW | P |
| RWU 111 (32-24A) | RW 32-24A | SWNE | 24 | 070S | 220E | 4304715229 | 5670 | Federal | OW | S |
| RWU 112 (32-28A) | RW 32-28A | SWNE | 28 | 070S | 220E | 4304715230 | 5670 | Federal | OW | S |
| RWU 115 (21-19B) | RW 21-19B | NENW | 19 | 070S | 230E | 4304715233 | 5670 | Federal | OW | P |
| RWU 119 (43-29A) | RW 43-29A | NESE | 29 | 070S | 220E | 4304715236 | 5670 | Federal | OW | P |
| RWU 120 (23-28B) | RW 23-28B | NESW | 28 | 070S | 230E | 4304715237 | 5670 | Federal | OW | TA |
| RW 13-13B | RW 13-13B | NWSW | 13 | 070S | 230E | 4304715238 | 5670 | Federal | GW | P |
| RWU 122 (24-14B) | RW 24-14B | SESW | 14 | 070S | 230E | 4304715239 | 5670 | Federal | OW | P |
| RWU 125 (34-19B) | RW 34-19B | SWSE | 19 | 070S | 230E | 4304715242 | 5670 | Federal | OW | TA |
| RWU 126 (41-29A) | RW 41-29A | NENE | 29 | 070S | 220E | 4304715243 | 5670 | Federal | OW | P |

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
RED WASH UNIT

4/30/2007 and 5/15/2007

| Original Well Name | Well Name & No. | Q/Q | SEC | TWP | RNG | API | Entity | Lease | Well Type | Status |
|--------------------|-----------------|------|-----|------|------|------------|--------|---------|-----------|--------|
| RWU 127 (12-19B) | RW 12-19B | SWNW | 19 | 070S | 230E | 4304715244 | 5670 | Federal | OW | S |
| RWU 129 (14-15B) | RW 14-15B | SWSW | 15 | 070S | 230E | 4304715246 | 5670 | Federal | OW | P |
| RWU 133 (41-34B) | RW 41-34B | NENE | 34 | 070S | 230E | 4304715250 | 5670 | Federal | OW | P |
| RWU 136 (43-19B) | RW 43-19B | NESE | 19 | 070S | 230E | 4304715252 | 5670 | Federal | OW | TA |
| RWU 137 (34-28B) | RW 34-28B | SWSE | 28 | 070S | 230E | 4304715253 | 5670 | Federal | GW | TA |
| RWU 138 (41-30B) | RW 41-30B | NENE | 30 | 070S | 230E | 4304715254 | 5670 | Federal | OW | P |
| RWU 140 (24-22B) | RW 24-22B | SESW | 22 | 070S | 230E | 4304715255 | 5670 | Federal | OW | P |
| RWU 141 (11-27B) | RW 11-27B | NWNW | 27 | 070S | 230E | 4304715256 | 5670 | Federal | OW | TA |
| RWU 143 (33-14B) | RW 33-14B | NWSE | 14 | 070S | 230E | 4304715257 | 5670 | Federal | OW | P |
| RWU 144 (21-18B) | RW 21-18B | NENW | 18 | 070S | 230E | 4304715258 | 5670 | Federal | OW | TA |
| RW 24-13B | RW 24-13B | SESW | 13 | 070S | 230E | 4304715259 | 5670 | Federal | OW | TA |
| RWU 147 (22-22B) | RW 22-22B | SESW | 22 | 070S | 230E | 4304715260 | 5670 | Federal | OW | TA |
| RWU 148 (13-22B) | RW 13-22B | NWSW | 22 | 070S | 230E | 4304715261 | 99996 | Federal | WI | A |
| RWU 150 (31-22B) | RW 31-22B | NWNE | 22 | 070S | 230E | 4304715263 | 99996 | Federal | WI | I |
| RWU 151 (42-14B) | RW 42-14B | SENE | 14 | 070S | 230E | 4304715264 | 5670 | Federal | OW | P |
| RWU 153 (14-29B) | RW 14-29B | SWSW | 29 | 070S | 230E | 4304715265 | 5670 | Federal | OW | P |
| RWU 156 (23-15B) | RW 23-15B | NESW | 15 | 070S | 230E | 4304715267 | 99990 | Federal | WI | A |
| RWU 158 (32-30B) | RW 32-30B | SWNE | 30 | 070S | 230E | 4304715268 | 5670 | Federal | OW | P |
| RWU 160 (32-15B) | RW 32-15B | SWNE | 15 | 070S | 230E | 4304715270 | 5670 | Federal | OW | P |
| RWU 161 (14-20B) | RW 14-20B | SWSW | 20 | 070S | 230E | 4304715271 | 99996 | Federal | WI | I |
| RWU 162 (12-20B) | RW 12-20B | SWNW | 20 | 070S | 230E | 4304715272 | 5670 | Federal | OW | P |
| RWU 164 (12-28B) | RW 12-28B | SWNW | 28 | 070S | 230E | 4304715274 | 5670 | Federal | OW | P |
| RWU 165 (32-26B) | RW 32-26B | SWNE | 26 | 070S | 230E | 4304715275 | 5670 | Federal | GW | TA |
| RWU 167 (23-21B) | RW 23-21B | NESW | 21 | 070S | 230E | 4304715277 | 5670 | Federal | OW | S |
| RWU 168 (23-24B) | RW 23-24B | NESW | 24 | 070S | 230E | 4304715278 | 5670 | Federal | OW | TA |
| RWU 172 (21-30B) | RW 21-30B | NENW | 30 | 070S | 230E | 4304715280 | 5670 | Federal | OW | TA |
| RWU 174 (21-20B) | RW 21-20B | NENW | 20 | 070S | 230E | 4304715281 | 5670 | Federal | WI | A |
| RWU 176 (31-28B) | RW 31-28B | NWNE | 28 | 070S | 230E | 4304715283 | 5670 | Federal | OW | TA |
| RWU 177 (42-28B) | RW 42-28B | SENE | 28 | 070S | 230E | 4304715284 | 5670 | Federal | OW | TA |
| RW 22-13B | RW 22-13B | SESW | 13 | 070S | 230E | 4304715285 | 5670 | Federal | OW | TA |
| RWU 180 (31-23B) | RW 31-23B | NWNE | 23 | 070S | 230E | 4304715287 | 5670 | Federal | OW | TA |
| RWU 181 (34-30B) | RW 34-30B | SWSE | 30 | 070S | 230E | 4304715288 | 5670 | Federal | OW | P |
| RW 33-13B | RW 33-13B | NWSE | 13 | 070S | 230E | 4304715289 | 5670 | Federal | WI | A |
| RWU 184 (23-26B) | RW 23-26B | NESW | 26 | 070S | 230E | 4304715290 | 5670 | Federal | GW | S |
| RWU 188 (23-20B) | RW 23-20B | NESW | 20 | 070S | 230E | 4304715291 | 5670 | Federal | OW | TA |
| RWU 192 (41-33A) | RW 41-33A | NENE | 33 | 070S | 220E | 4304715294 | 5670 | Federal | OW | P |
| RWU 193 (43-24B) | RW 43-24B | NESE | 24 | 070S | 230E | 4304715295 | 5670 | Federal | GW | TA |
| RWU 194 (12-14B) | RW 12-14B | SWNW | 14 | 070S | 230E | 4304715296 | 5670 | Federal | OW | S |
| RWU 196 (23-17C) | RW 23-17C | NESW | 17 | 070S | 240E | 4304715298 | 5670 | Federal | GW | TA |
| RWU 199 (43-22A) | RW 43-22A | NESE | 22 | 070S | 220E | 4304715301 | 99996 | Federal | WI | A |
| RWU 201 (32-28C) | RW 32-28C | SWNE | 28 | 070S | 240E | 4304715302 | 5670 | Federal | GW | P |

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
RED WASH UNIT

4/30/2007 and 5/15/2007

| Original Well Name | Well Name & No. | Q/Q | SEC | TWP | RNG | API | Entity | Lease | Well Type | Status |
|--------------------|-----------------|------|-----|------|------|------------|--------|---------|-----------|--------|
| RWU 202 (21-34A) | RW 21-34A | NENW | 34 | 070S | 220E | 4304715303 | 99996 | Federal | WI | I |
| RWU 204 (23-25A) | RW 23-25A | NESW | 25 | 070S | 220E | 4304715305 | 5670 | Federal | OW | P |
| RWU 205 (23-21C) | RW 23-21C | NESW | 21 | 070S | 240E | 4304715306 | 5670 | Federal | GW | TA |
| RWU 2 (14-24B) | RW 14-24B | SWSW | 24 | 070S | 230E | 4304716472 | 99996 | Federal | WI | A |
| RWU 7 (41-27B) | RW 41-27B | NENE | 27 | 070S | 230E | 4304716473 | 99996 | Federal | WI | I |
| RWU 16 (43-28B) | RW 43-28B | NESE | 28 | 070S | 230E | 4304716475 | 99996 | Federal | WI | I |
| RWU 25 (23-23B) | RW 23-23B | NESW | 23 | 070S | 230E | 4304716476 | 99996 | Federal | WI | A |
| RWU 59 (12-24B) | RW 12-24B | SWNW | 24 | 070S | 230E | 4304716477 | 99996 | Federal | WI | A |
| RWU 61 (12-27A) | RW 12-27A | SWNW | 27 | 070S | 220E | 4304716478 | 99996 | Federal | WI | I |
| RWU 91 (33-22B) | RW 33-22B | NWSE | 22 | 070S | 230E | 4304716479 | 99996 | Federal | WI | A |
| RWU 93 (43-27B) | RW 43-27B | NESE | 27 | 070S | 230E | 4304716480 | 99996 | Federal | WI | I |
| RWU 6 (41-21B) | RW 41-21B | NENE | 21 | 070S | 230E | 4304716482 | 99996 | Federal | WI | A |
| RWU 68 (41-13B) | RW 41-13B | NENE | 13 | 070S | 230E | 4304716485 | 99996 | Federal | WI | I |
| RWU 170 (41-15B) | RW 41-15B | NENE | 15 | 070S | 230E | 4304716495 | 99996 | Federal | WI | I |
| RWU 173 (21-21B) | RW 21-21B | NENW | 21 | 070S | 230E | 4304716496 | 99996 | Federal | WI | A |
| RWU 182 (14-21B) | RW 14-21B | SWSW | 21 | 070S | 230E | 4304716497 | 99996 | Federal | WI | A |
| RWU 185 (41-1B) | RW 41-14B | NENE | 14 | 070S | 230E | 4304716498 | 99996 | Federal | WI | A |
| RWU 212 (41-8F) | RW 41-8F | NENE | 08 | 080S | 240E | 4304720014 | 5670 | Federal | GW | P |
| RWU 213 (41-33B) | RW 41-33B | NENE | 33 | 070S | 230E | 4304720060 | 99996 | Federal | WD | A |
| RWU 215 (43-28A) | RW 43-28A | NESE | 28 | 070S | 220E | 4304730058 | 99996 | Federal | WD | A |
| RWU 216 (21-27A) | RW 21-27A | NENW | 27 | 070S | 220E | 4304730103 | 99996 | Federal | WI | A |
| RWU 219 (44-21C) | RW 44-21C | SESE | 21 | 070S | 240E | 4304730149 | 5670 | Federal | GW | S |
| RWU 220 (22-23B) | RW 22-23B | SENW | 23 | 070S | 230E | 4304730192 | 5670 | Federal | OW | TA |
| RWU 221 (13-27B) | RW 13-27B | NWSW | 27 | 070S | 230E | 4304730199 | 5670 | Federal | OW | TA |
| RWU 222 (31-27B) | RW 31-27B | NWNE | 27 | 070S | 230E | 4304730200 | 5670 | Federal | GW | TA |
| RWU 224 (44-22B) | RW 44-22B | SESE | 22 | 070S | 230E | 4304730202 | 5670 | Federal | GW | TA |
| RWU 225 (13-23B) | RW 13-23B | NWSW | 23 | 070S | 230E | 4304730212 | 5670 | Federal | GW | TA |
| RWU 226 (24-23B) | RW 24-23B | SESW | 23 | 070S | 230E | 4304730249 | 5670 | Federal | GW | S |
| RWU 227 (14-26B) | RW 14-26B | SWSW | 26 | 070S | 230E | 4304730257 | 5670 | Federal | OW | TA |
| RWU 228 (21-34B) | RW 21-34B | NENW | 34 | 070S | 230E | 4304730258 | 5670 | Federal | OW | P |
| RWU 229 (43-26B) | RW 43-26B | NESE | 26 | 070S | 230E | 4304730259 | 5670 | Federal | OW | TA |
| RWU 230 (14-18C) | RW 14-18C | SWSW | 18 | 070S | 240E | 4304730309 | 5670 | Federal | OW | P |
| RWU 231 (21-35B) | RW 21-35B | NENW | 35 | 070S | 230E | 4304730310 | 5670 | Federal | OW | TA |
| RWU 232 (12-26B) | RW 12-26B | SWNW | 26 | 070S | 230E | 4304730311 | 5670 | Federal | OW | TA |
| RWU 233 (12-25B) | RW 12-25B | SWNW | 25 | 070S | 230E | 4304730312 | 5670 | Federal | OW | TA |
| RWU 234 (32-24B) | RW 32-24B | SWNE | 24 | 070S | 230E | 4304730313 | 5670 | Federal | OW | P |
| RWU 235 (34-18C) | RW 34-18C | SWSE | 18 | 070S | 240E | 4304730314 | 5670 | Federal | OW | S |
| RWU 236 (21-19C) | RW 21-19C | NENW | 19 | 070S | 240E | 4304730340 | 5670 | Federal | GW | P |
| RWU 237 (14-25B) | RW 14-25B | SWSW | 25 | 070S | 230E | 4304730341 | 5670 | Federal | OW | P |
| RWU 238 (32-35B) | RW 32-35B | SWNE | 35 | 070S | 230E | 4304730342 | 5670 | Federal | OW | TA |
| RWU 239 (41-35B) | RW 41-35B | NENE | 35 | 070S | 230E | 4304730343 | 5670 | Federal | OW | TA |

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
RED WASH UNIT

4/30/2007 and 5/15/2007

| Original Well Name | Well Name & No. | Q/Q | SEC | TWP | RNG | API | Entity | Lease | Well Type | Status |
|----------------------|-----------------|------|-----|------|------|------------|--------|---------|-----------|--------|
| RWU 240 (12-36B) | RW 12-36B | SWNW | 36 | 070S | 230E | 4304730344 | 5670 | Federal | OW | S |
| RWU 241 (22-14B) | RW 22-14B | SENW | 14 | 070S | 230E | 4304730345 | 5670 | Federal | OW | P |
| RW 42-13B | RW 42-13B | SENE | 13 | 070S | 230E | 4304730346 | 5670 | Federal | OW | P |
| RWU 243 (42-18C) | RW 42-18C | SENE | 18 | 070S | 240E | 4304730347 | 5670 | Federal | OW | TA |
| RWU 244 (23-19C) | RW 23-19C | NESW | 19 | 070S | 240E | 4304730348 | 5670 | Federal | GW | P |
| RWU 246 (22-18C) | RW 22-18C | SENW | 18 | 070S | 240E | 4304730387 | 5670 | Federal | OW | P |
| RWU 247 (22-17C) | RW 22-17C | SENW | 17 | 070S | 240E | 4304730388 | 5670 | Federal | GW | P |
| RWU 258 (34-22A) | RW 34-22A | SWSE | 22 | 070S | 220E | 4304730458 | 5670 | Federal | WI | A |
| RWU 262 (22-26B) | RW 22-26B | SENW | 26 | 070S | 230E | 4304730517 | 5670 | Federal | GW | TA |
| RWU 263 (24-26B) | RW 24-26B | SESW | 26 | 070S | 230E | 4304730518 | 99996 | Federal | WI | I |
| RWU 264 (31-35B) | RW 31-35B | NWNE | 35 | 070S | 230E | 4304730519 | 99996 | Federal | WI | A |
| RWU 265 (44-26B) | RW 44-26B | SESE | 26 | 070S | 230E | 4304730520 | 5670 | Federal | GW | P |
| RWU 266 (33-26B) | RW 33-26B | NWSE | 26 | 070S | 230E | 4304730521 | 99996 | Federal | WI | I |
| RWU 269 (13-26B) | RW 13-26B | NWSW | 26 | 070S | 230E | 4304730522 | 99996 | Federal | WI | A |
| RWU 273 (42-27B) | RW 42-27B | SENE | 27 | 070S | 230E | 4304731051 | 5670 | Federal | OW | TA |
| RWU 279 (11-36B) | RW 11-36B | NWNW | 36 | 070S | 230E | 4304731052 | 99996 | Federal | WI | A |
| RWU 276 (44-27B) | RW 44-27B | SESE | 27 | 070S | 230E | 4304731053 | 5670 | Federal | OW | TA |
| RWU 272 (44-23B) | RW 44-23B | SESE | 23 | 070S | 230E | 4304731054 | 5670 | Federal | GW | P |
| RWU 278 (11-26) | RW 11-26 | NWNW | 26 | 070S | 230E | 4304731076 | 5670 | Federal | GW | TA |
| RWU 275 (31-26B) | RW 31-26B | NWNE | 26 | 070S | 230E | 4304731077 | 99996 | Federal | WI | A |
| RWU 280 (11-35B) | RW 11-35B | NWNW | 35 | 070S | 230E | 4304731079 | 5670 | Federal | OW | P |
| RWU 282 (42-26B) | RW 42-26B | SENE | 26 | 070S | 230E | 4304731080 | 5670 | Federal | GW | TA |
| RWU 271 (42-35B) | RW 42-35B | SENE | 35 | 070S | 230E | 4304731081 | 5670 | Federal | WI | I |
| RWU 270 (22-35B) | RW 22-35B | SENW | 35 | 070S | 230E | 4304731082 | 5670 | Federal | OW | P |
| RWU 284 (33-23B) | RW 33-23B | NWSE | 23 | 070S | 230E | 4304731476 | 5670 | Federal | GW | TA |
| RWU 285 (11-24B) | RW 11-24B | NWNW | 24 | 070S | 230E | 4304731477 | 5670 | Federal | OW | P |
| RWU 286 (42-21B) | RW 42-21B | SENE | 21 | 070S | 230E | 4304731478 | 5670 | Federal | OW | P |
| RW 44-13B | RW 44-13B | SESE | 13 | 070S | 230E | 4304731512 | 5670 | Federal | OW | TA |
| RWU 288 (24-27) | RW 24-27 | SESW | 27 | 070S | 230E | 4304731513 | 5670 | Federal | OW | TA |
| RWU 289 (13-24B) | RW 13-24B | NWSW | 24 | 070S | 230E | 4304731517 | 5670 | Federal | OW | P |
| RWU 292 (42-23B) | RW 42-23B | SENE | 23 | 070S | 230E | 4304731576 | 5670 | Federal | GW | TA |
| RWU 295 (11-22B) | RW 11-22B | NWNW | 22 | 070S | 230E | 4304731577 | 5670 | Federal | GW | TA |
| RWU 296 (12-35B) | RW 12-35B | SWNW | 35 | 070S | 230E | 4304731578 | 5670 | Federal | OW | S |
| RWU 297 (24-15B) | RW 24-15B | SESW | 15 | 070S | 230E | 4304731579 | 5670 | Federal | OW | P |
| RWU 293 (22-22A) | RW 22-22A | SENW | 22 | 070S | 220E | 4304731581 | 5670 | Federal | OW | TA |
| RWU 294 (24-18C) | RW 24-18C | SESW | 18 | 070S | 240E | 4304731582 | 5670 | Federal | GW | P |
| RWU 298 (22-27B) | RW 22-27B | SENW | 27 | 070S | 230E | 4304731679 | 5670 | Federal | OW | TA |
| RWU 301 (43-15B) | RW 43-15B | NESE | 15 | 070S | 230E | 4304731682 | 5670 | Federal | GW | TA |
| RWU 302 (22-24B) | RW 22-24B | SENW | 24 | 070S | 230E | 4304731683 | 5670 | Federal | GW | TA |
| RWU 303 (34-17B) | RW 34-17B | SWSE | 17 | 070S | 230E | 4304731819 | 5670 | Federal | OW | P |
| RED WASH 305 (41-4F) | RW 41-4F | C-NE | 04 | 080S | 240E | 4304732538 | 5670 | Federal | GW | TA |

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
RED WASH UNIT

4/30/2007 and 5/15/2007

| Original Well Name | Well Name & No. | Q/Q | SEC | TWP | RNG | API | Entity | Lease | Well Type | Status |
|--------------------|-----------------|------|-----|------|------|------------|--------|---------|-----------|--------|
| RED WASH 306 | RW 23-23C | NESW | 23 | 070S | 240E | 4304732629 | 5670 | Federal | GW | P |
| RWU 207 | RW 14-17B | SWSW | 17 | 070S | 230E | 4304732738 | 5670 | Federal | OW | P |
| RED WASH UNIT 261 | RW 23-17B | NESW | 17 | 070S | 230E | 4304732739 | 5670 | Federal | WI | A |
| RWU 268 (43-17B) | RW 43-17B | NESE | 17 | 070S | 230E | 4304732980 | 5670 | Federal | WI | A |
| RWU 267 (32-17B) | RW 32-17B | SWNE | 17 | 070S | 230E | 4304732981 | 5670 | Federal | OW | P |
| RWU 283 (43-18B) | RW 43-18B | NESE | 18 | 070S | 230E | 4304732982 | 5670 | Federal | WI | A |
| RWU 299 (32-18B) | RW 32-18B | SWNE | 18 | 070S | 230E | 4304733018 | 5670 | Federal | OW | P |
| RWU 42-20B | RW 42-20B | SENE | 20 | 070S | 230E | 4304733490 | 5670 | Federal | OW | P |
| RWU 22-20B | RW 22-20B | SENE | 20 | 070S | 230E | 4304733491 | 5670 | Federal | OW | S |
| RWU 24-19B | RW 24-19B | SESW | 19 | 070S | 230E | 4304733492 | 5670 | Federal | OW | P |
| RWU 13-19B | RW 13-19B | NWSW | 19 | 070S | 230E | 4304733497 | 5670 | Federal | WI | A |
| RWU 13-20B | RW 13-20B | NWSW | 20 | 070S | 230E | 4304733498 | 5670 | Federal | WI | A |
| RWU 33-19B | RW 33-19B | NWSE | 19 | 070S | 230E | 4304733499 | 5670 | Federal | WI | A |
| RWU 33-20B | RW 33-20B | NWSE | 20 | 070S | 230E | 4304733500 | 5670 | Federal | WI | A |
| RED WASH 22-21B | RW 22-21B | SENE | 21 | 070S | 230E | 4304733522 | 5670 | Federal | OW | S |
| RED WASH 24-20B | RW 24-20B | SESW | 20 | 070S | 230E | 4304733523 | 5670 | Federal | OW | P |
| RED WASH 44-19B | RW 44-19B | SESE | 19 | 070S | 230E | 4304733524 | 5670 | Federal | OW | P |
| RED WASH 44-20B | RW 44-20B | SESE | 20 | 070S | 230E | 4304733525 | 5670 | Federal | OW | P |
| RWU 11-19B | RW 11-19B | NWNW | 19 | 070S | 230E | 4304733552 | 5670 | Federal | WI | A |
| RWU 11-20B | RW 11-20B | NWNW | 20 | 070S | 230E | 4304733553 | 5670 | Federal | WI | A |
| RWU 24-18B | RW 24-18B | SESW | 18 | 070S | 230E | 4304733554 | 5670 | Federal | OW | P |
| RWU 31-19B | RW 31-19B | NWNE | 19 | 070S | 230E | 4304733555 | 5670 | Federal | WI | A |
| RWU 42-19B | RW 42-19B | SENE | 19 | 070S | 230E | 4304733556 | 5670 | Federal | OW | P |
| RWU 22-19B | RW 22-19B | SENE | 19 | 070S | 230E | 4304733559 | 5670 | Federal | OW | P |
| RWU 23-24A | RW 23-24A | NESW | 24 | 070S | 220E | 4304733567 | 5670 | Federal | OW | P |
| RWU 34-24A | RW 34-24A | SWSE | 24 | 070S | 220E | 4304733568 | 5670 | Federal | WI | A |
| RWU 42-24A | RW 42-24A | SENE | 24 | 070S | 220E | 4304733569 | 5670 | Federal | OW | S |
| RWU 11-25A | RW 11-25A | NWNW | 25 | 070S | 220E | 4304733574 | 5670 | Federal | WI | A |
| RWU 13-25A | RW 13-25A | NWSW | 25 | 070S | 220E | 4304733575 | 5670 | Federal | WI | A |
| RWU 21-25A | RW 21-25A | NENW | 25 | 070S | 220E | 4304733576 | 5670 | Federal | OW | P |
| RWU 31-25A | RW 31-25A | NWNE | 25 | 070S | 220E | 4304733577 | 5670 | Federal | WI | A |
| RWU 33-25A | RW 33-25A | NWSE | 25 | 070S | 220E | 4304733578 | 5670 | Federal | WI | A |
| RW 41-25AX | RW 41-25A | NENE | 25 | 070S | 220E | 4304733579 | 5670 | Federal | OW | P |
| RWU 42-25A | RWU 42-25A | SENE | 25 | 070S | 220E | 4304733580 | 5670 | Federal | OW | TA |
| RWU 11-29B | RW 11-29B | NWNW | 29 | 070S | 230E | 4304733590 | 5670 | Federal | WI | A |
| RWU 12-24A | RW 12-24A | SWNW | 24 | 070S | 220E | 4304733591 | 5670 | Federal | WI | A |
| RWU 21-24A | RW 21-24A | NENW | 24 | 070S | 220E | 4304733592 | 5670 | Federal | OW | P |
| RWU 34-13A | RW 34-13A | SWSE | 13 | 070S | 220E | 4304733593 | 5670 | Federal | WI | A |
| RWU 44-18B | RW 44-18B | SESE | 18 | 070S | 230E | 4304733594 | 5670 | Federal | OW | P |
| RW 22-13A | RW 22-13A | SENE | 13 | 070S | 220E | 4304733765 | 13296 | Federal | OW | S |
| RWU 22-29B | RW 22-29B | SENE | 29 | 070S | 230E | 4304733766 | 5670 | Federal | OW | S |

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
RED WASH UNIT

4/30/2007 and 5/15/2007

| Original Well Name | Well Name & No. | Q/Q | SEC | TWP | RNG | API | Entity | Lease | Well Type | Status |
|--------------------|-----------------|------|-----|------|------|------------|--------|---------|-----------|--------|
| RWU 41-24A | RW 41-24A | NENE | 24 | 070S | 220E | 4304733769 | 5670 | Federal | OW | P |
| RWU 42-30B | RW 42-30B | SENE | 30 | 070S | 230E | 4304733771 | 5670 | Federal | OW | P |
| RWU 44-30B | RWU 44-30B | SESE | 30 | 070S | 230E | 4304733772 | 5670 | Federal | OW | P |
| RWU 11-30B | RW 11-30B | NWNW | 30 | 070S | 230E | 4304733785 | 5670 | Federal | WI | A |
| RWU 22-25A | RW 22-25A | SENE | 25 | 070S | 220E | 4304733786 | 5670 | Federal | OW | P |
| RWU 31-30B | RW 31-30B | NWNE | 30 | 070S | 230E | 4304733788 | 5670 | Federal | WI | A |
| RWU 33-30B | RW 33-30B | NWSE | 30 | 070S | 230E | 4304733790 | 5670 | Federal | WI | A |
| RED WASH U 34-27C | RW 34-27C | SWSE | 27 | 070S | 240E | 4304735045 | 5670 | Federal | GW | P |
| RWU 34-22C | RW 34-22C | SWSE | 22 | 070S | 240E | 4304735098 | 5670 | Federal | GW | P |
| RW 12G-20C | RW 12G-20C | SWNW | 20 | 070S | 240E | 4304735239 | 14011 | Federal | GW | S |
| RW 43G-08F | RW 43G-08F | NESE | 08 | 080S | 240E | 4304735655 | | Federal | GW | APD |
| RW 22G-09F | RW 22G-09F | SENE | 09 | 080S | 240E | 4304735656 | 15636 | Federal | GW | OPS |
| RWU 34-23AG | RW 34-23AG | SWSE | 23 | 070S | 220E | 4304735668 | 5670 | Federal | OW | P |
| RWU 34-27AG | RWU 34-27AD | SWSE | 27 | 070S | 220E | 4304735669 | 5670 | Federal | OW | DRL |
| RWU 32-27AG | RWU 32-27AG | SWNE | 27 | 070S | 220E | 4304735670 | 5670 | Federal | OW | S |
| RW 14-34AMU | RW 14-34AMU | SWSW | 34 | 070S | 220E | 4304735671 | 14277 | Federal | GW | P |
| RW 12-08FG | RW 12-08FG | SWNW | 08 | 080S | 240E | 4304736348 | | Federal | GW | APD |
| RW 44-08FG | RW 44-08FG | SESE | 08 | 080S | 240E | 4304736349 | 15261 | Federal | GW | P |
| RW 12-17FG | RW 12-17FG | SWNW | 17 | 080S | 240E | 4304736350 | | Federal | GW | APD |
| RW 34-34 AMU | RW 34-34 AD | SWSE | 34 | 070S | 220E | 4304736351 | | Federal | GW | APD |
| RW 44-35 AMU | RW 44-35 AMU | SESE | 35 | 070S | 220E | 4304736352 | | Federal | GW | APD |
| RW 14-35 AMU | RW 14-35 AMU | SWSW | 35 | 070S | 220E | 4304736354 | | Federal | GW | APD |
| RW 33-31 BMU | RW 33-31 BD | NWSE | 31 | 070S | 230E | 4304736357 | | Federal | GW | APD |
| RW 13-31 BMU | RW 13-31 BD | NWSW | 31 | 070S | 230E | 4304736358 | | Federal | GW | APD |
| RW 32-15FG | RW 32-15FG | SWNE | 15 | 080S | 240E | 4304736443 | | Federal | GW | APD |
| RW 21-26AG | RW 21-26AD | NENW | 26 | 070S | 220E | 4304736768 | | Federal | OW | APD |
| RW 43-26AG | RW 43-26AG | NESE | 26 | 070S | 220E | 4304736769 | | Federal | OW | APD |
| RW 43-23AG | RW 43-23AG | NESE | 23 | 070S | 220E | 4304736770 | | Federal | OW | APD |
| RW 41-26AG | RW 41-26AG | NENE | 26 | 070S | 220E | 4304736818 | | Federal | OW | APD |
| RW 04-25BG | RW 04-25B | NWSW | 25 | 070S | 230E | 4304736982 | | Federal | OW | APD |
| RW 01-25BG | RW 01-25BG | NWNW | 25 | 070S | 230E | 4304736983 | | Federal | OW | APD |
| RW 04-26BG | RW 04-26BG | SESW | 26 | 070S | 230E | 4304736984 | | Federal | OW | APD |
| RW 01-26BG | RW 01-26BG | SWNW | 26 | 070S | 230E | 4304736985 | | Federal | OW | APD |
| RW 01-35BG | RW 01-35BG | SWNW | 35 | 070S | 230E | 4304736986 | | Federal | OW | APD |

RED WASH UNIT

| Original Well Name | Well Name & No. | Q/Q | SEC | TWP | RNG | API | Entity | Lease | Well Type | Status |
|---------------------|-----------------|------|-----|------|------|------------|--------|-------|-----------|--------|
| RWU 51 (12-16B) | RW 12-16B | SWNW | 16 | 070S | 230E | 4304715177 | 5670 | State | OW | P |
| RWU ST 189 (41-16B) | RW 41-16B | NENE | 16 | 070S | 230E | 4304715292 | 5670 | State | OW | S |
| RED WASH UNIT 259 | RW 14-16B | SWSW | 16 | 070S | 230E | 4304732785 | 5670 | State | OW | P |
| RED WASH UNIT 260 | RW 34-16B | SWSE | 16 | 070S | 230E | 4304732786 | 5670 | State | OW | P |
| RWU 324 (23-16B) | RW 23-16B | SESW | 16 | 070S | 230E | 4304733084 | 5670 | State | WI | OPS |
| RWU 21W-36A | RWU 21W-36A | NENW | 36 | 070S | 220E | 4304733730 | | State | GW | LA |
| RWU 21G-36A | RWU 21G-36A | NENW | 36 | 070S | 220E | 4304733731 | | State | OW | LA |
| RWU 41-36A | RWU 41-36A | NENE | 36 | 070S | 220E | 4304733732 | | State | OW | LA |
| RWU 43-16B | RWU 43-16B | NESE | 16 | 070S | 230E | 4304733733 | | State | OW | LA |
| RWU 21-16B | RWU 21-16B | NENW | 16 | 070S | 230E | 4304733734 | | State | OW | LA |
| RWU 11-36A | RWU 11-36A | NWNW | 36 | 070S | 220E | 4304733736 | | State | OW | LA |
| RWU 13-36A | RWU 13-36A | NWSW | 36 | 070S | 220E | 4304733737 | | State | OW | LA |
| RW 32G-16C | RW 32G-16C | SWNE | 16 | 070S | 240E | 4304735238 | 5670 | State | GW | P |
| RW 14-36AMU | RW 14-36AMU | SWSW | 36 | 070S | 220E | 4304736721 | | State | GW | APD |
| RW 01-36BG | RW 01-36BG | NWNW | 36 | 070S | 230E | 4304736887 | 5670 | State | OW | S |
| RW 24-16BG | RW 24-16BG | SESW | 16 | 070S | 230E | 4304737746 | 5670 | State | OW | DRL |
| RW 12-32BG | RW 12-32BG | SWNW | 32 | 070S | 230E | 4304737946 | 15841 | State | GW | DRL |

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

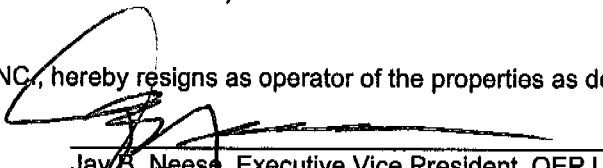

FORM 9

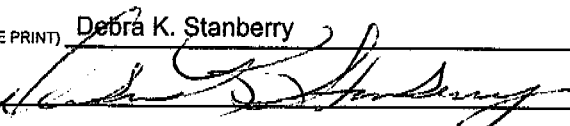
| | | |
|--|--|---|
| SUNDRY NOTICES AND REPORTS ON WELLS | | 5. LEASE DESIGNATION AND SERIAL NUMBER: see attached |
| Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached |
| | | 7. UNIT or CA AGREEMENT NAME: see attached |
| 1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____ | 8. WELL NAME and NUMBER: see attached | |
| 2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY | | 9. API NUMBER: attached |
| 3. ADDRESS OF OPERATOR: 1050 17th Street Suite 500 <small>CITY</small> Denver STATE CO ZIP 80265 | PHONE NUMBER: (303) 308-3068 | 10. FIELD AND POOL, OR WILDCAT: |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: attached | | COUNTY: Uintah |
| QTR/GTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: | | STATE: UTAH |

| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | | | |
|---|---|---|--|
| TYPE OF SUBMISSION | TYPE OF ACTION | | |
| <input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>1/1/2007</u> | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
| | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> SIDETRACK TO REPAIR WELL |
| <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: | <input type="checkbox"/> CASING REPAIR | <input type="checkbox"/> NEW CONSTRUCTION | <input type="checkbox"/> TEMPORARILY ABANDON |
| | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> TUBING REPAIR |
| | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> VENT OR FLARE |
| | <input type="checkbox"/> CHANGE WELL NAME | <input type="checkbox"/> PLUG BACK | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> PRODUCTION (START/RESUME) | <input type="checkbox"/> WATER SHUT-OFF |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input checked="" type="checkbox"/> OTHER: <u>Operator Name Change</u> |
| | <input type="checkbox"/> CONVERT WELL TYPE | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective January 1, 2007 operator of record, QEP Uinta Basin, Inc., will hereafter be known as QUESTAR EXPLORATION AND PRODUCTION COMPANY. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:
 Federal Bond Number: 965002976 (BLM Reference No. ESB000024)
 Utah State Bond Number: 965003033
 Fee Land Bond Number: 965003033
 Current operator of record, QEP UINTA BASIN, INC., hereby resigns as operator of the properties as described on the attached list.


 Jay B. Neese, Executive Vice President, QEP Uinta Basin, Inc.
 Successor operator of record, QUESTAR EXPLORATION AND PRODUCTION COMPANY, hereby assumes all rights, duties and obligations as operator of the properties as described on the attached list

 Jay B. Neese, Executive Vice President
 Questar Exploration and Production Company

| | |
|---|---|
| NAME (PLEASE PRINT) <u>Debra K. Stanberry</u> | TITLE <u>Supervisor, Regulatory Affairs</u> |
| SIGNATURE  | DATE <u>3/16/2007</u> |

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STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

| | | |
|---|--|--|
| 1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____ | | 5. LEASE DESIGNATION AND SERIAL NUMBER: see attached |
| 2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached |
| 3. ADDRESS OF OPERATOR: 1050 17th Street Suite 500 City Denver STATE CO ZIP 80265 | | 7. UNIT or CA AGREEMENT NAME: see attached |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: attached | | 8. WELL NAME and NUMBER: see attached |
| QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: | | 9. API NUMBER: attached |
| COUNTY: Uintah | | 10. FIELD AND POOL, OR WILDCAT: |
| STATE: UTAH | | |

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|--|--|---|---|
| <input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>1/1/2007</u> | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
| | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> SIDETRACK TO REPAIR WELL |
| | <input type="checkbox"/> CASING REPAIR | <input type="checkbox"/> NEW CONSTRUCTION | <input type="checkbox"/> TEMPORARILY ABANDON |
| | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> TUBING REPAIR |
| | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> VENT OR FLARE |
| | <input type="checkbox"/> CHANGE WELL NAME | <input type="checkbox"/> PLUG BACK | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> PRODUCTION (START/RESUME) | <input type="checkbox"/> WATER SHUT-OFF |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input checked="" type="checkbox"/> OTHER: <u>Well Name Changes</u> |
| | <input type="checkbox"/> CONVERT WELL TYPE | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | |
| | <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____ | | |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

PER THE ATTACHED LIST OF WELLS, QUESTAR EXPLORATION AND PRODUCTION COMPANY REQUESTS THAT THE INDIVIDUAL WELL NAMES BE UPDATED IN YOUR RECORDS.

| | |
|---|---|
| NAME (PLEASE PRINT) <u>Debra K. Stanberry</u> | TITLE <u>Supervisor, Regulatory Affairs</u> |
| SIGNATURE | DATE <u>4/17/2007</u> |

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APR 19 2007
DIV. OF OIL, GAS & MINING



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155



IN REPLY REFER TO
3180
UT-922

April 23, 2007

Questar Exploration and Production Company
1050 17th Street, Suite 500
Denver, Colorado 80265

Re: Red Wash Unit
Uintah County, Utah

Gentlemen:

On April 12, 2007, we received an indenture dated April 6, 2007, whereby QEP Uinta Basin, Inc. resigned as Unit Operator and Questar Exploration and Production Company was designated as Successor Unit Operator for the Red Wash Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective April 23, 2007. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Red Wash Unit Agreement.

Your nationwide oil and gas bond No. ESB000024 will be used to cover all federal operations within the Red Wash Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Greg J. Noble

Greg J. Noble
Acting Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)
SITLA
Division of Oil, Gas & Mining
File - Red Wash Unit (w/enclosure)
Agr. Sec. Chron
Reading File
Central Files

UT922:TAThompson:tt:4/23/07

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APR 30 2007
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT--" for such proposals

5. Lease Designation and Serial No.
UTU 0166

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA, Agreement Designation
Redwash Unit

8. Well Name and No.
RWU 14-18B

9. API Well No.
43-047-15178

10. Field and Pool, or Exploratory Area
Redwash

11. County or Parish, State
UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well
Oil Gas
 Well Well Other

2. Name of Operator
QEP UINTA BASIN, INC.

3. Address and Telephone No. **Contact: Lucius McGillivray (435) 781-4341**
11002 E. 17500 S. VERNAL, UT 84078-8526 **lucius.mcgillivray@questar.com**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
660' FSL, 592' FWL, SWSW, SECTION 18, T7S, R23E, SLBM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION |
|--|--|
| <input checked="" type="checkbox"/> Notice of Intent | <input checked="" type="checkbox"/> Abandonment |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Plugging Back |
| | <input type="checkbox"/> Casing Repair |
| | <input type="checkbox"/> Altering Casing |
| | <input type="checkbox"/> Other _____ |
| | <input type="checkbox"/> Change of Plans |
| | <input type="checkbox"/> New Construction |
| | <input type="checkbox"/> Non-Routine Fracturing |
| | <input type="checkbox"/> Water Shut-Off |
| | <input type="checkbox"/> Conversion to Injection |
| | <input type="checkbox"/> Dispose Water |

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

Questar requests approval to plug and abandon this well as follows:

1. Set cement retainer at 5080'
2. Stab into retainer and squeeze 35 sx cement, unstab and dump 35 sx of cement on top of retainer
3. Fill hole with minimum 9 ppg fluid.
4. Perforate the production casing @ 3194'
5. Balance plug from 3194' - 2984' inside production casing and in production casing x open hole annulus.
6. Perforate production casing @ 450', cement from 450' to surface in production casing and in production casing x surface casing annulus.
7. Cut off wellhead, install dryhole marker

Work will start after Questar receives BLM and UDOGM approval

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AUG 13 2007

14. I hereby certify that the foregoing is true and correct.
Signed Lucius McGillivray Title Associate Production Engineer Date 8-7-07

(This space for Federal or State office use)
Approved by: _____ Title Accepted by the Utah Division of Oil, Gas and Mining Federal Approval Of This Action Is Necessary
Conditions of approval, if any _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator **Questar Exploration and Production Inc.**

3a. Address
11002 E. 17500 S. VERNAL, UT 84078-8526

3b. Phone No. (include area code)
435-781-4319

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
660' FSL, 592' FWL, SWSW, SECTION 18, T7S, R23E, SLBM

5. Lease Serial No.
UTU 0116

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA/Agreement, Name and/or No.
Redwash

8. Well Name and No.
RW 14-18B

9. API Well No.
43-047-15178

10. Field and Pool, or Exploratory Area
Redwash

11. County or Parish, State
Utah

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | | |
|--|---|---|--|---|--|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off | |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity | |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input checked="" type="checkbox"/> Recomplete | <input type="checkbox"/> Other | |
| | <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | | |
| | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | | |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Questar requests approval to recompleate this well as follows:

MIRU. ND WH and NU BOP
 RU wireline and run CBL.
 Depending on CBL results,
 if no cement above 2800'
 RU wireline and perforate @ >3206' to squeeze cement
 squeeze 100 sacks through perfs between casing and hole
 WOC, run CBL
 RU wireline and perforate 3100'-06' with 4 JSPF with 90° phasing
 Acidize with 500 gal. of 15% HCL w/ additives
 Swab test
 The well will be placed on production or plugged and abandoned based on the swab test results.

Work will start after Questar receives BLM and UDOGM approval



COPY SENT TO OPERATOR

Date: 1-24-2008

Initials: KS

14. I hereby certify that the foregoing is true and correct
 Name (Printed/Typed)

Lucius McGillivray lucius.mcgillivray@questar.com

Title **Associate Petroleum Engineer**

Signature

Lucius McGillivray

Date

1-8-08

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Utah Division of Oil, Gas and Mining

Office

122108

Federal Approval of This Action is Necessary

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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(Instructions on page 2)

JAN 18 2008

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator **Questar Exploration and Production Inc.**

3a. Address **11002 E. 17500 S. VERNAL, UT 84078-8526**

3b. Phone No. (include area code) **435-781-4319**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SWSW, SECTION 18, T7S, R23E, SLBM

5. Lease Serial No.
UTU 0116

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA/Agreement, Name and/or No.
Redwash

8. Well Name and No.
RW 14-18B

9. API Well No.
43-047-15178

10. Field and Pool, or Exploratory Area
Redwash

11. County or Parish, State
Uintah

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|---|---|--|--|---|
| <input type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input type="checkbox"/> Other _____ |
| | <input type="checkbox"/> Change Plans | <input checked="" type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Questar Exploration and Production reports the following work to plug and abandon was finished on March 2, 2009 as follows:

1. Set CICR @ 5060'
2. Pump 70 sacks under and 35 sacks on top
3. Perforate @ 3195', good rate into perfs
4. Perforate @ 475'
5. Set CICR @ 3120', pump 50 sacks under and 20 on top
6. Pump 170 sacks down production casing through annulus to surface
7. Cut off wellhead
8. Weld on plate

BLM on location was Bill Owens.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed) **Lucius McGillivray lucius.mcgillivray@questar.com** Title **Associate Petroleum Engineer**

Signature *Lucius McGillivray* Date **3-3-09**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Title _____ Date _____


Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

RECEIVED
MAR 10 2009
DIV. OF OIL, GAS & MINING

| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING | | | | | FORM 3 AMENDED REPORT <input type="checkbox"/> | | | |
|--|--|-----------------|--|--|---|-------------------------------------|--------------|-----------------|
| APPLICATION FOR PERMIT TO DRILL | | | | | 1. WELL NAME and NUMBER RW 14-18B | | | |
| 2. TYPE OF WORK DRILL NEW WELL <input type="radio"/> REENTER P&A WELL <input checked="" type="radio"/> DEEPEN WELL <input type="radio"/> | | | | | 3. FIELD OR WILDCAT RED WASH | | | |
| 4. TYPE OF WELL Gas Well Coalbed Methane Well: NO | | | | | 5. UNIT or COMMUNITIZATION AGREEMENT NAME RED WASH | | | |
| 6. NAME OF OPERATOR QEP ENERGY COMPANY | | | | | 7. OPERATOR PHONE 303 308-3068 | | | |
| 8. ADDRESS OF OPERATOR 11002 East 17500 South, Vernal, Ut, 84078 | | | | | 9. OPERATOR E-MAIL debbie.stanberry@questar.com | | | |
| 10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU0116 | | | 11. MINERAL OWNERSHIP FEDERAL <input checked="" type="radio"/> INDIAN <input type="radio"/> STATE <input type="radio"/> FEE <input type="radio"/> | | 12. SURFACE OWNERSHIP FEDERAL <input checked="" type="radio"/> INDIAN <input type="radio"/> STATE <input type="radio"/> FEE <input type="radio"/> | | | |
| 13. NAME OF SURFACE OWNER (if box 12 = 'fee') | | | | | 14. SURFACE OWNER PHONE (if box 12 = 'fee') | | | |
| 15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') | | | | | 16. SURFACE OWNER E-MAIL (if box 12 = 'fee') | | | |
| 17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN') | | | 18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="radio"/> (Submit Commingling Application) NO <input checked="" type="radio"/> | | 19. SLANT VERTICAL <input checked="" type="radio"/> DIRECTIONAL <input type="radio"/> HORIZONTAL <input type="radio"/> | | | |
| 20. LOCATION OF WELL | | FOOTAGES | | QTR-QTR | SECTION | TOWNSHIP | RANGE | MERIDIAN |
| LOCATION AT SURFACE | | 659 FSL 592 FWL | | SWSW | 18 | 7.0 S | 23.0 E | S |
| Top of Uppermost Producing Zone | | 659 FSL 592 FWL | | SWSW | 18 | 7.0 S | 23.0 E | S |
| At Total Depth | | 659 FSL 592 FWL | | SWSW | 18 | 7.0 S | 23.0 E | S |
| 21. COUNTY UINTAH | | | 22. DISTANCE TO NEAREST LEASE LINE (Feet) 592 | | 23. NUMBER OF ACRES IN DRILLING UNIT 40 | | | |
| | | | 25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1250 | | 26. PROPOSED DEPTH MD: 11652 TVD: 11652 | | | |
| 27. ELEVATION - GROUND LEVEL 5465 | | | 28. BOND NUMBER ESB000024 | | 29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE A36125 / 49-2153 | | | |
| ATTACHMENTS | | | | | | | | |
| VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES | | | | | | | | |
| <input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER | | | | <input checked="" type="checkbox"/> COMPLETE DRILLING PLAN | | | | |
| <input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE) | | | | <input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER | | | | |
| <input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED) | | | | <input checked="" type="checkbox"/> TOPOGRAPHICAL MAP | | | | |
| NAME Jan Nelson | | | TITLE Permit Agent | | | PHONE 435 781-4331 | | |
| SIGNATURE | | | DATE 11/09/2010 | | | EMAIL jan.nelson@questar.com | | |
| API NUMBER ASSIGNED 43047151780000 | | | APPROVAL  Permit Manager | | | | | |

| Proposed Hole, Casing, and Cement | | | | | | |
|-----------------------------------|-----------------|-------------|----------|-------------|--|--|
| String | Hole Size | Casing Size | Top (MD) | Bottom (MD) | | |
| Surf | 15 | 10.75 | 0 | 425 | | |
| Pipe | Grade | Length | Weight | | | |
| | Grade J-55 ST&C | 425 | 40.5 | | | |
| | | | | | | |

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| Proposed Hole, Casing, and Cement | | | | | | |
|-----------------------------------|-----------------|-------------|----------|-------------|--|--|
| String | Hole Size | Casing Size | Top (MD) | Bottom (MD) | | |
| I1 | 9 | 7 | 0 | 5800 | | |
| Pipe | Grade | Length | Weight | | | |
| | Grade J-55 LT&C | 5800 | 23.0 | | | |
| | | | | | | |

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| Proposed Hole, Casing, and Cement | | | | | | |
|-----------------------------------|-----------------|-------------|----------|-------------|--|--|
| String | Hole Size | Casing Size | Top (MD) | Bottom (MD) | | |
| Prod | 6.125 | 4.5 | 0 | 11652 | | |
| Pipe | Grade | Length | Weight | | | |
| | Grade N-80 LT&C | 11652 | 13.5 | | | |
| | | | | | | |

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QEP Energy Company
RW 14-18B Drilling Prog
API#: 43-047-15178
Summarized Re-Entry Procedure

1. Excavate around Dry-Hole Marker, expose P&A well.
2. Slip-on and weld 9-5/8" conductor back to surface.
3. MIRU Pulling unit.
4. Wash over and remove 7" casing to approximately 450'.
5. RIH and screw on new 7" casing back to surface.
6. Install wellhead and pressure test to 3,000 psi.
7. Fill backside of 7" casing with cement back to surface.
8. NU BOP. RIH, drill out P&A plugs to original PBTD.
9. Pressure test previously squeezed perfs. Remediate if necessary.
10. RDMO with pulling unit.
11. MIRU drilling rig.
12. NU and test BOPE.
13. Drill out shoe and down to 11,652' TVD with a 6 1/8" bit.
14. If hole conditions permit, Log.
15. Run and cement 4 1/2" casing.
16. ND BOPE.
17. RDMOL.

ONSHORE OIL & GAS ORDER NO. 1
QEP ENERGY COMPANY
RW 14-18B (API#: 43-047-15178)

RE-ENTRY DRILLING PROGRAM

ONSHORE OIL & GAS ORDER NO. 1
Approval of Operations on Onshore
Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil & Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. **Formation Tops**

The estimated top of important geologic markers are as follows:

| <u>Formation</u> | <u>Depth, TVD & MD</u> |
|------------------|----------------------------|
| Green River | 3,177' |
| Mahogany | 3,944' |
| Original TD | 6,359' |
| Wasatch | 6,602' |
| Mesaverde | 9,362' |
| Sego | 11,552' |
| TD | 11,652' |

2. **Anticipated Depths of Oil, Gas, Water, and Other Mineral Bearing Zones**

The estimated depths at which the top of the anticipated water, oil, gas, or other mineral bearing formations are expected to be encountered as follows:

| <u>Substance</u> | <u>Formation</u> | <u>Depth, TVD & MD</u> |
|------------------|------------------|----------------------------|
| Gas | Wasatch | 6,602' |
| Gas | Mesaverde | 9,362' |
| Gas | Sego | 11,552' |

All fresh water and prospectively valuable minerals encountered during drilling will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Wonsits Valley water right A36125

ONSHORE OIL & GAS ORDER NO. 1
 QEP ENERGY COMPANY
 RW 14-18B (API#: 43-047-15178)

(which was filed on May 7, 1964) or Red Wash water right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before 1989 is not depleting to the Upper Colorado River System, to supply fresh water for drilling purposes. All water resulting from drilling operations will be disposed of at Red Wash Central Battery Disposal site; SWSE, Section 27, T7S, R23E or Wonsits Valley Disposal Site; SWNW, Section 12, T8S, R21E.

3. Operator's Specification for Pressure Control Equipment

- A. 7 1/16" or 11" as available 5000 psi double ram with blind rams and pipe rams, annular preventer and drilling spool or BOP with 2 side outlets.
- B. All BOP connection subject to pressure shall be flanged, welded or clamped.
- C. Kill line (2" min), 2 choke line valves (3" min), choke line (3" min), 2 kill line valves (2" min) and a check valve, 2 chokes with one remotely controlled from rig floor and a pressure gauge on choke manifold.
- D. Upper and Lower Kelly cock valves with handles and safety valve and subs to fit all drill string connections.
- E. IBOP or float sub available.
- F. Fill up line must be installed above the uppermost preventer.
- G. Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 50 percent of internal yield pressure of casing whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 5M system and individual components shall be operable as designed.

4. Casing Design:

| Hole Size | Csg. Size | Top (MD) | Bottom (MD) | Wt. | Grade | Thread | Cond. | Expected MW(ppg) |
|-----------|-----------|----------|-------------|-------|-------|--------|----------|------------------|
| 15" | 10 3/4" | sfc | 425' | 40.5# | J-55 | STC | Existing | N/A |
| 9" | 7" | sfc | 5,800' | 23# | J-55 | LTC | Existing | N/A |
| 6 1/8" | 4 1/2" | sfc | 11,652' | 13.5# | N-80 | LTC | New | 8.8 – 9.6 |

ONSHORE OIL & GAS ORDER NO. 1
 QEP ENERGY COMPANY
 RW 14-18B (API#: 43-047-15178)

| Casing Strengths: | | | | Collapse | Burst | Tensile (min) |
|-------------------|-------|------|-----|-----------|-----------|---------------|
| 10 3/4" | 40.5# | J-55 | STC | 1,580 psi | 3,130 psi | 420,000 lb. |
| 7" | 23# | J-55 | LTC | 3,270 psi | 4,360 psi | 313,000 lb. |
| 4 1/2" | 13.5# | N-80 | LTC | 8,540 psi | 9,020 psi | 270,000 lb. |

Casing Design Factors

Burst: 1.4
 Collapse: 1.3
 Tension: 1.4

Maximum anticipated mud weight: 11 ppg (RW 34-34AD)
 Anticipated Frac Pressure: 4,500 psi

5. Cementing Program

4-1/2" Production Casing: sfc – 11,652'

Lead Slurry: 3,000 – 5,800'. 130 sks (310 ft³) Halliburton Light Premium, 0.2% WG-17 (Gelling Agent), 0.2% CFR-3 (Dispersant), 0.2% HR-5 (Retarder) Slurry Weight 11.5 lb/gal, 2.57 ft³/sk, 0% excess

Tail Slurry: 5,800' – 11,652'. 410 sks (690 ft³) 50/50 Poz Premium Cement, 3 lb/sk Silicalite (Light Weight Additive), 0.2% Super CBL (Expander), 0.3% HR-5 (Retarder), 0.5% Halad-344 (Fluid Loss Control), 20% SSA-1 (Fluid Loss Control), 0.3% CFR-3 (Dispersant), Slurry Weight 13.5 lb/gal, 1.70 ft³/sk, 25% excess over open hole portion

*Final cement volumes to be calculated from caliper log and will attempt to pump cement to 3,000'.

6. Auxiliary Equipment

- A. Kelly Cock – yes
- B. Float at the bit – yes
- C. Monitoring equipment on the mud system – PVT/Flow Show
- D. Full opening safety valve on the rig floor – yes
- E. Drilling below the 7" casing will be done with water based mud. Maximum anticipated mud weight is 11 ppg.

ONSHORE OIL & GAS ORDER NO. 1
QEP ENERGY COMPANY
RW 14-18B (API#: 43-047-15178)

- F. No minimum quantity of weight material will be required to be kept on location.
- G. Gas detector will be used from intermediate casing depth to TD.

7. **Testing, logging and coring program**

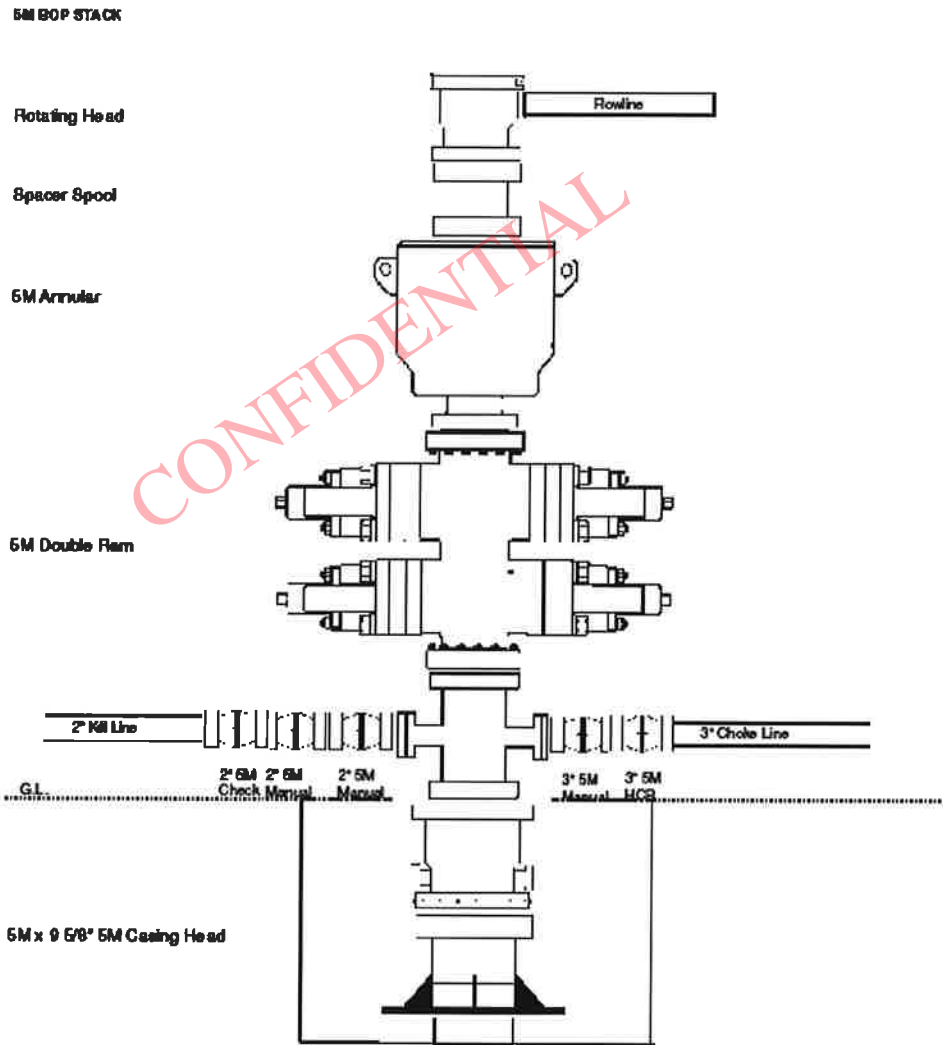
- A. Cores – none.
- B. DST – none anticipated
- C. Logging – Mud logging – Surface Casing to TD
GR-SP-Induction, Neutron Density.
- D. Formation and Completion Interval:
– Stimulation will be designed for the particular area of interest as encountered.

8. **Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards**

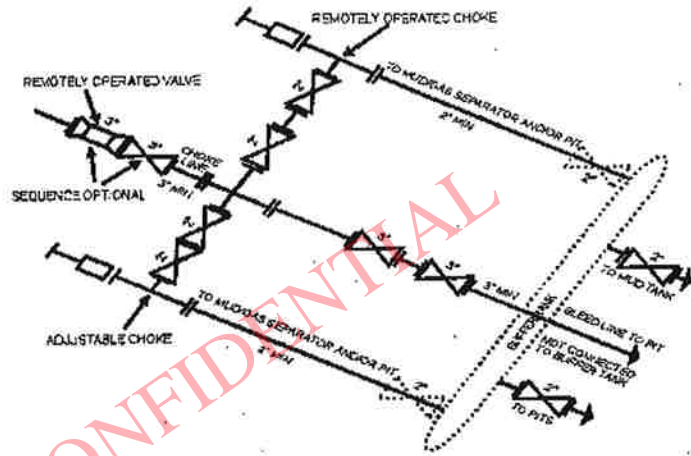
No abnormal temperatures or pressures are anticipated. Maximum anticipated bottom hole pressure equals approximately 6,664 psi. Maximum anticipated bottom hole temperature is 210° F.

H2S has not been encountered in other wells drilled to similar depths in the general area.

ONSHORE OIL & GAS ORDER NO. 1
QEP ENERGY COMPANY
RW 14-18B (API#: 43-047-15178)



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QEP ENERGY COMPANY
RW 14-18B (API#: 43-047-15178)

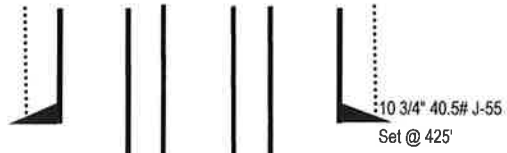


5M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY

Although not required for any of the choke manifold systems, buffer tanks are sometimes installed downstream of the choke assemblies for the purpose of uncoupling the bleed lines together. When buffer tanks are employed, valves must be installed upstream to isolate a failure or malfunction without interrupting flow control. Though not shown on 25L, 36L, 10M, GR, 15M drawings, it would also be applicable to these situations.

[56 PR 3932a, Sept. 27, 1989]

RW 14-18B
API# 43-047-15178
SWSW Sec 18 T7S R23E
Uintah County, Utah
KB
GL 5,465'
Currently P&A'd



Perfs: (All Squeezed)

5104'-5130'

5134'-5148'

5660'-5688'

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4 1/2" 13.5# N-80

11,652' TD

7" 23# J-55 at 5,800'

Original TD at 6,230'

6 1/8" OH

T7S, R23E, S.L.B.&M.

R
22
E

R
23
E

S89°57'W - 5138.10' (G.L.O.)

1937 Brass Cap
0.8' High, Pile
of Stones

Lot 1

Lot 2

Lot 3

Lot 4

RW #14-18B (Re-Entry)

Elev. Ungraded Ground = 5465'

Brass Cap S89°53'41"W - 2504.75' (Meas.)

S89°53'04"W - 2639.79' (Meas.)

1937 Brass Cap 1.0'
High, Scattered Pile
of Stones

N00°00'E - 2640.00' (G.L.O.)

N00°03'31"W - 2639.62' (Meas.)

N00°08'38"W - 2640.00' (Meas.)

N00°09'09"W - 2639.32' (Meas.)

QEP ENERGY COMPANY

Well location, RW #14-18B (Re-Entry), located as shown in Lot 4 of Section 18, T7S, R23E, S.L.B.&M., Uintah County, Utah.

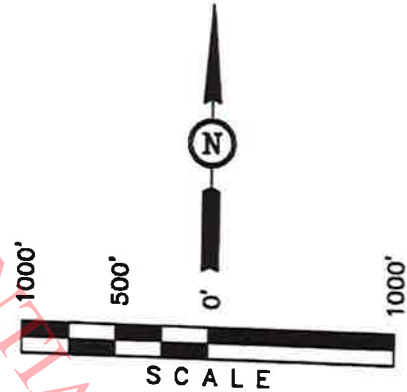
BASIS OF ELEVATION

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

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CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Robert J. [Signature]
REGISTERED LAND SURVEYOR
REGISTRATION NO. 181318
STATE OF UTAH

LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

(NAD 83)
LATITUDE = 40°12'14.67" (40.204075)
LONGITUDE = 109°22'36.33" (109.376758)
(NAD 27)
LATITUDE = 40°12'14.80" (40.204111)
LONGITUDE = 109°22'33.87" (109.376075)

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85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

| | | |
|-------------------------|----------------------------|-------------------------|
| SCALE 1" = 1000' | DATE SURVEYED: 09-13-10 | DATE DRAWN: 09-15-10 |
| PARTY D.K. J.M. C.C. | REFERENCES G.L.O. PLAT | |
| WEATHER WARM | FILE QEP ENERGY COMPANY | |

QEP ENERGY COMPANY
RW #14-18B (RE-ENTRY)
LOCATED IN UTAH COUNTY, UTAH
SECTION 18, T7S, R23E, S.L.B.&M.

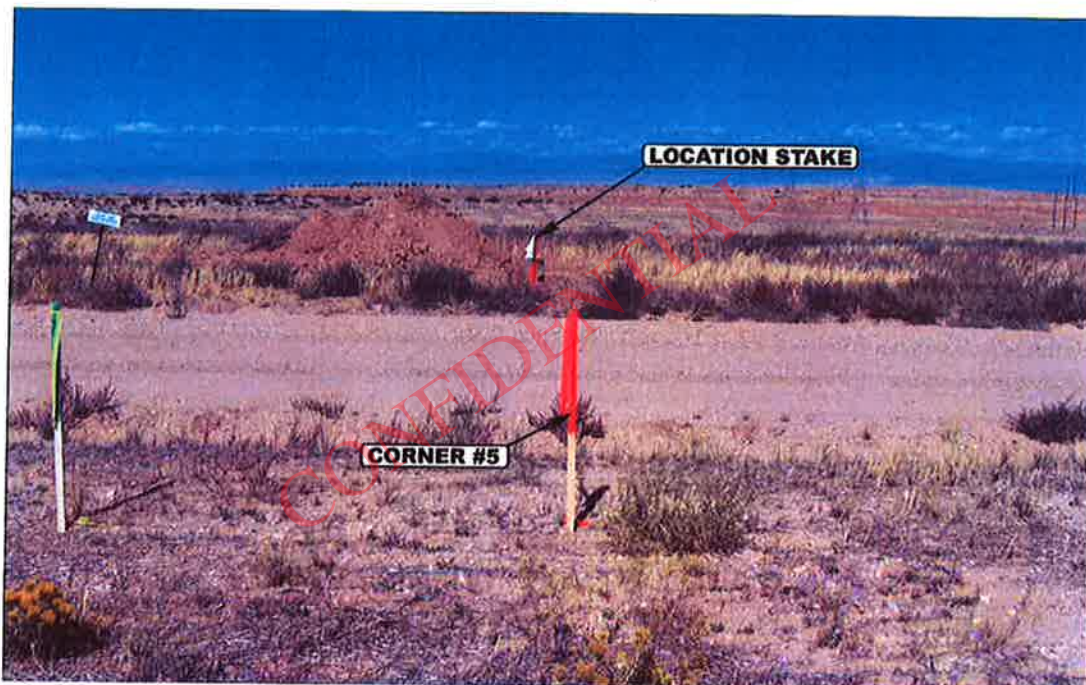


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHWESTERLY



- Since 1964 -



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

LOCATION PHOTOS

09 16 10
MONTH DAY YEAR

PHOTO

TAKEN BY: D.K.

DRAWN BY: J.J.

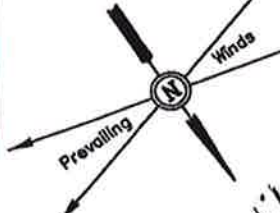
REVISED: 00-00-00

QEP ENERGY COMPANY

LOCATION LAYOUT FOR
RW #14-18B (RE-ENTRY)
SECTION 18, T7S, R23E, S.L.B.&M.

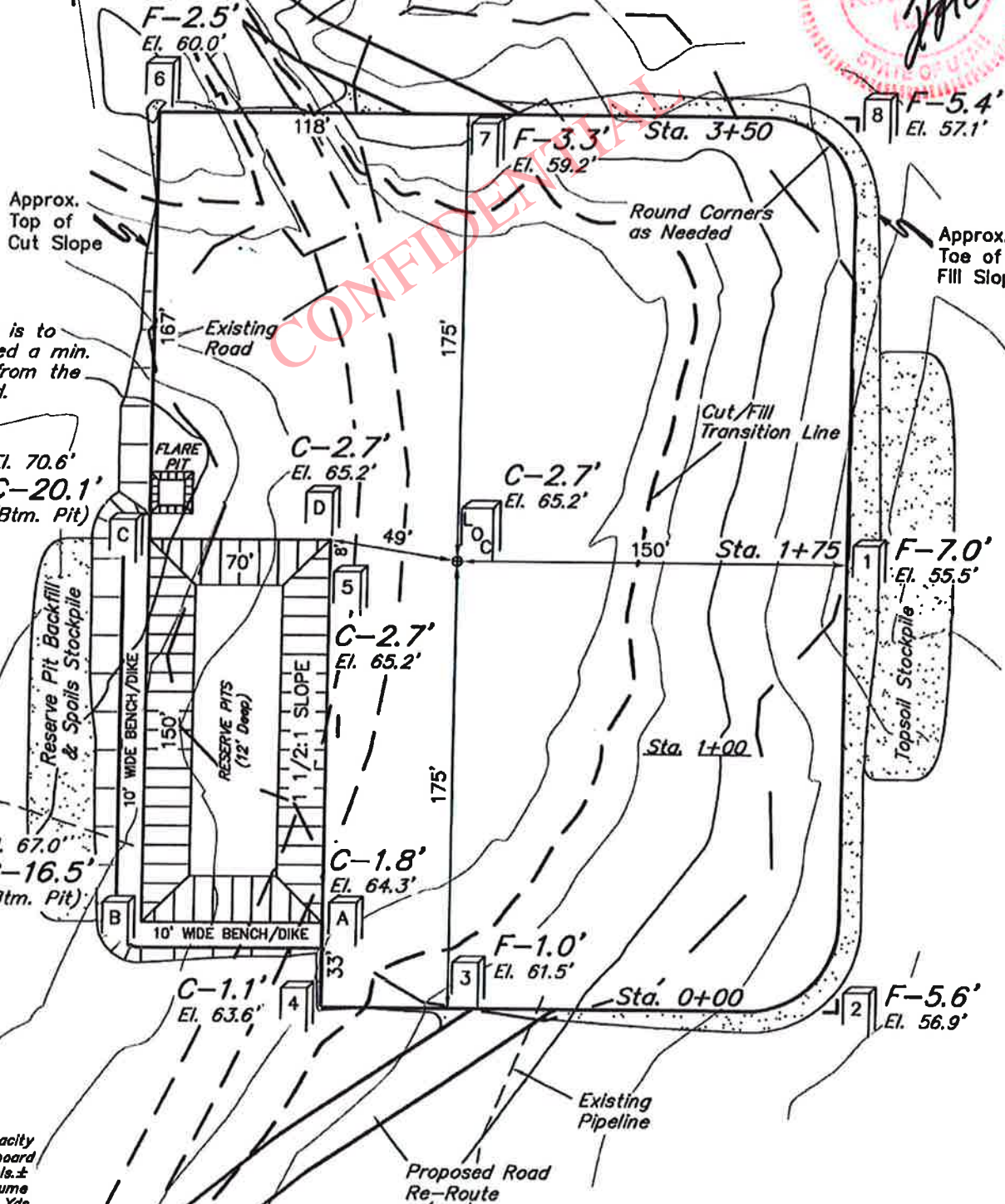
FIGURE #1

SCALE: 1" = 60'
DATE: 09-15-10
DRAWN BY: C.C.



659' FSL 592' FWL

Proposed Road Re-Route



NOTE:
Flare Pit is to be located a min. of 100' from the Well Head.

Total Pit Capacity
W/2' of Freeboard
= 11,390 Bbls.±
Total Pit Volume
= 3,100 Cu. Yds

Elev. Ungraded Ground At Loc. Stake = 5465.2'
FINISHED GRADE ELEV. AT LOC. STAKE = 5462.5'

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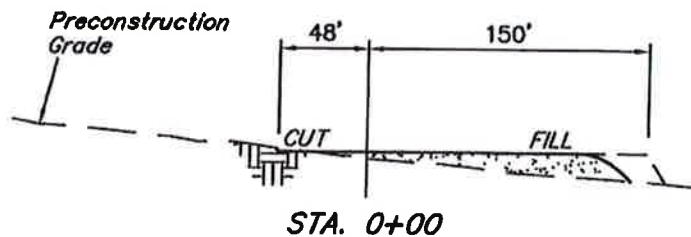
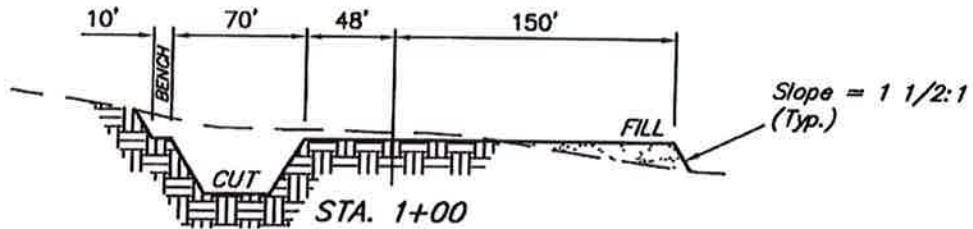
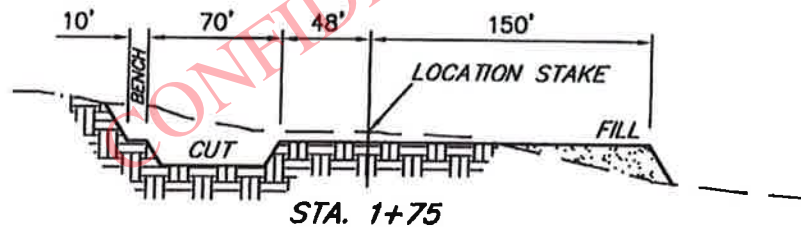
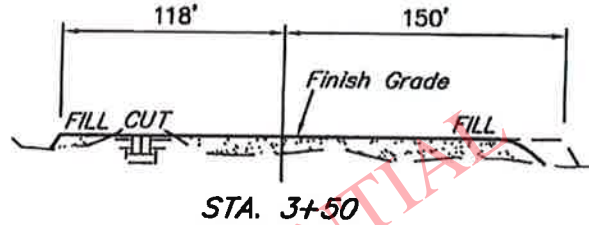
TYPICAL CROSS SECTION FOR

**RW #14-18B (RE-ENTRY)
SECTION 18, T7S, R23E, S.L.B.&M.
659' FSL 592' FWL**

FIGURE #2

SCALE: 1" = 60'
DATE: 09-15-10
DRAWN BY: C.C.

1" = 40'
X-Section Scale
1" = 100'
DATE: 09-15-10
DRAWN BY: C.C.



NOTE:

Topsoll should not be Stripped Below Finished Grade on Substructure Area.

APPROXIMATE ACREAGES

WELL SITE DISTURBANCE = ± 2.674 ACRES
ACCESS ROAD DISTURBANCE = ± 0.201 ACRES
PIPELINE DISTURBANCE = ± 3.517 ACRES
TOTAL = ± 6.392 ACRES

* NOTE:
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoll Stripping (New Construction Only) = 1,960 Cu. Yds.
Remaining Location = 7,220 Cu. Yds.
TOTAL CUT = 9,180 CU.YDS.
FILL = 5,670 CU.YDS.

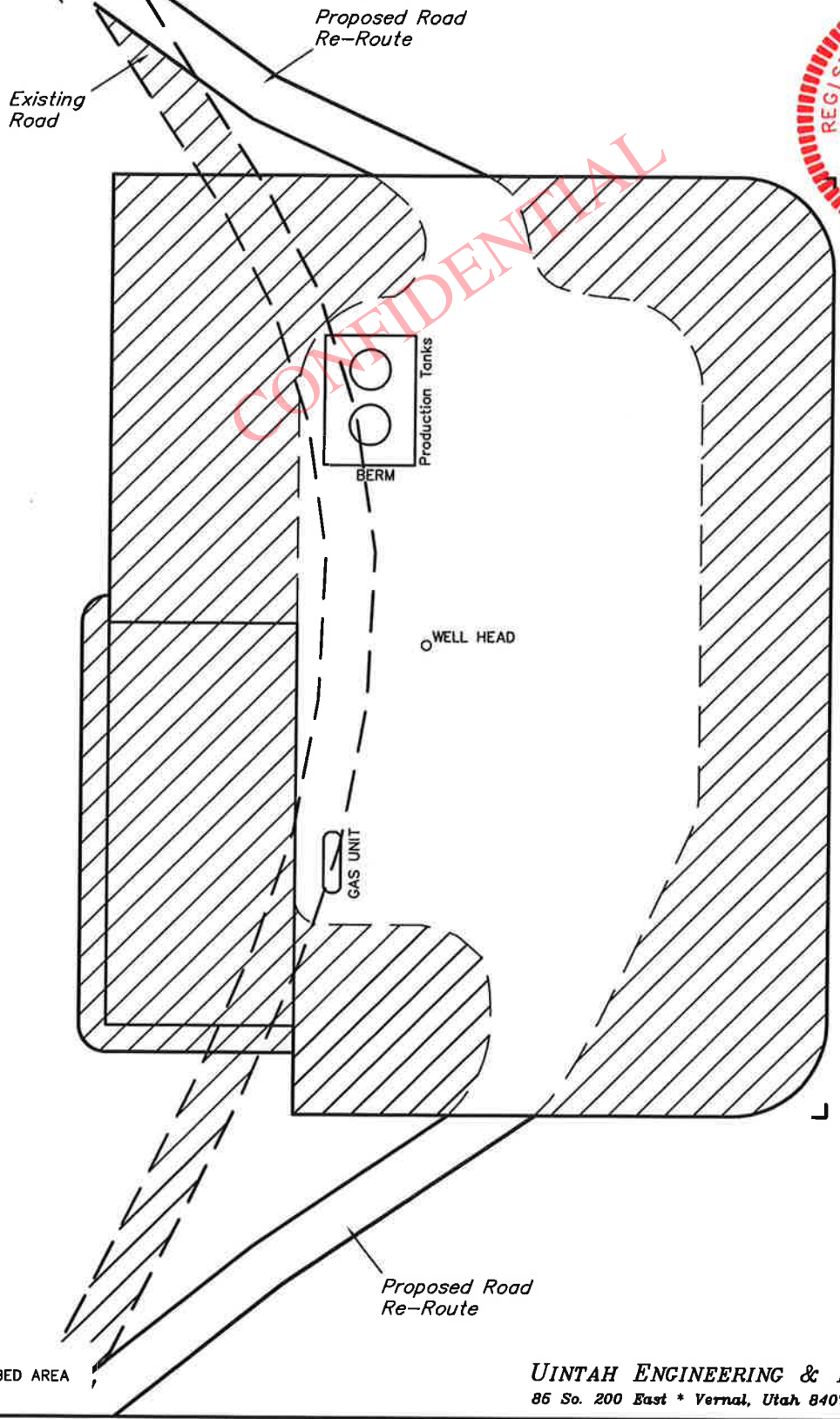
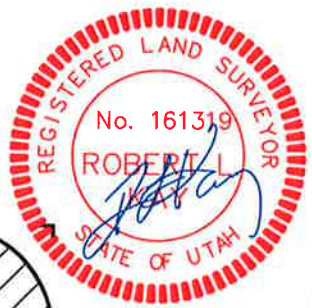
EXCESS MATERIAL = 3,510 Cu. Yds.
Topsoll & Pit Backfill (1/2 Pit Vol.) = 3,510 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation) = 0 Cu. Yds.

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QEP ENERGY COMPANY
PRODUCTION FACILITY LAYOUT FOR
RW #14-18B (RE-ENTRY)
SECTION 18, T7S, R23E, S.L.B.&M.
659' FSL 592' FWL

FIGURE #4

SCALE: 1" = 60'
DATE: 09-15-10
DRAWN BY: C.C.
REV: 10-27-10 Z.L.

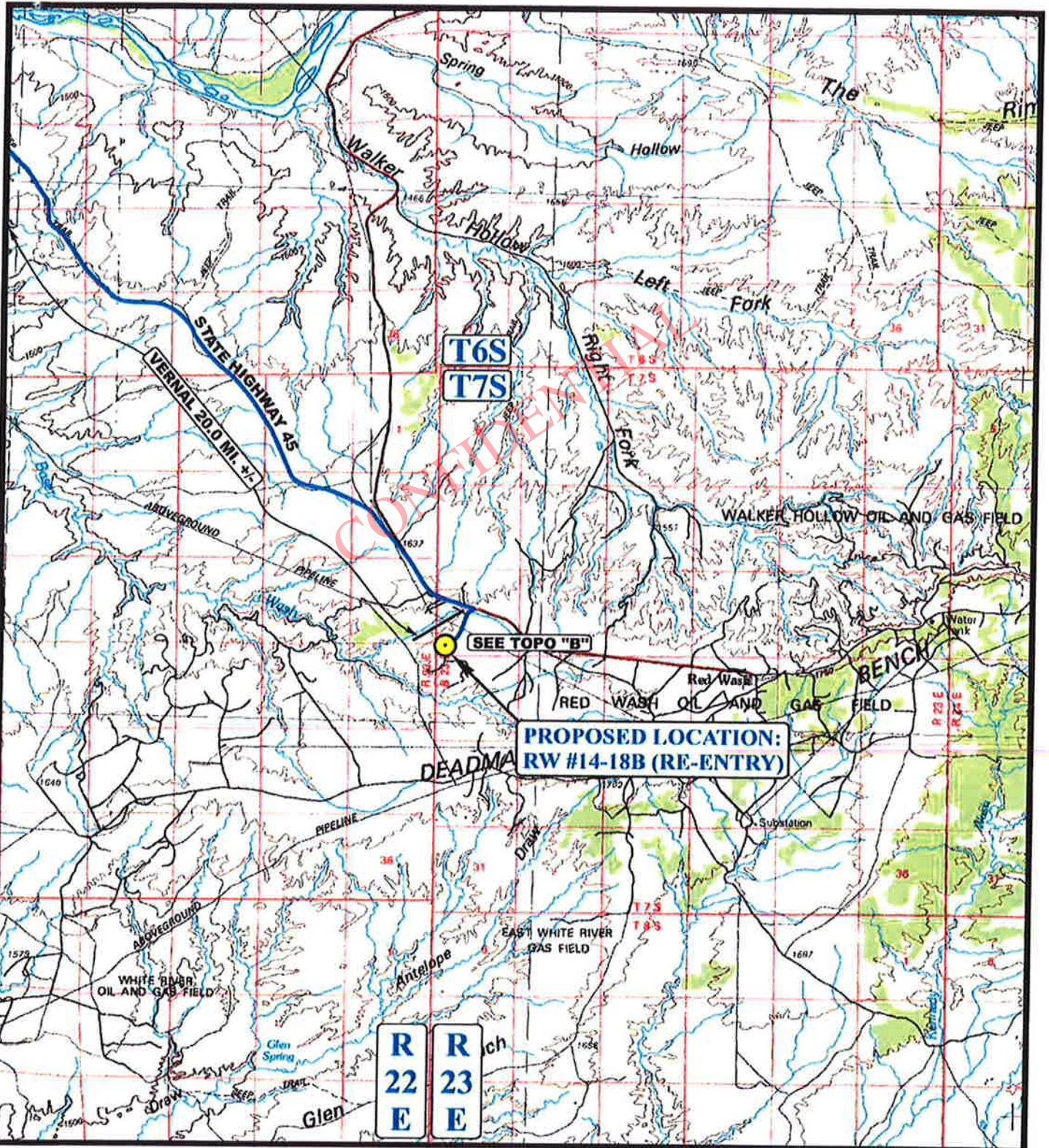


 RE-HABBED AREA

**QEP ENERGY COMPANY
RW #14-18B (RE-ENTRY)
SECTION 18, T7S, R23E, S.L.B.&M.**

PROCEED IN AN EASTERLY, THEN SOUTHERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 3.9 MILES TO THE JUNCTION OF STATE HIGHWAY 45; EXIT RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 16.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE WEST; FOLLOW ROAD FLAGS IN A WESTERLY DIRECTION APPROXIMATELY 182' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 20.5 MILES.



LEGEND:

● PROPOSED LOCATION



Utah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813



QEP ENERGY COMPANY

RW #14-18B (RE-ENTRY)
SECTION 18, T7S, R23E, S.L.B.&M.
659' FSL. 592' FWL

ACCESS ROAD MAP

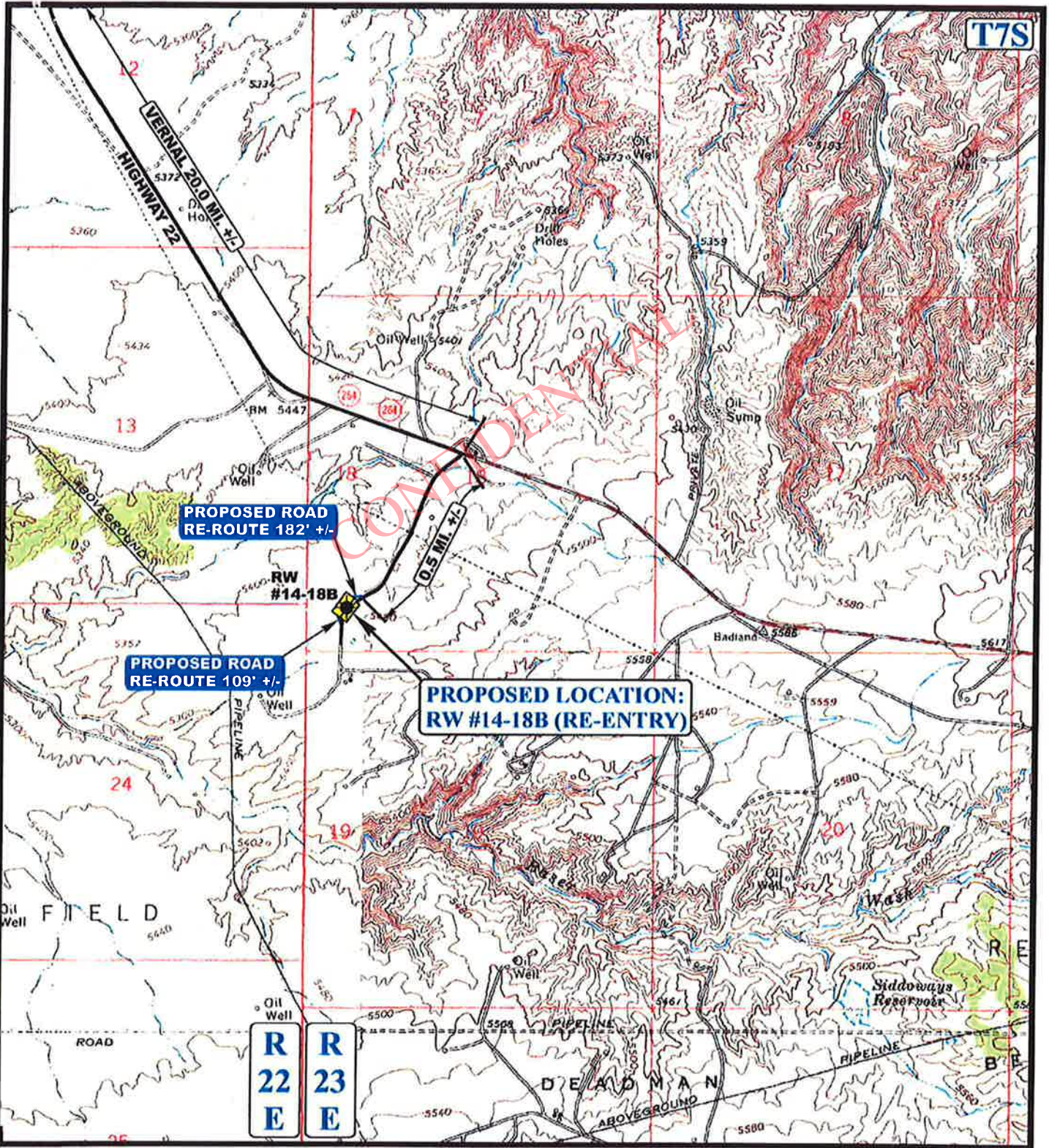
09 16 10
 MONTH DAY YEAR

SCALE: 1:100,000

DRAWN BY: J.J.

REVISED: 00-00-00





LEGEND:

-  EXISTING ROAD
-  PROPOSED ACCESS ROAD



QEP ENERGY COMPANY

RW #14-18B (RE-ENTRY)
SECTION 18, T7S, R23E, S.L.B.&M.
659' FSL 592' FWL



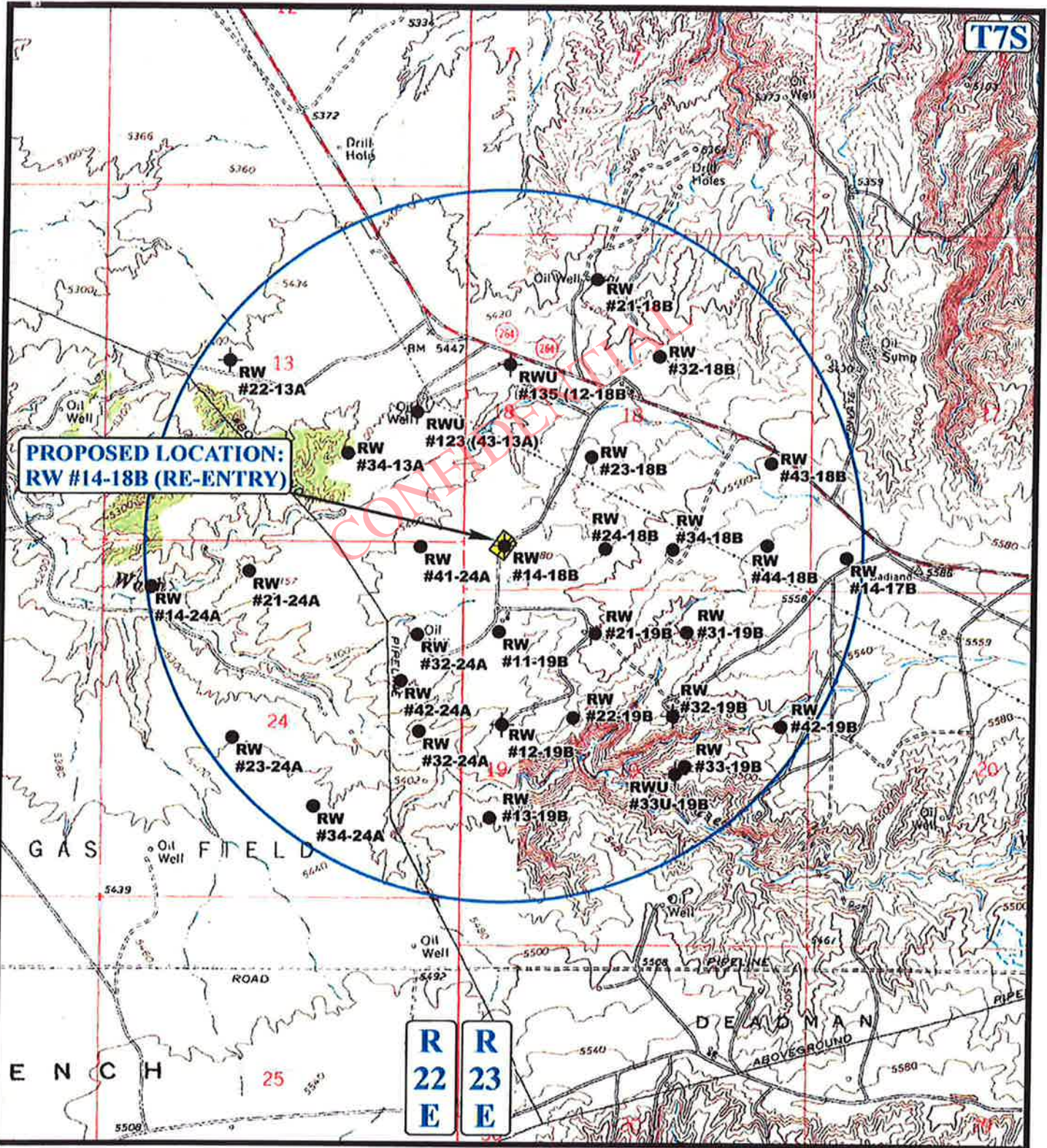
Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

ACCESS ROAD
MAP

09 16 10
 MONTH DAY YEAR



SCALE: 1" = 2000' DRAWN BY: J.J. REVISED: 00-00-00



**PROPOSED LOCATION:
RW #14-18B (RE-ENTRY)**

LEGEND:

- ⊗ DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- ⊗ WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

QEP ENERGY COMPANY

**RW #14-18B (RE-ENTRY)
SECTION 18, T7S, R23E, S.L.B.&M.
659' FSL 592' FWL**

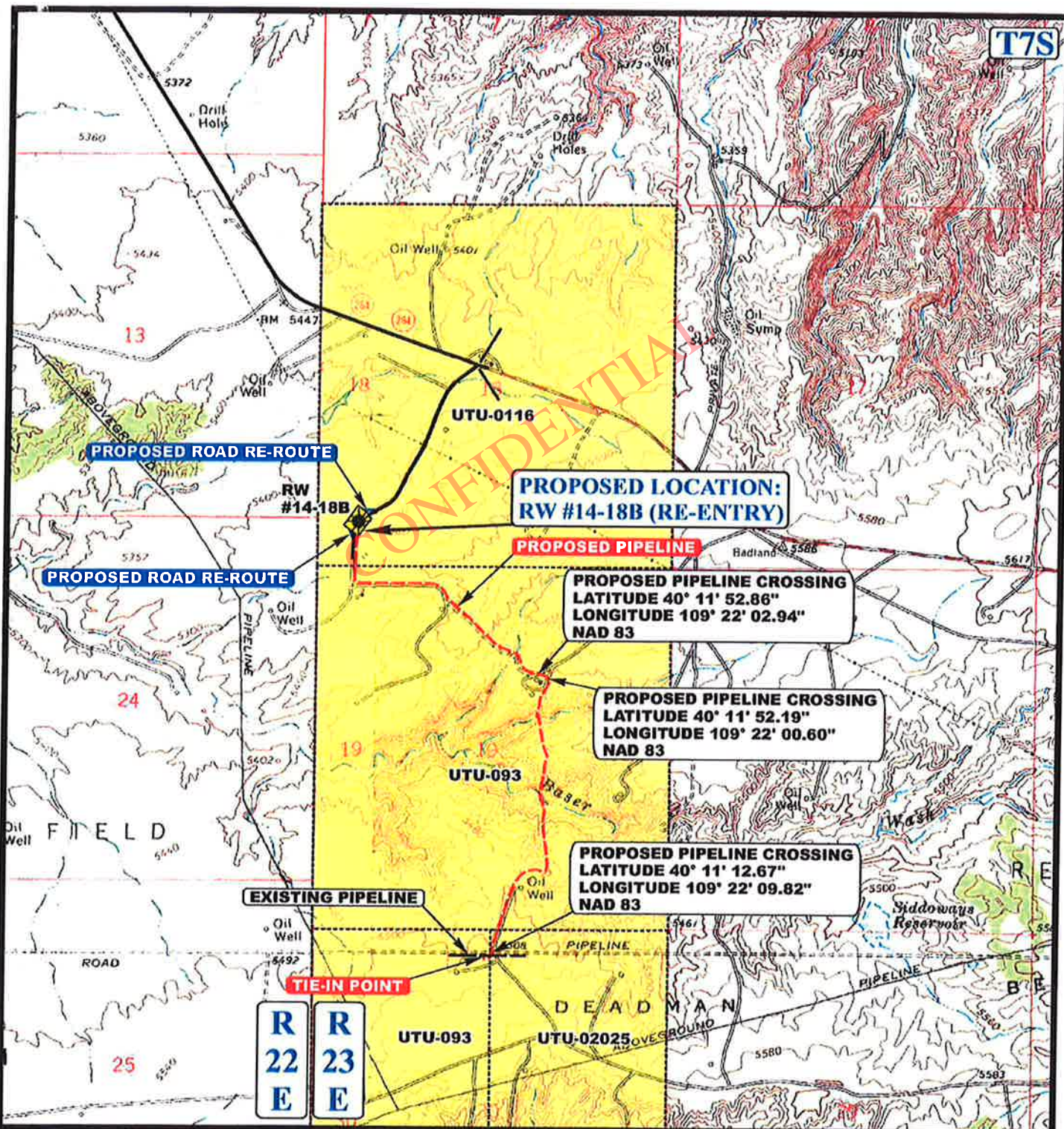


Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813



TOPOGRAPHIC MAP
09 MONTH 16 DAY 10 YEAR
SCALE: 1" = 2000' DRAWN BY: J.J. REVISED: 00-00-00





**PROPOSED LOCATION:
RW #14-18B (RE-ENTRY)**

**PROPOSED PIPELINE CROSSING
LATITUDE 40° 11' 52.86"
LONGITUDE 109° 22' 02.94"
NAD 83**

**PROPOSED PIPELINE CROSSING
LATITUDE 40° 11' 52.19"
LONGITUDE 109° 22' 00.60"
NAD 83**

**PROPOSED PIPELINE CROSSING
LATITUDE 40° 11' 12.67"
LONGITUDE 109° 22' 09.82"
NAD 83**

APPROXIMATE TOTAL PIPELINE DISTANCE = 8,736' +/-

LEGEND:
 PROPOSED ROAD RE-ROUTE
 EXISTING PIPELINE
 PROPOSED PIPELINE

QEP ENERGY COMPANY
 RW #14-18B (RE-ENTRY)
 SECTION 18, T7S, R23E, S.L.B.&M.
 659' FSL 592' FWL

UEIS Utah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813



TOPOGRAPHIC MAP 09 16 10
 MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: J.J. REVISED: 00-00-00
D
 TOPO

Additional Operator Remarks

QEP Energy Company proposes to re-enter the existing plugged and abandoned well bore for the RW 14-18B and drill to a depth of 11, 652' to test the Mesa Verde Formation. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements"

Please see Onshore Order No. 1.

Please refer to QEP Energy Company Greater Deadman Bench
EIS UT-080-2003-0369V Record of Decision dated March 31, 2008.

Please be advised that QEP Energy Company agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Bond No.ESB000024. The principal is QEP Energy company via surety as consent as provided for the 43 CFR 3104.2.

**QEP ENERGY COMPANY
RW 14-18B
659' FSL 592' FWL
LOT 4, SECTION 18, T7S, R23E
UINTAH COUNTY, UTAH
LEASE # UTU-0116**

**ONSHORE ORDER NO. 1
MULTI – POINT SURFACE USE & OPERATIONS PLAN**

An onsite inspection was conducted for the RW 14-18B on October 13, 2010. Weather conditions were sunny at the time of the onsite. In attendance at the inspection were the following individuals:

| | |
|---------------------|-------------------------------------|
| Aaron Roe | Bureau of Land Management |
| Kevin Sadlier | Bureau of Land Management |
| Jan Nelson | QEP Energy Company |
| Stephanie Tomkinson | QEP Energy Company |
| Guy Betts | QEP Energy Company |
| Bob Haygood | QEP Energy Company |
| Valyn Davis | QEP Energy Company |
| Wade Hafey | QEP Field Service |
| Andy Floyd | Uintah Engineering & Land Surveying |

1. Existing Roads:

The proposed well site is approximately 21 miles South of Vernal, Utah.

Refer to Topo Maps A and B for location of access roads within a 2 – mile radius.

All existing roads will be maintained and kept in good repair during all phases of operation.

2. Planned Access Roads:

Please refer to QEP Energy Company Greater Deadman Bench EIS UTU-080-200-0369V Record of Decision dated March 31, 2008.

Refer to Topo Map B for the location of the proposed access road.

No new access road is proposed. The access to be used is the access to the existing RW 14-18B location. Graveling or capping the roadbed will be performed as necessary to provide a well constructed safe road. Should conditions warrant, rock, gravel or culverts will be installed as needed.

3. Location of Existing Wells Within a 1 – Mile Radius:

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities:

Please refer to QEP Energy Company Greater Deadman Bench EIS UTU-080-200-0369V Record of Decision dated March 31, 2008.

The following guidelines will apply if the well is productive.

A containment dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks). These dikes will be constructed of compacted impervious subsoil; hold 110% of the capacity of the largest tank; and, be independent of the back cut. If a Spill Prevention, Control, and Countermeasure (SPCC) Plan is required by the Environmental Protection Agency, the containment dike may be expanded to meet SPCC requirements with approval by the BLM/VFO AO. The specific APD will address additional capacity if such is needed due to environmental concerns. The use of topsoil for the construction of dikes will not be allowed.

All loading lines will be placed inside the berm surrounding the tank batteries.

All permanent (on site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a color approved by the State.

Refer to Topo Map D for the location of the proposed pipeline.

All existing equipment will be moved off location before any construction begins.

The proposed surface pipeline will be constructed utilizing existing disturbed areas to minimize surface disturbance. No construction activities will be allowed outside of the permitted ROW area.

Prior to construction, the Permittee will develop a plan of installation to minimize surface disturbance. Pipe will be strung along the ROW with either a flatbed trailer and rubber tired backhoe or a tracked typed side boom. Where surface conditions do not allow the pipe to be strung along the ROW using conventional methods, the Permittee will utilize pull sections to run the fabricated pipe through the area from central staging areas along the ROW.

Upon completion of stringing activities the Permittee will fabricate the pipeline on wooden skids adjacent to the centerline of the ROW using truck mounted welding machines. All fabricated piping will be lowered off of the wooden skids and placed along the ROW centerline. Upon completion of all activities, the wooden skids will be removed from the ROW using a flatbed truck or flatbed truck and trailer.

Grading will be necessary to install the RW 14-18B pipeline lateral which will traverse the ravine between the RW 32-19B and the RW 33-19B. Grading using a track type bulldozer and track hoe will be used as necessary to provide a safe and horizontally level work surface during the installation of the pipeline. The Permittee will strip the top 6"-8" of topsoil as necessary and stockpile it separately from the sub grade native soils. Upon completion of the pipeline, cut and fill native sub grade soils will be replaced to restore the area to its original contours. Additionally, topsoil will be replaced and tracked in with a track type bulldozer upon completion of construction.

Additionally, grading will be necessary to install the RW 14-18B lateral through the ravine between RW 33-19B and the RW 34-19B. Grading using a track type bulldozer and track hoe will be used as necessary to provide a safe and horizontally level work surface during installation of the pipeline. Through the bottom of the ravine, the proposed lateral pipeline will be installed underground with a minimum of 6' of ground cover from high water mark to high water mark. Through this area the pipeline will be bedded and shaded with native soils that are <1" in diameter. A minimum of 6" of bedding and 6" of shading will be installed to protect the pipeline. Additionally, the Permittee will field locate and install a minimum of two sandbag type pyramid trench breakers to mitigate future erosion. Native soils that were excavated to construct the pipe trench will be used to backfill the trench back to the original shape and contours prior to disturbance.

Prior to excavating the pipe trench and grading the ROW, the Permittee will strip and stockpile the top 6"-8" of topsoil separately. Upon completion of all construction activities through the ravine, the Permittee will replace and track in the stockpiled topsoil with a track type bulldozer.

Upon completion of the pipeline installation, the permitted ROW will be restored to the pre-disturbance surface contours.

The proposed pipeline will be a surface 10" or smaller, 8,736', containing 6.016 acres.

Road Crossings

Fusion Bond or concrete coated pipe will be used for all road crossings to alleviate future corrosion.

All pipe and fittings used for road crossings will be prefabricated within the proposed ROW to minimize the duration of open pipe trench across the roadway. Pipe used for road crossings will be isolated on each end with a flange set and insulation kit and cathodically protected with a magnesium type anode. Adequately sized equipment will be used for minor and major road crossings. Depth of cover for minor roads will be >4' and the depth of cover for major roads will be >6'.

Prior to lowering the pipe in the trench, the Permittee will "Jeep" the pipe to locate and repair any Holidays in the pipe coating. Upon lowering the pipe in the trench, 6" of bedding and a minimum of 6" of shading will be installed to protect the pipe using either native soils <1" in diameter or imported sand. Pipe trenches that extend across gravel roads will be backfilled with native soils to within 8" of the driving surface and capped with 3/4" road base. Pipe trenches that extend across asphalt paved roads will be backfilled to 4" of the driving surface with 3/4" road base and capped asphalt material.

5. **Location and Type of Water Supply:**

Please refer to QEP Energy Company Greater Deadman Bench EIS UTU-080-200-0369V Record of Decision dated March 31, 2008.

Water for drilling purposes would be obtained from Wonsits Valley Water Right # A 36125 (which was filed on May 7, 1964) or Red Wash Water Right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before 1989 is not depleting to the Upper Colorado River System.

6. **Source of Construction Materials:**

Please refer to QEP Energy Company Greater Deadman Bench EIS UTU-080-200-0369V Record of Decision dated March 31, 2008.

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

The use of materials under BLM jurisdiction will conform with 43 CFR 3610.2-3.

7. **Methods of Handling Waste Materials:**

Please refer to QEP Energy Company Greater Deadman Bench EIS UTU-080-200-0369V Record of Decision dated March 31, 2008.

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids including salts and chemicals will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be used at the next drill site or will be removed and disposed of at an approved waste disposal facility within 6 months after drilling is terminated. Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

Unless specified in the site specific APD, the reserve pit will be constructed on the location and will not be located within natural drainages, where a flood hazard exists

or surface runoff will or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

It will be determined at the on-site inspection if a pit liner is necessary, the reserve pit will be lined with a synthetic reinforced liner, a minimum of 20 millimeters thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place.

No trash or scrap will be disposed of in the pit.

Reserve pit leaks are considered an undesirable event and will be orally reported to the AO.

After first production, produced wastewater will be confined to the approved pit or storage tank for a period not to exceed 90 days. During the 90 day period, in accordance with Onshore Order #7, all produced water will be contained in tanks on location and then hauled to the Wonsits Valley water injection station located in the SWNW Section 12, T8S, R21E; or, the Red Wash disposal well located in the NESW, Section 28, T7S, R22E; or, the Red Wash Central Battery Disposal located SWSE, Section 27, T7S, R23E, or third-party surface evaporative pits.

Produced water, oil, and other byproducts will not be applied to roads or well pads for the control of dust or weeds. The dumping of produced fluids on roads, well sites, or other areas will not be allowed.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site. The spills will be reported to the AO and other authorities as appropriate.

A chemical porta-toilet will be furnished with the drilling rig. The chemical porta-toilet wastes will be hauled to Ashley Valley Sewer and Water System for disposal.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. Trash will not be burned on location. All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig. All trash and waste material will be hauled to the Uintah County Landfill.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of wells. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of wells within these areas. Specific APD's shall address any modifications from this policy.

8. Ancillary Facilities:

None anticipated.

9. Well Site Layout: (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram rig orientation, parking areas, and access roads, as well as the location of the following:

The reserve pit.

The stockpiled topsoil (first six inches), will not be used for facility berms. All brush removed from the well pad during construction will be stockpiled with topsoil.

The flare pit or flare box will be located downwind from the prevailing wind direction.

Any drainage that crosses the well location will be diverted around the location by using ditches, water diversion drains or berms. If deemed necessary at the on-site, erosion drains may be installed to contain sediments that could be produced from access roads and well locations.

A pit liner is required. A felt pit liner will be required if bedrock is encountered.

10. Fencing Requirements:

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

All pits will be fenced according to the following minimum standards:

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces.

Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched using a stretching device before it is attached to corner posts.

The reserve pit will be fenced on three (3) sides during drilling operations. The fourth side will be put in place when the rig moves off location. The pit will be fenced and maintained until it is backfilled. If drilling operations does not commence within 3 days, the fourth side of the fence will be installed

11. Plans for Reclamation of the Surface:

Please refer to QEP Energy Company Uinta Basin Division Reclamation Plan

Site Specific Procedures:

Site Specific Reclamation Summary:

Reclamation will follow Questar Exploration and Production Company, Uinta Basin Division's Reclamation Plan, September 2009 (Questar's Reclamation Plan) and the BLM Green River District Reclamation Guidelines.

All trash and debris will be removed from the disturbed area.

The disturbed area will be backfilled with subsoil.

Topsoil will be spread to an even, appropriate depth and disked if needed.

Water courses and drainages will be restored.

Erosion control devices will be installed where needed.

Seeding will be done in the fall, prior to ground freeze up.

Seed mix will be submitted to a BLM AO for approval prior to seeding.

Monitoring and reporting will be conducted as stated in Questar's Reclamation Plan. A reference site has been established and is included in this application.

It was determined and agreed upon that there is 6" inches of top soil.

12. Surface Ownership:

Bureau of Land Management
170 South 500 East
Vernal, Utah 84078
(435) 781-4400

13. Other Information:

A Class III archaeological survey was conducted by Montgomery Archaeology Consultants. A copy of this report was submitted on September 22, 2010, **Moac Report No. 10-183** by Montgomery Archaeology Consultants. Cultural resource clearance was recommended for this location.

A Class III paleontological survey was conducted by Intermountain Paleo Consulting. A copy of this report was submitted on October 22, 2010, **IPC # 10-171** by Stephen D. Sandau. The inspection resulted in the location of no fossil resources. However, if vertebrate fossil(s) are found during construction a paleontologist should be immediately notified. QEP will provide paleo monitor if needed.

Per the onsite on October 13, 2010, the following items were requested/ discussed.

Corners of the location will be rounded as needed.

It was determined on the onsite by the BLM VFO AO that the facilities will be painted Covert Green.

Existing road will be re-routed. Please see location layout.

Lessee's or Operator's Representative & Certification:

Jan Nelson
Permit Agent
QEP Energy Company
11002 East 17500 South
Vernal, UT 84078
(435) 781-4331

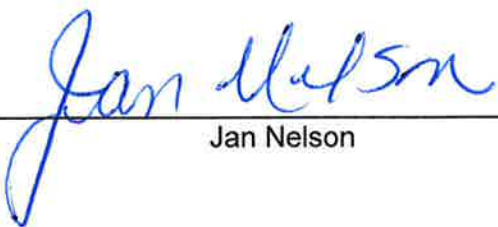
Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

QEP Energy Company is considered to be the operator of the subject well. QEP Energy Company agrees to be responsible under terms and conditions of the lease for the operations conducted upon leased lands.

Bond coverage pursuant to 43 CFR 3104.2 for lease activities is being provided by Bond No. ESB000024

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that I have full knowledge of the State and Federal laws applicable to this operations; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.



Jan Nelson

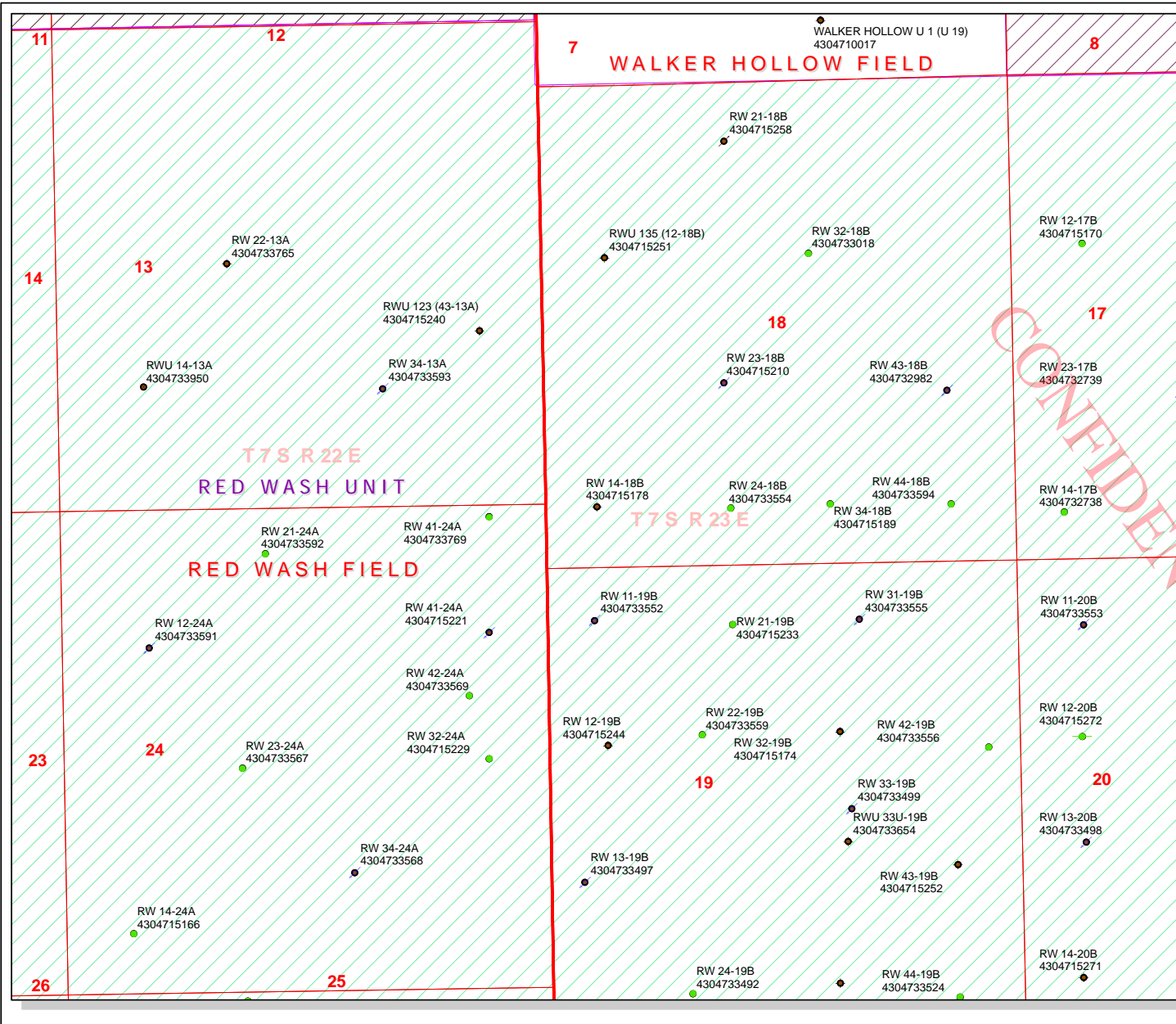
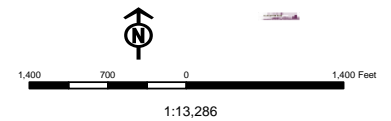
11/9/2010

Date

API Number: 4304715178
Well Name: RW 14-18B
Township 07.0 S Range 23.0 E Section 18
Meridian: SLBM
Operator: QEP ENERGY COMPANY

Map Prepared:
 Map Produced by Diana Mason

- | | |
|--|--|
| Units | Wells Query |
| <ul style="list-style-type: none"> ACTIVE EXPLORATORY GAS STORAGE NF PP OIL NF SECONDARY PI OIL PP GAS PP GEOTHERML PP OIL SECONDARY TERMINATED | <ul style="list-style-type: none"> <all other values> APD - Approved Permit DRL - Spudded (Drilling Commenced) GIW - Gas Injection GS - Gas Storage LA - Location Abandoned LOC - New Location OPS - Operation Suspended PA - Plugged Abandoned PGW - Producing Gas Well POW - Producing Oil Well RET - Returned APD SGW - Shut-in Gas Well SOW - Shut-in Oil Well TA - Temp. Abandoned TW - Test Well WDW - Water Disposal WW - Water Injection Well WSW - Water Supply Well |
| Fields | |
| <ul style="list-style-type: none"> Sections Township Bottom Hole Location - AGRC | |



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

November 15, 2010

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2010 Plan of Development Red Wash Unit,
Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for deepening and completion in the Mesaverde Formation. The work is planned for calendar year 2010 within the Red Wash Unit, Uintah County, Utah.

| API# | WELL NAME | LOCATION |
|-------------------------|--|----------|
| (Proposed PZ MESAVERDE) | | |
| 43-047-15178 | RW 14-18B Sec 18 T07S R23E 0659 FSL 0592 FWL | |
| 43-047-30341 | RW 14-25B Sec 25 T07S R23E 0660 FSL 0660 FWL | |
| 43-047-15295 | RW 43-24B Sec 24 T07S R23E 1984 FSL 0661 FEL | |

This office has no objection to permitting the wells at this time.

Michael L. Coulthard

Digitally signed by Michael L. Coulthard
DN: cn=Michael L. Coulthard, o=Bureau of Land Management, ou=Branch of Minerals,
email=Michael.Coulthard@blm.gov, c=US
Date: 2010.11.15 09:29:09 -0700

bcc: File - Red Wash Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:11-15-10

ONSHORE OIL & GAS ORDER NO. 1
QEP ENERGY COMPANY
RW 14-18B (API#: 43-047-15178)

RE-ENTRY DRILLING PROGRAM

ONSHORE OIL & GAS ORDER NO. 1
Approval of Operations on Onshore
Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil & Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. **Formation Tops**

The estimated top of important geologic markers are as follows:

| <u>Formation</u> | <u>Depth, TVD & MD</u> |
|------------------|----------------------------|
| Green River | 3,177' |
| Mahogany | 3,944' |
| Original TD | 6,359' |
| Wasatch | 6,602' |
| Mesaverde | 9,362' |
| Sego | 11,552' |
| TD | 11,652' |

2. **Anticipated Depths of Oil, Gas, Water, and Other Mineral Bearing Zones**

The estimated depths at which the top of the anticipated water, oil, gas, or other mineral bearing formations are expected to be encountered as follows:

| <u>Substance</u> | <u>Formation</u> | <u>Depth, TVD & MD</u> |
|------------------|------------------|----------------------------|
| Gas | Wasatch | 6,602' |
| Gas | Mesaverde | 9,362' |
| Gas | Sego | 11,552' |

All fresh water and prospectively valuable minerals encountered during drilling will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Wonsits Valley water right A36125

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 11/9/2010

API NO. ASSIGNED: 43047151780000

WELL NAME: RW 14-18B

OPERATOR: QEP ENERGY COMPANY (N3700)

PHONE NUMBER: 435 781-4331

CONTACT: Jan Nelson

PROPOSED LOCATION: SWSW 18 070S 230E

Permit Tech Review:

SURFACE: 0659 FSL 0592 FWL

Engineering Review:

BOTTOM: 0659 FSL 0592 FWL

Geology Review:

COUNTY: UINTAH

LATITUDE: 40.20411

LONGITUDE: -109.37607

UTM SURF EASTINGS: 638211.00

NORTHINGS: 4451466.00

FIELD NAME: RED WASH

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU0116

PROPOSED PRODUCING FORMATION(S): WASATCH-MESA VERDE

SURFACE OWNER: 1 - Federal

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- PLAT
- Bond: FEDERAL - ESB000024
- Potash
- Oil Shale 190-5
- Oil Shale 190-3
- Oil Shale 190-13
- Water Permit: A36125 / 49-2153
- RDCC Review:
- Fee Surface Agreement
- Intent to Commingle

Commingling Approved

LOCATION AND SITING:

- R649-2-3.
Unit: RED WASH
- R649-3-2. General
- R649-3-3. Exception
- Drilling Unit
Board Cause No: Cause 187-07
Effective Date: 9/18/2001
Siting: Suspends General Siting
- R649-3-11. Directional Drill

Comments: Presite Completed
501031 UNIT EFF:000925 OP FR N0210 EFF 1-1-00:030902 OP FR N4235:070430 FR N2460:NM FR RWU 52 (14-18B):

Stipulations: 4 - Federal Approval - dmason



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: RW 14-18B
API Well Number: 43047151780000
Lease Number: UTU0116
Surface Owner: FEDERAL
Approval Date: 11/16/2010

Issued to:

QEP ENERGY COMPANY, 11002 East 17500 South, Vernal, Ut 84078

Authority:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 187-07. The expected producing formation or pool is the WASATCH-MESA VERDE Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available)

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at <https://oilgas.ogm.utah.gov>

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5th day of the following calendar month

- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

Approved By:

A handwritten signature in black ink, appearing to read "John Rogers", written in a cursive style.

For John Rogers
Associate Director, Oil & Gas

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0136
Expires July 31, 2010

RECEIVED

NOV 10 2010

APPLICATION FOR PERMIT TO DRILL OR REENTER

| | | | |
|--|--|---|-----------------|
| 1a. Type of Work: <input type="checkbox"/> DRILL <input checked="" type="checkbox"/> REENTER | | 5. Lease Serial No. UTU0116 | |
| 1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone | | 6. If Indian, Allottee or Tribe Name | |
| 2. Name of Operator QEP ENERGY COMPANY | | 7. If Unit or CA Agreement, Name and No. UTU630100 X | |
| 3a. Address 11002 EAST 17500 SOUTH VERNAL, UT 84078 | | 8. Lease Name and Well No. RW 14-18B | |
| 3b. Phone No. (include area code) Ph: 435.781.4331 Fx: 435.781.4395 | | 9. API Well No. 43-047-15178 | |
| 4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface Lot 4 659FSL 592FWL 40.20408 N Lat, 109.37676 W Lon At proposed prod. zone Lot 4 659FSL 592FWL 40.20408 N Lat, 109.37676 W Lon | | 10. Field and Pool, or Exploratory RED WASH | |
| 14. Distance in miles and direction from nearest town or post office* 21 MILES FROM VERNAL, UT | | 11. Sec., T., R., M., or Blk. and Survey or Area Sec 18 T7S R23E Mer SLB | |
| 15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 592' | | 12. County or Parish UINTAH | 13. State UT |
| 16. No. of Acres in Lease 1263.16 | | 17. Spacing Unit dedicated to this well 40.00 | |
| 18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 1250' | | 19. Proposed Depth 11652 MD | |
| 20. BLM/BIA Bond No. on file ESB000024 | | 21. Elevations (Show whether DF, KB, RT, GL, etc.) 5465 GL | |
| 22. Approximate date work will start 03/01/2011 | | 23. Estimated duration 30 DAYS | |

CONFIDENTIAL

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

| | | |
|--|---|--------------------|
| 25. Signature (Electronic Submission) | Name (Printed/Typed) JAN NELSON Ph: 435.781.4331 | Date 11/09/2010 |
|--|---|--------------------|

| | | |
|-----------------------|--|--|
| Title PERMIT AGENT | | |
|-----------------------|--|--|

| | | |
|---|---------------------------------------|---------------------|
| Approved by (Signature) | Name (Printed/Typed) Jerry Kenczka | Date AUG 30 2011 |
| Title Assistant Field Manager Lands & Mineral Resources | Office VERNAL FIELD OFFICE | |

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Electronic Submission #97096 verified by the BLM Well Information System
QEP ENERGY COMPANY, sent to the Vernal
Committed to AFMSS for processing by ROBIN R. HANSEN on 11/10/2010 (11RRH0206AE)

RECEIVED

SEP 06 2011

DIV. OF OIL, GAS & MINING

NOTICE OF APPROVAL

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

UDOGM

115XS0010AE

NOS 9/30/2010



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: QEP Energy Company
Well No: RW 14-18B
API No: 43-047-15178

Location: Lot 4, Sec. 18, T7S, R23E
Lease No: UTU-0116
Agreement: Red Wash Unit

OFFICE NUMBER: (435) 781-4400

OFFICE FAX NUMBER: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit was processed using a 390 CX tied to NEPA approved 03/31/2008. Therefore, this permit is approved for a two (2) year period OR until lease expiration OR the well must be spud by 03/31/2013 (5 years from the NEPA approval date), whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

| | | |
|---|---|--|
| Location Construction (Notify Environmental Scientist) | - | Forty-Eight (48) hours prior to construction of location and access roads. |
| Location Completion (Notify Environmental Scientist) | - | Prior to moving on the drilling rig. |
| Spud Notice (Notify Petroleum Engineer) | - | Twenty-Four (24) hours prior to spudding the well. |
| Casing String & Cementing (Notify Supv. Petroleum Tech.) | - | Twenty-Four (24) hours prior to running casing and cementing all casing strings to: ut_vn_opreport@blm.gov . |
| BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.) | - | Twenty-Four (24) hours prior to initiating pressure tests. |
| First Production Notice (Notify Petroleum Engineer) | - | Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days. |

**SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horsepower must not emit more than 2 gms of NO_x per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.
- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO_x per horsepower-hour.
- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.
- This project will be implemented on or after the Application for Permit to Drill (APD) approval date. If the well has not been spudded by March 31, 2013 this APD will expire and the operator is to cease all operations related to preparing to drill the well.
- During operations, if any vertebrate paleontological resources are discovered, all operations affecting such sites shall be immediately suspended, and all discoveries shall be left intact until authorized to proceed by the Authorized Officer. The appropriate Authorized Officer of the Vernal BLM office shall be notified within 48 hrs of the discovery, and a decision as to the preferred alternative course of action will be rendered.
- A Paleontologist acceptable to the BLM will monitor construction activity during the pipeline construction. If paleontological resources are uncovered during construction activities, the operator shall immediately suspend all operations that will further disturb such resources, and immediately notify the Authorized Officer (AO). The AO will arrange for a determination of significance and, if necessary, recommend a recovery or avoidance plan.
- Prior to construction, an invasive plants/noxious weeds inventory will be completed for all areas where surface disturbance will occur and a completed Weed Inventory Form will be submitted to the BLM Authorized Officer.

Reclamation

- Reclamation will be completed in accordance with the Questar Exploration and Production Company, Uintah Basin Division's Reclamation Plan on file with the Vernal Field Office of the BLM.
- The operator shall submit a Sundry Notice (Form 3160-5) to the BLM Authorized Officer (AO) three growing seasons after reclamation efforts have occurred evaluating the status of the reclaimed areas in order to determine whether the BLM standards set forth in the Green River District Reclamation Guidelines have been met (30% or greater basal cover).

**DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

SITE SPECIFIC DOWNHOLE COAs:

- All requirements for Drilling operations in Onshore Order #2 shall be adhered to.
- Advance 24-hour notification through UT_VN_OpReport@blm.gov is required for BOPE tests. Operator shall provide notification prior to installing/testing BOPE for the 5M BOPE system. For the e-mail notification, please place in the e-mail notification subject line the following text, "Deepening well work, BOPE test for 5M System well name."

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.

- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at www.ONRR.gov.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location ($\frac{1}{4}$ $\frac{1}{4}$, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs,

core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

| | |
|--|---|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU0116 |
| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: RED WASH |
| 1. TYPE OF WELL Oil Well | 8. WELL NAME and NUMBER: RW 14-18B |
| 2. NAME OF OPERATOR: QEP ENERGY COMPANY | 9. API NUMBER: 43047151780000 |
| 3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078 | PHONE NUMBER: 303 308-3068 Ext |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 0659 FSL 0592 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 18 Township: 07.0S Range: 23.0E Meridian: S | 9. FIELD and POOL or WILDCAT: RED WASH COUNTY: UINTAH STATE: UTAH |


11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|--|--|---|--|
| <input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 11/16/2012 | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> CASING REPAIR |
| <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> CHANGE WELL NAME |
| <input type="checkbox"/> SPUD REPORT Date of Spud: | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> CONVERT WELL TYPE |
| <input type="checkbox"/> DRILLING REPORT Report Date: | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> NEW CONSTRUCTION |
| | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> PLUG BACK |
| | <input type="checkbox"/> PRODUCTION START OR RESUME | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION |
| | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | <input type="checkbox"/> SIDETRACK TO REPAIR WELL | <input type="checkbox"/> TEMPORARY ABANDON |
| | <input type="checkbox"/> TUBING REPAIR | <input type="checkbox"/> VENT OR FLARE | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> WATER SHUTOFF | <input type="checkbox"/> SI TA STATUS EXTENSION | <input checked="" type="checkbox"/> APD EXTENSION |
| | <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> OTHER | OTHER: <input style="width: 50px;" type="text"/> |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

QEP ENERGY COMPANY HEREBY REQUESTS A ONE YEAR EXTENSION FOR THE APD ON THE ABOVE CAPTIONED WELL.

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: 11/23/2011
By: 

| | | |
|---|-------------------------------------|--|
| NAME (PLEASE PRINT) Valyn Davis | PHONE NUMBER 435 781-4369 | TITLE Regulatory Affairs Analyst |
| SIGNATURE N/A | DATE 11/17/2011 | |



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047151780000

API: 43047151780000

Well Name: RW 14-18B

Location: 0659 FSL 0592 FWL QTR SWSW SEC 18 TWP 070S RNG 230E MER S

Company Permit Issued to: QEP ENERGY COMPANY

Date Original Permit Issued: 11/16/2010

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No

- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No

- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No

- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? Yes No

- Has the approved source of water for drilling changed? Yes No

- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No

- Is bonding still in place, which covers this proposed well? Yes No

Signature: Valyn Davis

Date: 11/17/2011

Title: Regulatory Affairs Analyst **Representing:** QEP ENERGY COMPANY

| | |
|--|---|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU0116 |
| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: RED WASH |
| 1. TYPE OF WELL Oil Well | 8. WELL NAME and NUMBER: RW 14-18B |
| 2. NAME OF OPERATOR: QEP ENERGY COMPANY | 9. API NUMBER: 43047151780000 |
| 3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078 | PHONE NUMBER: 303 308-3068 Ext |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 0659 FSL 0592 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 18 Township: 07.0S Range: 23.0E Meridian: S | 9. FIELD and POOL or WILDCAT: RED WASH COUNTY: UINTAH STATE: UTAH |

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|--|---|---|--|
| <input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 1/2/2012 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date: | <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input checked="" type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER | <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 50px;" type="text"/> |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

QEP ENERGY COMPANY REQUESTS APPROVAL TO CHANGE THE 4.5" PRODUCTION CASING WEIGHT AND GRADE- FROM: 4.5", 13.5#, N-80 LTC, COLLAPSE:8,450 PSI, BURST:9,020 PSI, TENSILE:270,000 LBS(JOINT STRENGTH CONSTRAINED). TO: 4.5", 11.6#, HCP-110 LTC, COLLAPSE:8,830PSI, BURST:10,710 PSI, TENSILE:279,000 LBS(JOINT STRENGTH CONSTRAINED).

Accepted by the Utah Division of Oil, Gas and Mining

Date: 01/05/2012

By: *Derek Quist*

| | | |
|---|-------------------------------------|--|
| NAME (PLEASE PRINT) Valyn Davis | PHONE NUMBER 435 781-4369 | TITLE Regulatory Affairs Analyst |
| SIGNATURE N/A | | DATE 12/22/2011 |

| | | |
|--|--|---|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | | FORM 9 |
| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | | 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU0116 |
| | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 1. TYPE OF WELL Oil Well | | 7. UNIT or CA AGREEMENT NAME: RED WASH |
| 2. NAME OF OPERATOR: QEP ENERGY COMPANY | | 8. WELL NAME and NUMBER: RW 14-18B |
| 3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078 | | 9. API NUMBER: 43047151780000 |
| PHONE NUMBER: 303 308-3068 Ext | | 9. FIELD and POOL or WILDCAT: RED WASH |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 0659 FSL 0592 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 18 Township: 07.0S Range: 23.0E Meridian: S | | COUNTY: UINTAH |
| | | STATE: UTAH |

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|---|--|---|--|
| <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> CASING REPAIR |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/1/2012 | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> CHANGE WELL NAME |
| <input type="checkbox"/> SPUD REPORT Date of Spud: | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> CONVERT WELL TYPE |
| <input type="checkbox"/> DRILLING REPORT Report Date: | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> NEW CONSTRUCTION |
| | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> PLUG BACK |
| | <input type="checkbox"/> PRODUCTION START OR RESUME | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION |
| | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | <input type="checkbox"/> SIDETRACK TO REPAIR WELL | <input type="checkbox"/> TEMPORARY ABANDON |
| | <input type="checkbox"/> TUBING REPAIR | <input type="checkbox"/> VENT OR FLARE | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> WATER SHUTOFF | <input type="checkbox"/> SI TA STATUS EXTENSION | <input type="checkbox"/> APD EXTENSION |
| | <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input checked="" type="checkbox"/> OTHER | OTHER: <input type="text" value="Change in spud date."/> |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

QEP ENERGY COMPANY HEREBY PROVIDES NOTIFICATION THAT DUE TO SCHEDULING ISSUES, THE ABOVE MENTIONED WELL, WILL NOT SPUD UNTIL APPROXIMATELY APRIL 1, 2012.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
February 17, 2012**

| | | |
|---|-------------------------------------|--|
| NAME (PLEASE PRINT) Valyn Davis | PHONE NUMBER 435 781-4369 | TITLE Regulatory Affairs Analyst |
| SIGNATURE N/A | DATE 2/16/2012 | |

| | | |
|--|--|---|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | | FORM 9 |
| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | | 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU0116 |
| 1. TYPE OF WELL Oil Well | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 2. NAME OF OPERATOR: QEP ENERGY COMPANY | | 7. UNIT or CA AGREEMENT NAME: RED WASH |
| 3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078 | | 8. WELL NAME and NUMBER: RW 14-18B |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 0659 FSL 0592 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 18 Township: 07.0S Range: 23.0E Meridian: S | | 9. API NUMBER: 43047151780000 |
| PHONE NUMBER: 303 308-3068 Ext | | 9. FIELD and POOL or WILDCAT: RED WASH |
| COUNTY: UINTAH | | STATE: UTAH |
| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | | |
| TYPE OF SUBMISSION | TYPE OF ACTION | |
| <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: | <input type="checkbox"/> ACIDIZE | |
| <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: | <input type="checkbox"/> ALTER CASING | |
| <input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 4/11/2012 | <input type="checkbox"/> CASING REPAIR | |
| <input type="checkbox"/> DRILLING REPORT Report Date: | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | |
| | <input type="checkbox"/> CHANGE TUBING | |
| | <input type="checkbox"/> CHANGE WELL STATUS | |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | |
| | <input type="checkbox"/> CONVERT WELL TYPE | |
| | <input type="checkbox"/> DEEPEN | |
| | <input type="checkbox"/> FRACTURE TREAT | |
| | <input type="checkbox"/> NEW CONSTRUCTION | |
| | <input type="checkbox"/> OPERATOR CHANGE | |
| | <input type="checkbox"/> PLUG AND ABANDON | |
| | <input type="checkbox"/> PLUG BACK | |
| | <input type="checkbox"/> PRODUCTION START OR RESUME | |
| | <input type="checkbox"/> RECLAMATION OF WELL SITE | |
| | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION | |
| | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | |
| | <input type="checkbox"/> SIDETRACK TO REPAIR WELL | |
| | <input type="checkbox"/> TEMPORARY ABANDON | |
| | <input type="checkbox"/> TUBING REPAIR | |
| | <input type="checkbox"/> VENT OR FLARE | |
| | <input type="checkbox"/> WATER DISPOSAL | |
| | <input type="checkbox"/> WATER SHUTOFF | |
| | <input type="checkbox"/> SI TA STATUS EXTENSION | |
| | <input type="checkbox"/> WILDCAT WELL DETERMINATION | |
| | <input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/> | |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. DRILLING ON THIS WELL COMMENCED: 04/11/2012 | | |
| Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY April 18, 2012 | | |
| NAME (PLEASE PRINT) Valyn Davis | PHONE NUMBER 435 781-4369 | TITLE Regulatory Affairs Analyst |
| SIGNATURE N/A | DATE 4/12/2012 | |

| | |
|--|---|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU0116 |
| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: RED WASH |
| 1. TYPE OF WELL Oil Well | 8. WELL NAME and NUMBER: RW 14-18B |
| 2. NAME OF OPERATOR: QEP ENERGY COMPANY | 9. API NUMBER: 43047151780000 |
| 3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078 | PHONE NUMBER: 303 308-3068 Ext |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 0659 FSL 0592 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 18 Township: 07.0S Range: 23.0E Meridian: S | 9. FIELD and POOL or WILDCAT: RED WASH COUNTY: UINTAH STATE: UTAH |

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|---|---|---|---|
| <input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 4/3/2012 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date: | <input type="checkbox"/> ACIDIZE <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER | <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/> |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

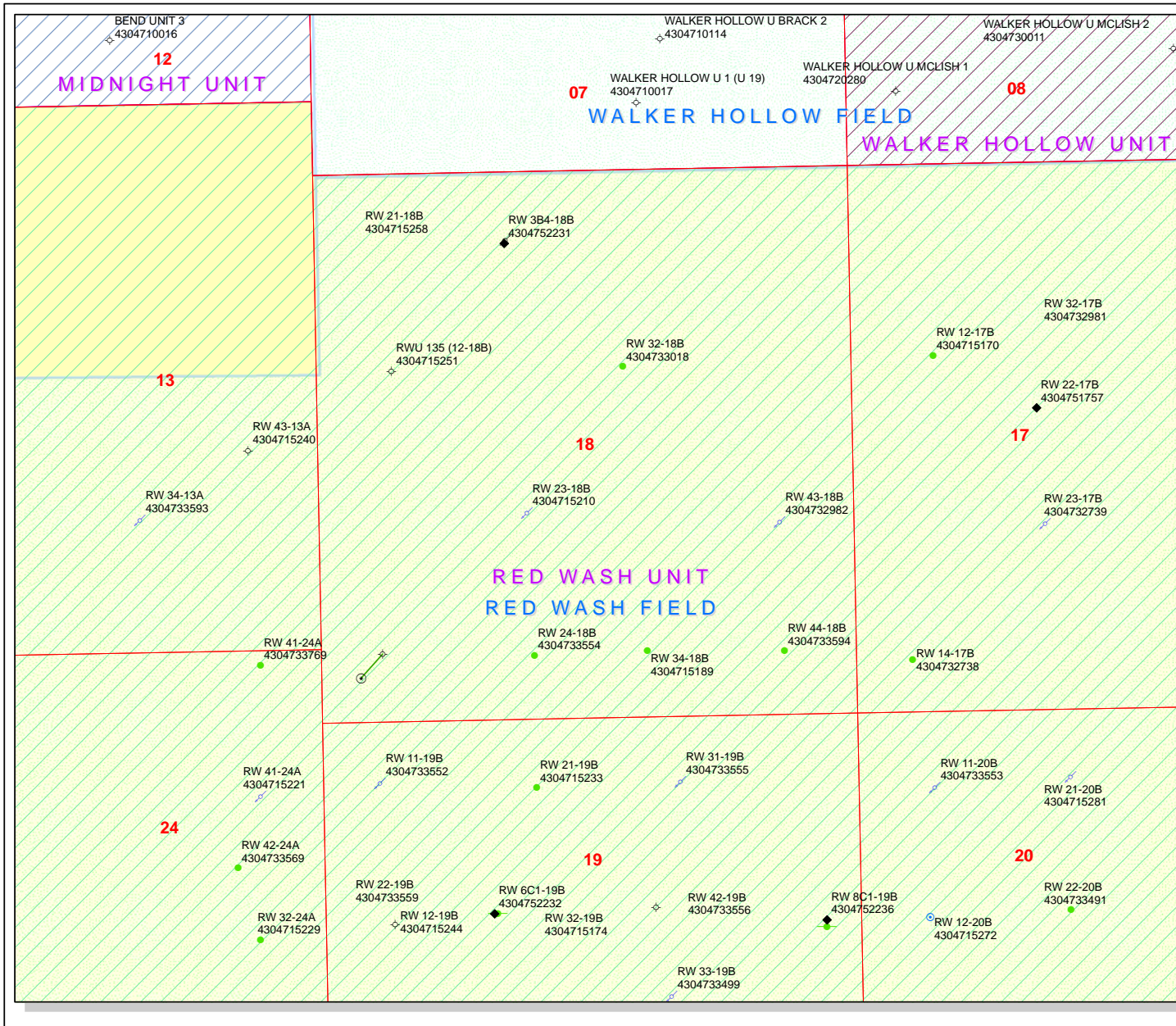
WHILE PREPARING THIS WELLBORE FOR RE-ENTRY, AN UNDOCUMENTED FISH WAS DISCOVERED AT APPROXIMATELY 5,350' THAT COULD NOT BE MILLED THROUGH. SUBSEQUENTLY A CASING INSPECTION LOG WAS RUN TO VERIFY THE CONDITION OF THE CASING AND A PART WAS DISCOVERED AT 5,204'. A BRIDGE PLUG HAS BEEN SET AT 5,063' TO ISOLATE THE REMAINDER OF THE WELLBORE. QEP ENERGY COMPANY REQUESTS APPROVAL TO SET A WHIPSTOCK ON THE BRIDGE PLUG AT 5,063' TO SIDETRACK THE WELL AND CONTINUE WITH DEEPENING OPERATIONS. ALSO, QEP ENERGY COMPANY WOULD LIKE TO OPTIMIZE BOTTOM HOLE SPACING OF THE MESA VERDE DEVELOPMENT THEREFORE, QEP ENERGY COMPANY WOULD LIKE TO DRILL THIS WELL WITH A SMALL STEP OUT +/- 350'. PLEASE SEE ATTACHED **DIRECTIONAL DRILLING** PLAN. BOTTOM HOLE FOOTAGES ARE: LOT 4, SEC., 18, T7S, R23E, 431' FSL, 379' FWL. QEP ENERGY COMPANY IS REQUESTING THAT THIS INFORMATION BE HELD AS "CONFIDENTIAL".

Approved by the Utah Division of Oil, Gas and Mining

Date: April 18, 2012

By:

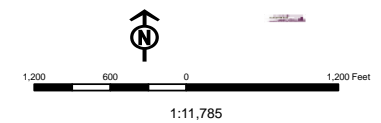
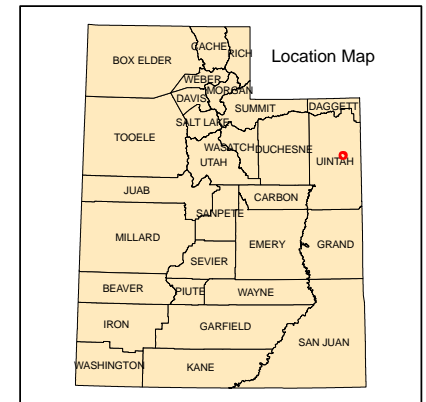
| | | |
|---|-------------------------------------|--|
| NAME (PLEASE PRINT) Valyn Davis | PHONE NUMBER 435 781-4369 | TITLE Regulatory Affairs Analyst |
| SIGNATURE N/A | DATE 4/3/2012 | |



API Number: 4304715178
Well Name: RW 14-18B
Township T0.7 . Range R2.3 . Section 18
Meridian: SLBM
Operator: QEP ENERGY COMPANY

Map Prepared:
 Map Produced by Diana Mason

| Units STATUS | Wells Query Status |
|----------------------|------------------------------------|
| ACTIVE | APD - Aproved Permit |
| EXPLORATORY | DRL - Spudded (Drilling Commenced) |
| GAS STORAGE | GIW - Gas Injection |
| NF PP OIL | GS - Gas Storage |
| NF SECONDARY | LA - Location Abandoned |
| PI OIL | LOC - New Location |
| PP GAS | OPS - Operation Suspended |
| PP GEOTHERML | PA - Plugged Abandoned |
| PP OIL | PGW - Producing Gas Well |
| SECONDARY | POW - Producing Oil Well |
| TERMINATED | RET - Returned APD |
| Fields STATUS | SGW - Shut-in Gas Well |
| Unknown | SOW - Shut-in Oil Well |
| ABANDONED | TA - Temp. Abandoned |
| ACTIVE | TW - Test Well |
| COMBINED | WDW - Water Disposal |
| INACTIVE | WW - Water Injection Well |
| STORAGE | WSW - Water Supply Well |
| TERMINATED | |





QEP Energy Company

QEP ENERGY (UT)

Red Wash

RW 14-18B

RW 14-18B

Re-Entry

Plan: Plan ver.0

Standard Planning Report

30 March, 2012



QEP Energy Company



QEP Resources, Inc.
Planning Report



| | | | |
|------------------|-----------------|-------------------------------------|--------------------------------|
| Database: | EDMDB_QEP | Local Co-ordinate Reference: | Well RW 14-18B |
| Company: | QEP ENERGY (UT) | TVD Reference: | RKB @ 5478.50usft (FRONTIER 2) |
| Project: | Red Wash | MD Reference: | RKB @ 5478.50usft (FRONTIER 2) |
| Site: | RW 14-18B | North Reference: | True |
| Well: | RW 14-18B | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Re-Entry | | |
| Design: | Plan ver.0 | | |

| | | | |
|--------------------|---------------------------|----------------------|-----------------------------|
| Project | Red Wash | | |
| Map System: | US State Plane 1983 | System Datum: | Mean Sea Level |
| Geo Datum: | North American Datum 1983 | | |
| Map Zone: | Utah Central Zone | | Using geodetic scale factor |

| | | | | | |
|------------------------------|-----------|---------------------|--------------------|--------------------------|-------------|
| Site | RW 14-18B | | | | |
| Site Position: | | Northing: | 7,250,098.432 usft | Latitude: | 40.204075 |
| From: | Lat/Long | Easting: | 2,233,392.409 usft | Longitude: | -109.376759 |
| Position Uncertainty: | 0.00 usft | Slot Radius: | 13-3/16 " | Grid Convergence: | 1.36 ° |

| | | | | | | |
|-----------------------------|--------------|------------|----------------------------|--------------------|----------------------|---------------|
| Well | RW 14-18B | | | | | |
| Well Position | +N/-S | -0.01 usft | Northing: | 7,250,098.420 usft | Latitude: | 40.204075 |
| | +E/-W | 0.00 usft | Easting: | 2,233,392.410 usft | Longitude: | -109.376759 |
| Position Uncertainty | | 0.00 usft | Wellhead Elevation: | 5,462.50 usft | Ground Level: | 5,462.50 usft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | Re-Entry | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | IGRF2010 | 3/28/2012 | 10.95 | 66.04 | 52,374 |

| | | | | |
|--------------------------|--------------------------------|---------------------|----------------------|----------------------|
| Design | Plan ver.0 | | | |
| Audit Notes: | | | | |
| Version: | Phase: | PLAN | Tie On Depth: | 4,800.00 |
| Vertical Section: | Depth From (TVD) (usft) | +N/-S (usft) | +E/-W (usft) | Direction (°) |
| | 0.00 | 0.00 | 0.00 | 222.99 |

| Plan Sections | | | | | | | | | | |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|------------------------|-----------------------|---------|--------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | TFO (°) | Target |
| 4,800.00 | 0.00 | 0.00 | 4,800.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 5,063.00 | 0.00 | 0.00 | 5,063.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 5,244.70 | 14.54 | 252.55 | 5,242.76 | -6.87 | -21.87 | 8.00 | 8.00 | 0.00 | 252.55 | |
| 5,884.34 | 14.54 | 252.55 | 5,861.92 | -55.01 | -175.03 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 7,337.96 | 0.00 | 0.00 | 7,300.00 | -110.00 | -350.00 | 1.00 | -1.00 | 0.00 | 180.00 | |
| 8,637.96 | 0.00 | 0.00 | 8,600.00 | -110.00 | -350.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 8,987.96 | 3.50 | 131.00 | 8,949.78 | -117.01 | -341.93 | 1.00 | 1.00 | 0.00 | 131.00 | |
| 11,779.39 | 3.50 | 131.00 | 11,736.00 | -228.81 | -213.32 | 0.00 | 0.00 | 0.00 | 0.00 | |



QEP Resources, Inc.
Planning Report



| | | | |
|------------------|-----------------|-------------------------------------|--------------------------------|
| Database: | EDMDB_QEP | Local Co-ordinate Reference: | Well RW 14-18B |
| Company: | QEP ENERGY (UT) | TVD Reference: | RKB @ 5478.50usft (FRONTIER 2) |
| Project: | Red Wash | MD Reference: | RKB @ 5478.50usft (FRONTIER 2) |
| Site: | RW 14-18B | North Reference: | True |
| Well: | RW 14-18B | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Re-Entry | | |
| Design: | Plan ver.0 | | |

| Planned Survey | | | | | | | | | | |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | |
| 4,800.00 | 0.00 | 0.00 | 4,800.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5,063.00 | 0.00 | 0.00 | 5,063.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5,244.70 | 14.54 | 252.55 | 5,242.76 | -6.87 | -21.87 | 19.94 | 8.00 | 8.00 | 0.00 | 0.00 |
| 5,884.34 | 14.54 | 252.55 | 5,861.92 | -55.01 | -175.03 | 159.59 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7,337.96 | 0.00 | 0.00 | 7,300.00 | -110.00 | -350.00 | 319.13 | 1.00 | -1.00 | 0.00 | 0.00 |
| 8,637.96 | 0.00 | 0.00 | 8,600.00 | -110.00 | -350.00 | 319.13 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8,987.96 | 3.50 | 131.00 | 8,949.78 | -117.01 | -341.93 | 318.76 | 1.00 | 1.00 | 0.00 | 0.00 |
| 11,779.39 | 3.50 | 131.00 | 11,736.00 | -228.81 | -213.32 | 312.83 | 0.00 | 0.00 | 0.00 | 0.00 |

| Design Targets | | | | | | | | | | |
|---|---------------|--------------|------------|--------------|--------------|-----------------|----------------|-----------|-------------|--|
| Target Name | Dip Angle (°) | Dip Dir. (°) | TVD (usft) | +N/-S (usft) | +E/-W (usft) | Northing (usft) | Easting (usft) | Latitude | Longitude | |
| RW 14-18B (13C1-18) | 0.00 | 0.00 | 9,350.00 | -168.40 | -282.35 | 7,249,923.381 | 2,233,114.163 | 40.203613 | -109.377769 | |
| - hit/miss target | | | | | | | | | | |
| - Shape | | | | | | | | | | |
| - plan misses target center by 407.88usft at 8987.96usft MD (8949.78 TVD, -117.01 N, -341.93 E) | | | | | | | | | | |
| - Circle (radius 100.00) | | | | | | | | | | |

| Formations | | | | | | | |
|-----------------------|-----------------------|--------------|-----------|---------|-------------------|--|--|
| Measured Depth (usft) | Vertical Depth (usft) | Name | Lithology | Dip (°) | Dip Direction (°) | | |
| 3,177.00 | 3,177.00 | Green River | | | | | |
| 3,944.00 | 3,944.00 | Mahog. Bench | | | | | |
| 6,642.25 | 6,606.00 | Wasatch | | | | | |
| 9,404.96 | 9,366.00 | Mesaverde | | | | | |
| 11,679.20 | 11,636.00 | Sego | | | | | |

| Plan Annotations | | | | | |
|-----------------------|-----------------------|--------------|--------------|----------------------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Comment | |
| 4,800.00 | 4,800.00 | 0.00 | 0.00 | Start 263.00 hold at 4800.00 MD | |
| 5,063.00 | 5,063.00 | 0.00 | 0.00 | CIBP @ 5063 | |
| 5,063.00 | 5,063.00 | 0.00 | 0.00 | Start Build 8.00 | |
| 5,244.70 | 5,242.76 | -6.87 | -21.87 | Start 639.64 hold at 5244.70 MD | |
| 5,884.34 | 5,861.92 | -55.01 | -175.03 | Start Drop -1.00 | |
| 7,337.96 | 7,300.00 | -110.00 | -350.00 | Start 1300.00 hold at 7337.96 MD | |
| 8,637.96 | 8,600.00 | -110.00 | -350.00 | Start Build 1.00 | |
| 8,987.96 | 8,949.78 | -117.01 | -341.93 | Start 2791.42 hold at 8987.96 MD | |
| 11,779.39 | 11,736.00 | -228.81 | -213.32 | TD at 11779.39 | |



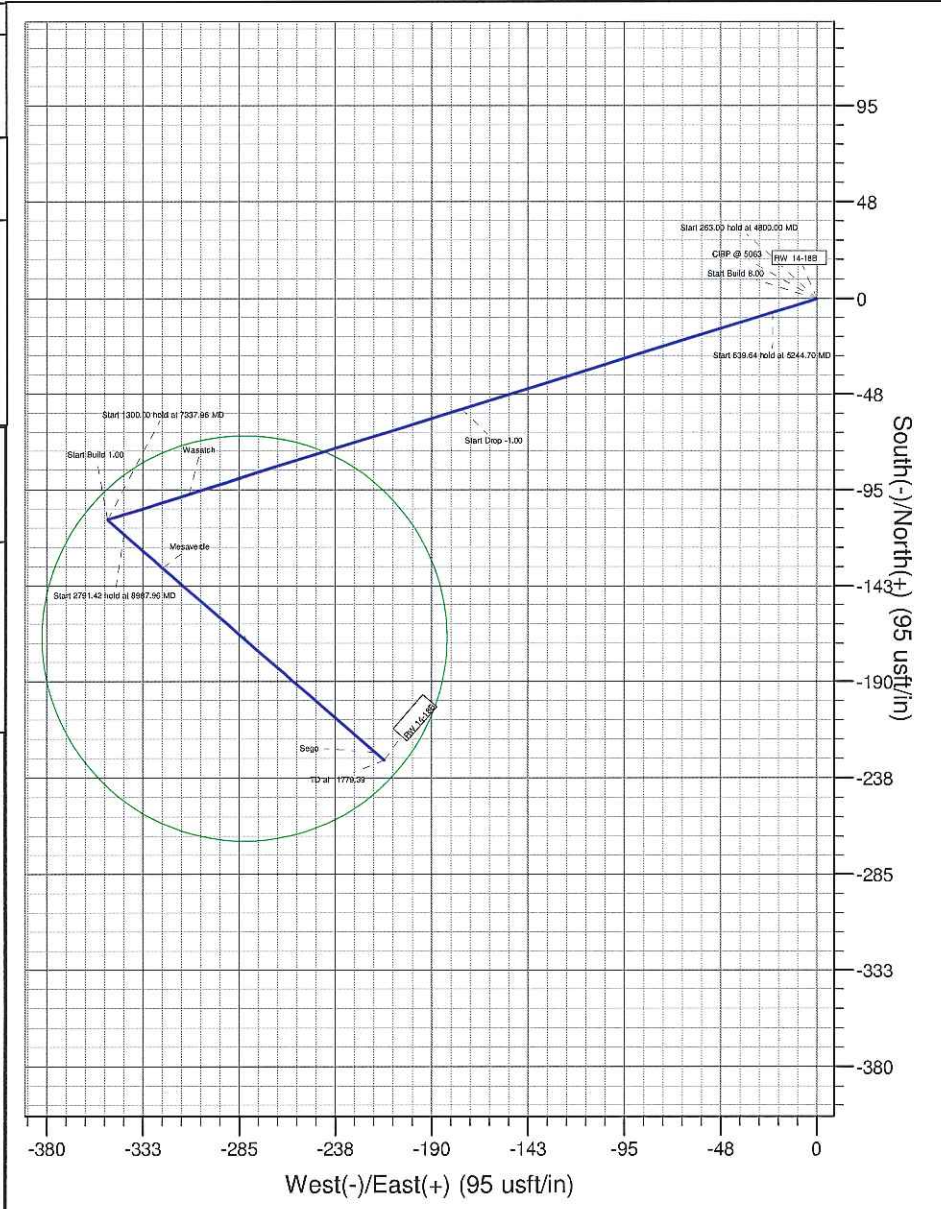
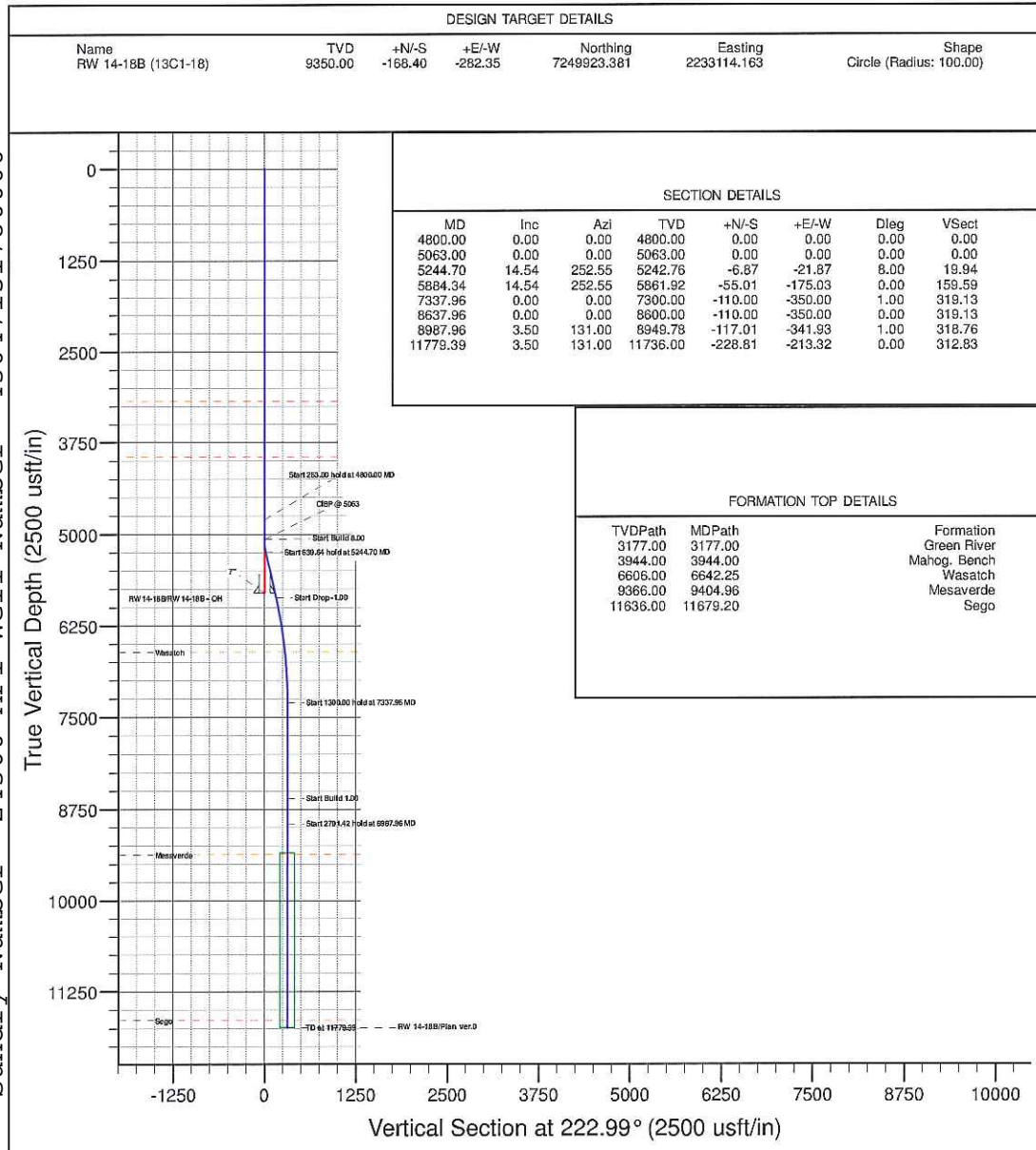
Company Name: QEP ENERGY (UT)



Azimuth to True North
Magnetic North: 10.95°
Magnetic Field
Strength: 53374.4gnT
Dip Angle: 65.04°
Date: 3/29/2012
Model: ICRF2010

Project: Red Wash
Site: RW 14-18B
Well: RW 14-18B
Wellbore: Re-Entry
Design: Plan ver.0

| WELL DETAILS: RW 14-18B | | | | | | | REFERENCE INFORMATION | | PROJECT DETAILS: Red Wash | |
|--------------------------|---------------|-------------------------|------------------------|-----------------------|--------------------------|------|---|--|--|--|
| Ground Level: 5462.50 | | | | | | | Co-ordinate (N/E) Reference: Well RW 14-18B, True North Vertical (TVD) Reference: RKB @ 5478.50usft (FRONTIER 2) Section (VS) Reference: Slot - (0.00N, 0.00E) Measured Depth Reference: RKB @ 5478.50usft (FRONTIER 2) Calculation Method: Minimum Curvature | | Geodetic System: US State Plane 1983 Datum: North American Datum 1983 Ellipsoid: GRS 1980 Zone: Utah Central Zone System Datum: Mean Sea Level | |
| +N/-S 0.00 | +E/-W 0.00 | Northing 7250098.420 | Easting 2233392.410 | Latitude 40.204075 | Longitude -109.376758 | Slot | | | | |



Sundry Number: 24360 API Well Number: 43047151780000

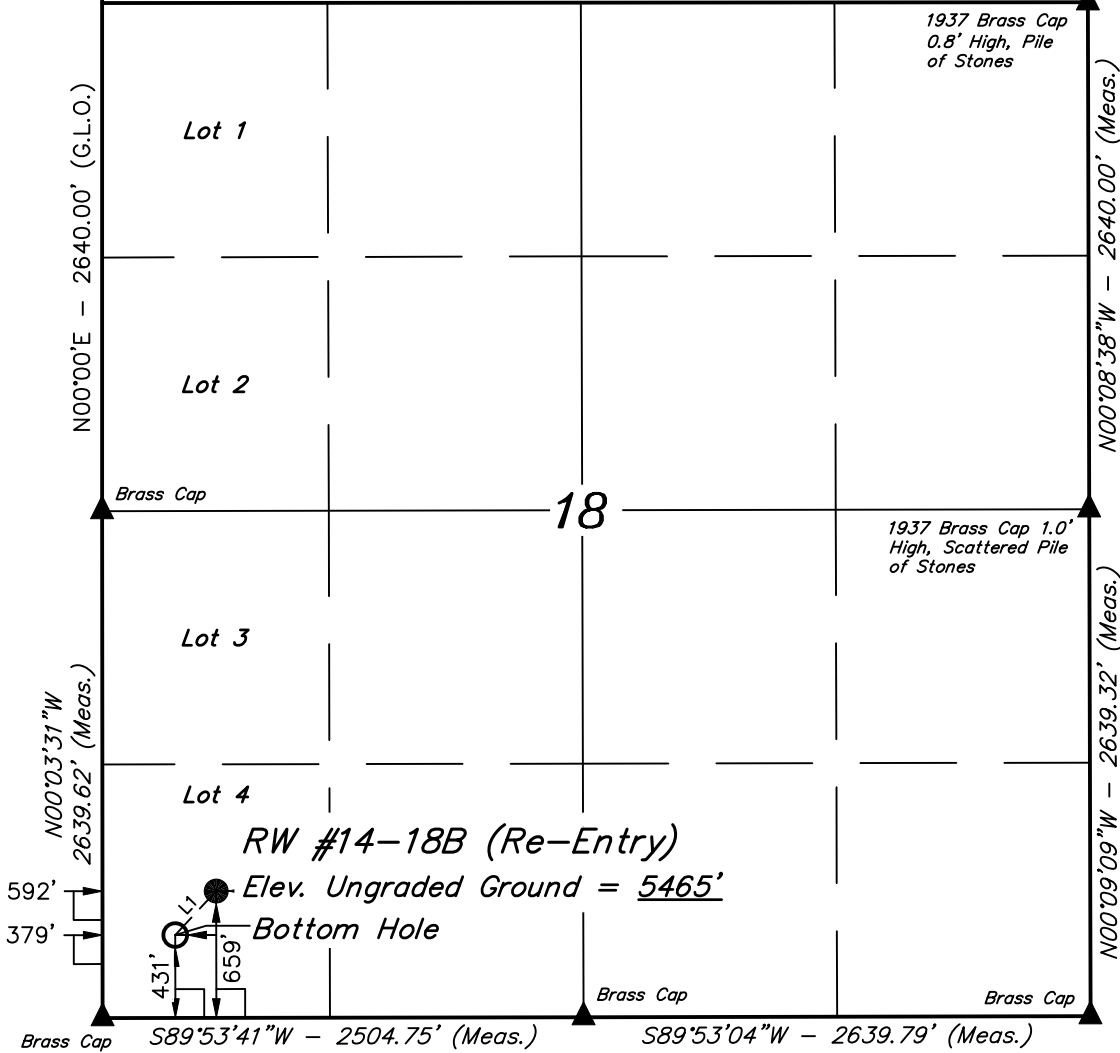
R
22
E

T7S, R23E, S.L.B.&M.

QEP ENERGY COMPANY

Well location, RW #14-18B (Re-Entry), located as shown in Lot 4 of Section 18, T7S, R23E, S.L.B.&M., Uintah County, Utah.

S89°57'W - 5138.10' (G.L.O.)

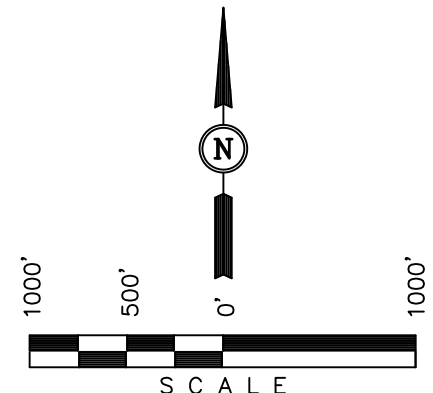


BASIS OF ELEVATION

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Robert K. Kay
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161319
 STATE OF UTAH

REVISED: 04-02-12

UINTAH ENGINEERING & LAND SURVEYING
 85 SOUTH 200 EAST - VERNAL, UTAH 84078
 (435) 789-1017

| LINE TABLE | | |
|------------|-------------|---------|
| LINE | BEARING | LENGTH |
| L1 | S42°59'36"W | 312.82' |

| NAD 83 (TARGET BOTTOM HOLE) | | NAD 83 (SURFACE LOCATION) | |
|-------------------------------------|--|-------------------------------------|--|
| LATITUDE = 40°12'12.42" (40.203450) | LONGITUDE = 109°22'39.08" (109.377522) | LATITUDE = 40°12'14.67" (40.204075) | LONGITUDE = 109°22'36.33" (109.376758) |
| NAD 27 (TARGET BOTTOM HOLE) | | NAD 27 (SURFACE LOCATION) | |
| LATITUDE = 40°12'12.54" (40.203483) | LONGITUDE = 109°22'36.62" (109.376839) | LATITUDE = 40°12'14.80" (40.204111) | LONGITUDE = 109°22'33.87" (109.376075) |

LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

| | | |
|-------------------------|----------------------------|-------------------------|
| SCALE 1" = 1000' | DATE SURVEYED: 09-13-10 | DATE DRAWN: 09-15-10 |
| PARTY D.K. J.M. C.C. | REFERENCES G.L.O. PLAT | |
| WEATHER WARM | FILE QEP ENERGY COMPANY | |

| | | |
|--|--|--|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | | FORM 9 |
| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | | 5. LEASE DESIGNATION AND SERIAL NUMBER: U-0116 |
| | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 1. TYPE OF WELL Oil Well | | 7. UNIT or CA AGREEMENT NAME: RED WASH |
| 2. NAME OF OPERATOR: QEP ENERGY COMPANY | | 8. WELL NAME and NUMBER: RW 14-18B |
| 3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078 | | 9. API NUMBER: 43047151780000 |
| PHONE NUMBER: 303 308-3068 Ext | | 9. FIELD and POOL or WILDCAT: RED WASH |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 0659 FSL 0592 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 18 Township: 07.0S Range: 23.0E Meridian: S | | COUNTY: UINTAH |
| | | STATE: UTAH |

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|--|--|---|---|
| <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> CASING REPAIR |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/17/2012 | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> CHANGE WELL NAME |
| <input type="checkbox"/> SPUD REPORT Date of Spud: | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> CONVERT WELL TYPE |
| <input type="checkbox"/> DRILLING REPORT Report Date: | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> NEW CONSTRUCTION |
| | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> PLUG BACK |
| | <input checked="" type="checkbox"/> PRODUCTION START OR RESUME | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION |
| | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | <input type="checkbox"/> SIDETRACK TO REPAIR WELL | <input type="checkbox"/> TEMPORARY ABANDON |
| | <input type="checkbox"/> TUBING REPAIR | <input type="checkbox"/> VENT OR FLARE | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> WATER SHUTOFF | <input type="checkbox"/> SI TA STATUS EXTENSION | <input type="checkbox"/> APD EXTENSION |
| | <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> OTHER | OTHER: <input style="width: 100px;" type="text"/> |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

THIS WELL COMMENCED PRODUCTION ON 05/17/2012.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
May 18, 2012**

| | | |
|---|-------------------------------------|--|
| NAME (PLEASE PRINT) Valyn Davis | PHONE NUMBER 435 781-4369 | TITLE Regulatory Affairs Analyst |
| SIGNATURE N/A | DATE 5/17/2012 | |

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: QEP ENERGY COMPANY Operator Account Number: N 3700
Address: 11002 EAST 17500 SOUTH
city VERNAL
state UT zip 84078 Phone Number: (435) 781-4369

Well 1

| API Number | Well Name | | QQ | Sec | Twp | Rng | County |
|--|-----------------------|-------------------|-----------|-----|----------------------------------|-----|-----------------------------|
| 4304715178 | RW 14-18B | | SWSW | 18 | 7S | 23E | UINTAH |
| Action Code | Current Entity Number | New Entity Number | Spud Date | | Entity Assignment Effective Date | | |
| D | 5670 | 18478 | 4/11/2012 | | 1/1/2012 | | |
| Comments: <u>GRRV TO WMVRD</u> <u>WMMED</u> | | | | | | | CONFIDENTIAL 5/11/12 |

Well 2

| API Number | Well Name | | QQ | Sec | Twp | Rng | County |
|--|-----------------------|-------------------|-----------|-----|----------------------------------|-----|-----------------------------|
| 4304715296 | RW 12-14B | | SWNW | 14 | 7S | 23E | UINTAH |
| Action Code | Current Entity Number | New Entity Number | Spud Date | | Entity Assignment Effective Date | | |
| D | 5670 | 18478 | 4/23/2012 | | 1/1/2012 | | |
| Comments: <u>GRRV TO WMVRD</u> <u>WMMED</u> | | | | | | | CONFIDENTIAL 5/11/12 |

Well 3

| API Number | Well Name | | QQ | Sec | Twp | Rng | County |
|--|-----------------------|-------------------|-----------|-----|----------------------------------|-----|-----------------------------|
| 4304752238 | RW 9C1-26B | | NESE | 26 | 7S | 23E | UINTAH |
| Action Code | Current Entity Number | New Entity Number | Spud Date | | Entity Assignment Effective Date | | |
| B | <u>New</u> | 18478 | 4/26/2012 | | 1/1/2012 | | |
| Comments: <u>WMVRD</u> <u>WMMED</u> | | | | | | | CONFIDENTIAL 5/11/12 |

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Valyn Davis

Name (Please Print)

Signature

Regulatory Affairs Analyst

Title

4/30/2012

Date

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MAY 01 2012

Div. of Oil, Gas & Mining

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

AMENDED REPORT FORM 8
(highlight changes)

5. LEASE DESIGNATION AND SERIAL NUMBER:

UTU63010

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

Red Wash

8. WELL NAME and NUMBER:

RW 14-18B

9. API NUMBER:

4304715178

10. FIELD AND POOL, OR WILDCAT

Red Wash

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

SWSW 18 7S 23E

12. COUNTY

Uinta

13. STATE

UTAH

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL:

OIL WELL

GAS WELL

DRY

OTHER _____

b. TYPE OF WORK:

NEW WELL

HORIZ. LATS.

DEEP-EN

RE-ENTRY

DIFF. RESVR.

OTHER _____

2. NAME OF OPERATOR:

QEP Energy Company

3. ADDRESS OF OPERATOR:

1050 17th St. Suite 500 CITY Denver

STATE CO ZIP 80265

PHONE NUMBER:

(303) 672-6900

4. LOCATION OF WELL (FOOTAGES)

AT SURFACE: 659 FSL 592 FWL

AT TOP PRODUCING INTERVAL REPORTED BELOW: 484 FSL 288 FWL

AT TOTAL DEPTH: 415 FSL 330 FWL

BHL by HSM

14. DATE SPUDDED:

4/11/2012

15. DATE T.D. REACHED:

4/28/2012

16. DATE COMPLETED:

5/17/2012

ABANDONED

READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL):

5479 RKB

18. TOTAL DEPTH: MD

11,860

TVD 11,810

19. PLUG BACK T.D.: MD

11,855

TVD 11,805

20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE MD

PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)

Quad Combo

23.

WAS WELL CORED? NO YES (Submit analysis)

WAS DST RUN? NO YES (Submit report)

DIRECTIONAL SURVEY? NO YES (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

| HOLE SIZE | SIZE/GRADE | WEIGHT (#/ft.) | TOP (MD) | BOTTOM (MD) | STAGE CEMENTER DEPTH | CEMENT TYPE & NO. OF SACKS | SLURRY VOLUME (BBL) | CEMENT TOP ** | AMOUNT PULLED |
|-----------|------------|----------------|----------|-------------|----------------------|----------------------------|---------------------|---------------|---------------|
| 6.125 | 4.5 HCR | 11.6 | 0 | 11,857 | | 900 | 357 | 2200 | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

25. TUBING RECORD

| SIZE | DEPTH SET (MD) | PACKER SET (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) |
|-------|----------------|-----------------|-------|----------------|-----------------|------|----------------|-----------------|
| 2.375 | 11,704 | | 2.375 | 11,704 | | | | |

26. PRODUCING INTERVALS

| FORMATION NAME | TOP (MD) | BOTTOM (MD) | TOP (TVD) | BOTTOM (TVD) | INTERVAL (Top/Bot - MD) | SIZE | NO. HOLES | PERFORATION STATUS |
|----------------|----------|-------------|-----------|--------------|-------------------------|------|-----------|--|
| (A) Mesa Verde | 10,322 | 11,750 | | | 10,322 11,750 | .35 | 144 | Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/> |
| (B) | | | | | | | | Open <input type="checkbox"/> Squeezed <input type="checkbox"/> |
| (C) | | | | | | | | Open <input type="checkbox"/> Squeezed <input type="checkbox"/> |
| (D) | | | | | | | | Open <input type="checkbox"/> Squeezed <input type="checkbox"/> |

27. PERFORATION RECORD

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL | AMOUNT AND TYPE OF MATERIAL |
|----------------|---|
| 10322 to 11750 | 57 BBL 15% KCI, 11,487 BBL Slick Water, 215,500 lb 30/50 sand |
| | |

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29. ENCLOSED ATTACHMENTS:

- ELECTRICAL/MECHANICAL LOGS GEOLOGIC REPORT DST REPORT DIRECTIONAL SURVEY
 SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION CORE ANALYSIS OTHER: Ops. Summary

30. WELL STATUS:

Gas Well

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

| | | | | | | | | | | |
|-----------------------------------|----------------------|-------------------------|-------------|---------------------|---------------|---------------------------|------------------|---------------------|---------------------|-------------------------------|
| DATE FIRST PRODUCED: 5/17/2012 | | TEST DATE: 5/22/2012 | | HOURS TESTED: 24 | | TEST PRODUCTION RATES: → | OIL - BBL: 34 | GAS - MCF: 2,429 | WATER - BBL: 118 | PROD. METHOD: Flows from V |
| CHOKE SIZE: | TBG. PRESS. 2,463 | CSG. PRESS. 2,983 | API GRAVITY | BTU - GAS | GAS/OIL RATIO | 24 HR PRODUCTION RATES: → | OIL - BBL: 34 | GAS - MCF: 2,429 | WATER - BBL: 118 | INTERVAL STATUS: PGW |

INTERVAL B (As shown in item #26)

| | | | | | | | | | | |
|----------------------|-------------|-------------|-------------|---------------|---------------|---------------------------|------------|------------|--------------|------------------|
| DATE FIRST PRODUCED: | | TEST DATE: | | HOURS TESTED: | | TEST PRODUCTION RATES: → | OIL - BBL: | GAS - MCF: | WATER - BBL: | PROD. METHOD: |
| CHOKE SIZE: | TBG. PRESS. | CSG. PRESS. | API GRAVITY | BTU - GAS | GAS/OIL RATIO | 24 HR PRODUCTION RATES: → | OIL - BBL: | GAS - MCF: | WATER - BBL: | INTERVAL STATUS: |

INTERVAL C (As shown in item #26)

| | | | | | | | | | | |
|----------------------|-------------|-------------|-------------|---------------|---------------|---------------------------|------------|------------|--------------|------------------|
| DATE FIRST PRODUCED: | | TEST DATE: | | HOURS TESTED: | | TEST PRODUCTION RATES: → | OIL - BBL: | GAS - MCF: | WATER - BBL: | PROD. METHOD: |
| CHOKE SIZE: | TBG. PRESS. | CSG. PRESS. | API GRAVITY | BTU - GAS | GAS/OIL RATIO | 24 HR PRODUCTION RATES: → | OIL - BBL: | GAS - MCF: | WATER - BBL: | INTERVAL STATUS: |

INTERVAL D (As shown in item #26)

| | | | | | | | | | | |
|----------------------|-------------|-------------|-------------|---------------|---------------|---------------------------|------------|------------|--------------|------------------|
| DATE FIRST PRODUCED: | | TEST DATE: | | HOURS TESTED: | | TEST PRODUCTION RATES: → | OIL - BBL: | GAS - MCF: | WATER - BBL: | PROD. METHOD: |
| CHOKE SIZE: | TBG. PRESS. | CSG. PRESS. | API GRAVITY | BTU - GAS | GAS/OIL RATIO | 24 HR PRODUCTION RATES: → | OIL - BBL: | GAS - MCF: | WATER - BBL: | INTERVAL STATUS: |

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

Sold

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

| Formation | Top (MD) | Bottom (MD) | Descriptions, Contents, etc. | Name | Top (Measured Depth) |
|-----------|----------|-------------|------------------------------|-------------|----------------------|
| | | | | Green River | 2,890 |
| | | | | Mohogany | 3,567 |
| | | | | Wasatch | 6,602 |
| | | | | Mesa Verde | 9,018 |
| | | | | Sego | 11,827 |

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Andrew Schmid

TITLE Engineering Technician

SIGNATURE 

DATE 6/18/2012

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

QEP ENERGY

RED WASH (UTAH)

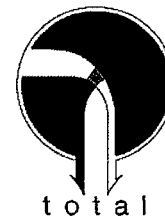
RW 14-18B

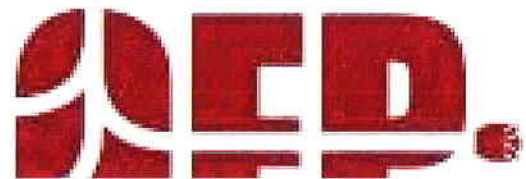
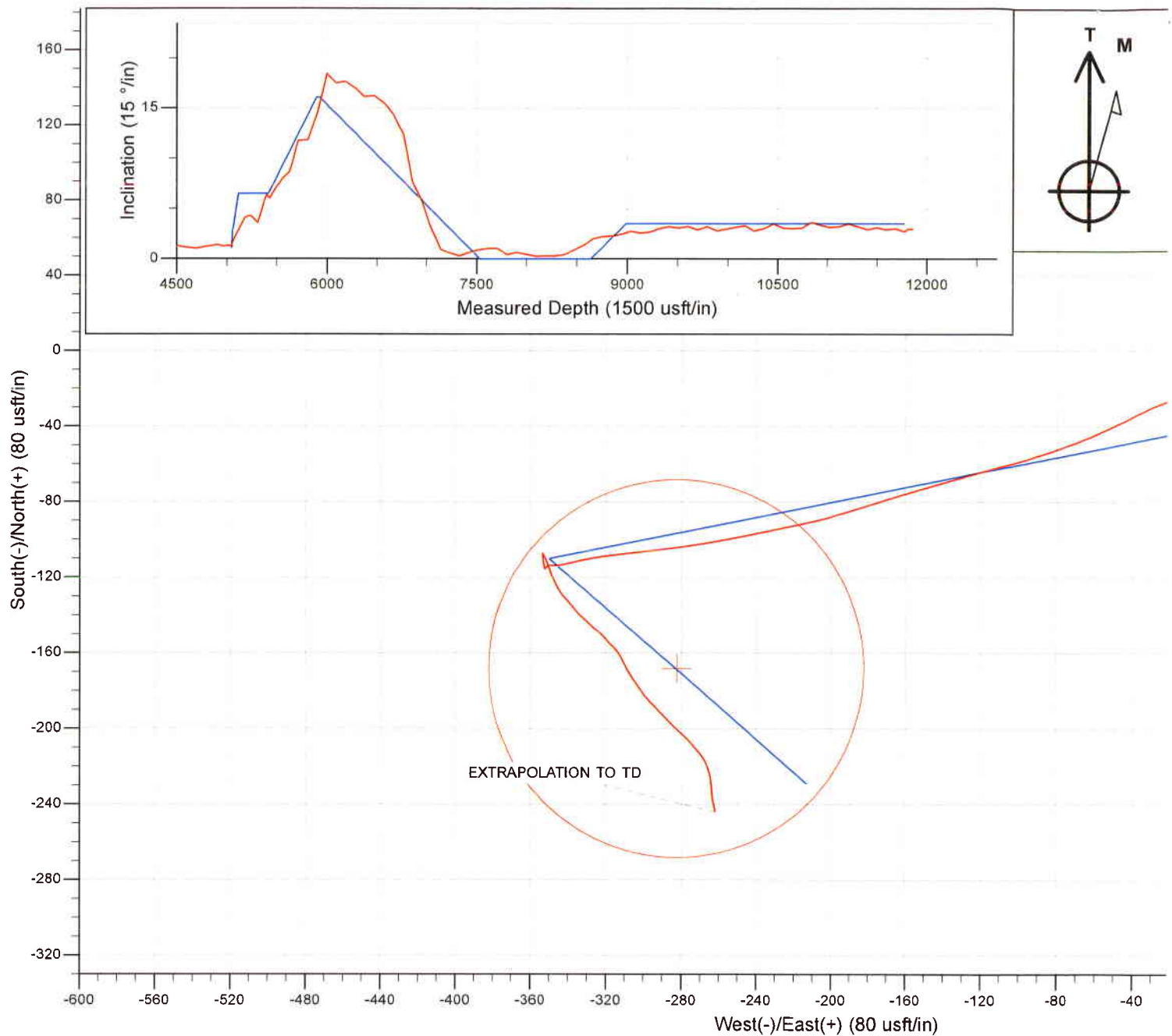
RW 14-18B

RE-ENTRY - JOB #2009-98

11 June, 2012

Survey: FINAL SURVEYS - RE-ENTRY





| ANNOTATIONS | | | | | | |
|-------------|---------|------|--------|--------|--------|-------|
| TVD | MD | Inc | Azi | +N/-S | +E/-W | VSect |
| 5039.4 | 5040.0 | 1.21 | 115.09 | -38.7 | 8.6 | 22.4 |
| 11809.9 | 11860.0 | 2.90 | 170.30 | -244.1 | -262.2 | 357.3 |

Survey Report



| | |
|--|--|
| Company: QEP ENERGY | Local Co-ordinate Reference: Well RW 14-18B |
| Project: RED WASH (UTAH) | TVD Reference: KB-EST @ 5478.5usft (Original Well Elev) |
| Site: RW 14-18B | MD Reference: KB-EST @ 5478.5usft (Original Well Elev) |
| Well: RW 14-18B | North Reference: True |
| Wellbore: RE-ENTRY - JOB #2009-98 | Survey Calculation Method: Minimum Curvature |
| Design: FINAL SURVEYS - RE-ENTRY | Database: EDM_5000_1_7 |

| | |
|---|-------------------------------------|
| Project RED WASH (UTAH) | |
| Map System: US State Plane 1983 | System Datum: Mean Sea Level |
| Geo Datum: North American Datum 1983 | |
| Map Zone: Utah Central Zone | Using geodetic scale factor |

| | | |
|---------------------------------------|------------------------------------|-------------------------------------|
| Site RW 14-18B | | |
| Site Position: | Northing: 7,250,098.43 usft | Latitude: 40° 12' 14.670 N |
| From: Lat/Long | Easting: 2,233,392.22 usft | Longitude: 109° 22' 36.332 W |
| Position Uncertainty: 0.0 usft | Slot Radius: 13-3/16" | Grid Convergence: 1.36 ° |

| | | | |
|-----------------------------|----------|------------------------------------|-------------------------------------|
| Well RW 14-18B | | | |
| Well Position +N/-S | 0.0 usft | Northing: 7,250,098.43 usft | Latitude: 40° 12' 14.670 N |
| +E/-W | 0.0 usft | Easting: 2,233,392.22 usft | Longitude: 109° 22' 36.332 W |
| Position Uncertainty | 0.0 usft | Wellhead Elevation: usft | Ground Level: 5,462.5 usft |

| | | | | | |
|---|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore RE-ENTRY - JOB #2009-98 | | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | IGRF2010 | 11/04/2012 | 10.95 | 66.04 | 52,371 |

| | | | | | |
|--|--------------------------------|--------------------------|---------------------|----------------------|--|
| Design FINAL SURVEYS - RE-ENTRY | | | | | |
| Audit Notes: | | | | | |
| Version: 1.0 | Phase: ACTUAL | Tie On Depth: 0.0 | | | |
| Vertical Section: | Depth From (TVD) (usft) | +N/-S (usft) | +E/-W (usft) | Direction (°) | |
| | 0.0 | 0.0 | 0.0 | 222.99 | |

| | | |
|-----------------------|------------------|------------------------------------|
| Survey Program | | Date 11/06/2012 |
| From (usft) | To (usft) | Survey (Wellbore) |
| 5,088.0 | 11,860.0 | FINAL SURVEYS - RE-ENTRY (RE-ENTF) |
| | | Tool Name MWD |
| | | Description MWD - Standard |

| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | Subsea Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|-----------------------|-----------------|-------------|-----------------------|---------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| TIE ON POINT | | | | | | | | | | |
| 5,040.0 | 1.21 | 115.09 | 5,039.4 | 439.1 | -38.7 | 8.6 | 22.4 | 0.00 | 0.00 | 0.00 |
| 5,088.0 | 2.28 | 334.04 | 5,087.4 | 391.1 | -38.1 | 8.6 | 21.9 | 6.89 | 2.23 | -293.85 |
| 5,176.0 | 4.00 | 352.67 | 5,175.3 | 303.2 | -33.4 | 7.5 | 19.4 | 2.25 | 1.95 | 21.17 |
| 5,209.0 | 4.17 | 351.26 | 5,208.2 | 270.3 | -31.1 | 7.2 | 17.9 | 0.60 | 0.52 | -4.27 |
| 5,241.0 | 4.22 | 338.17 | 5,240.1 | 238.4 | -28.9 | 6.5 | 16.7 | 2.99 | 0.16 | -40.91 |
| 5,304.0 | 3.52 | 308.28 | 5,302.9 | 175.6 | -25.5 | 4.2 | 15.8 | 3.34 | -1.11 | -47.44 |
| 5,335.0 | 4.44 | 290.62 | 5,333.9 | 144.6 | -24.5 | 2.3 | 16.4 | 4.91 | 2.97 | -56.97 |
| 5,367.0 | 5.49 | 275.41 | 5,365.8 | 112.7 | -23.9 | -0.4 | 17.8 | 5.23 | 3.28 | -47.53 |
| 5,398.0 | 6.33 | 267.94 | 5,396.6 | 81.9 | -23.8 | -3.6 | 19.9 | 3.67 | 2.71 | -24.10 |
| 5,430.0 | 5.98 | 266.89 | 5,428.4 | 50.1 | -24.0 | -7.0 | 22.3 | 1.15 | -1.09 | -3.28 |
| 5,461.0 | 6.55 | 263.35 | 5,459.2 | 19.3 | -24.3 | -10.4 | 24.8 | 2.22 | 1.84 | -11.42 |
| 5,492.0 | 7.08 | 259.68 | 5,490.0 | -11.5 | -24.8 | -14.0 | 27.7 | 2.21 | 1.71 | -11.84 |

Survey Report



| | | | |
|------------------|--------------------------|-------------------------------------|--|
| Company: | QEP ENERGY | Local Co-ordinate Reference: | Well RW 14-18B |
| Project: | RED WASH (UTAH) | TVD Reference: | KB-EST @ 5478.5usft (Original Well Elev) |
| Site: | RW 14-18B | MD Reference: | KB-EST @ 5478.5usft (Original Well Elev) |
| Well: | RW 14-18B | North Reference: | True |
| Wellbore: | RE-ENTRY - JOB #2009-98 | Survey Calculation Method: | Minimum Curvature |
| Design: | FINAL SURVEYS - RE-ENTRY | Database: | EDM_5000_1_7 |

Survey

| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | Subsea Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|-----------------------|-----------------|-------------|-----------------------|---------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 5,524.0 | 7.47 | 253.97 | 5,521.7 | -43.2 | -25.8 | -18.0 | 31.1 | 2.57 | 1.22 | -17.84 |
| 5,556.0 | 7.91 | 249.49 | 5,553.5 | -75.0 | -27.1 | -22.0 | 34.8 | 2.32 | 1.37 | -14.00 |
| 5,619.0 | 8.57 | 244.83 | 5,615.8 | -137.3 | -30.6 | -30.3 | 43.1 | 1.49 | 1.05 | -7.40 |
| 5,647.0 | 9.36 | 245.09 | 5,643.5 | -165.0 | -32.5 | -34.3 | 47.1 | 2.83 | 2.82 | 0.93 |
| 5,710.0 | 11.69 | 243.51 | 5,705.4 | -226.9 | -37.5 | -44.6 | 57.9 | 3.73 | 3.70 | -2.51 |
| 5,804.0 | 11.78 | 247.02 | 5,797.4 | -318.9 | -45.5 | -62.0 | 75.5 | 0.77 | 0.10 | 3.73 |
| 5,900.0 | 14.37 | 250.80 | 5,890.9 | -412.4 | -53.2 | -82.3 | 95.0 | 2.84 | 2.70 | 3.94 |
| 5,994.0 | 18.41 | 254.49 | 5,981.1 | -502.6 | -61.0 | -107.6 | 118.0 | 4.44 | 4.30 | 3.93 |
| 6,089.0 | 17.45 | 254.14 | 6,071.5 | -593.0 | -68.9 | -135.8 | 143.0 | 1.02 | -1.01 | -0.37 |
| 6,185.0 | 17.63 | 253.35 | 6,163.0 | -684.5 | -77.0 | -163.5 | 167.9 | 0.31 | 0.19 | -0.82 |
| 6,280.0 | 16.92 | 252.39 | 6,253.7 | -775.2 | -85.3 | -190.5 | 192.3 | 0.81 | -0.75 | -1.01 |
| 6,375.0 | 16.08 | 258.71 | 6,344.8 | -866.3 | -92.1 | -216.6 | 215.0 | 2.08 | -0.88 | 6.65 |
| 6,471.0 | 16.17 | 257.92 | 6,437.1 | -958.6 | -97.5 | -242.7 | 236.8 | 0.25 | 0.09 | -0.82 |
| 6,567.0 | 15.47 | 260.65 | 6,529.4 | -1,050.9 | -102.4 | -268.4 | 257.9 | 1.06 | -0.73 | 2.84 |
| 6,662.0 | 14.29 | 263.90 | 6,621.2 | -1,142.7 | -105.7 | -292.5 | 276.8 | 1.52 | -1.24 | 3.42 |
| 6,757.0 | 12.39 | 262.93 | 6,713.7 | -1,235.2 | -108.2 | -314.3 | 293.5 | 2.01 | -2.00 | -1.02 |
| 6,852.0 | 7.69 | 258.10 | 6,807.2 | -1,328.7 | -110.7 | -330.7 | 306.5 | 5.02 | -4.95 | -5.08 |
| 6,947.0 | 5.63 | 256.25 | 6,901.5 | -1,423.0 | -113.2 | -341.4 | 315.6 | 2.18 | -2.17 | -1.95 |
| 7,042.0 | 2.99 | 276.73 | 6,996.3 | -1,517.8 | -114.0 | -348.4 | 320.9 | 3.17 | -2.78 | 21.56 |
| 7,137.0 | 0.88 | 211.25 | 7,091.2 | -1,612.7 | -114.3 | -351.2 | 323.1 | 2.89 | -2.22 | -68.93 |
| 7,231.0 | 0.53 | 209.58 | 7,185.2 | -1,706.7 | -115.3 | -351.8 | 324.3 | 0.37 | -0.37 | -1.78 |
| 7,326.0 | 0.22 | 280.95 | 7,280.2 | -1,801.7 | -115.7 | -352.2 | 324.8 | 0.53 | -0.33 | 75.13 |
| 7,421.0 | 0.57 | 342.56 | 7,375.2 | -1,896.7 | -115.2 | -352.5 | 324.6 | 0.53 | 0.37 | 64.85 |
| 7,516.0 | 0.83 | 352.14 | 7,470.2 | -1,991.7 | -114.0 | -352.8 | 324.0 | 0.30 | 0.27 | 10.08 |
| 7,611.0 | 0.97 | 347.60 | 7,565.2 | -2,086.7 | -112.6 | -353.0 | 323.1 | 0.17 | 0.15 | -4.78 |
| 7,706.0 | 0.97 | 357.33 | 7,660.2 | -2,181.7 | -111.0 | -353.3 | 322.1 | 0.17 | 0.00 | 10.24 |
| 7,800.0 | 0.35 | 354.95 | 7,754.2 | -2,275.7 | -109.9 | -353.3 | 321.3 | 0.66 | -0.66 | -2.53 |
| 7,895.0 | 0.57 | 348.98 | 7,849.2 | -2,370.7 | -109.1 | -353.4 | 320.8 | 0.24 | 0.23 | -6.28 |
| 7,990.0 | 0.40 | 355.31 | 7,944.2 | -2,465.7 | -108.4 | -353.6 | 320.3 | 0.19 | -0.18 | 6.66 |
| 8,085.0 | 0.18 | 16.93 | 8,039.2 | -2,560.7 | -107.9 | -353.5 | 320.0 | 0.25 | -0.23 | 22.76 |
| 8,180.0 | 0.22 | 320.32 | 8,134.2 | -2,655.7 | -107.6 | -353.6 | 319.8 | 0.20 | 0.04 | -59.59 |
| 8,275.0 | 0.22 | 85.83 | 8,229.2 | -2,750.7 | -107.4 | -353.5 | 319.7 | 0.41 | 0.00 | 132.12 |
| 8,370.0 | 0.34 | 157.73 | 8,324.2 | -2,845.7 | -107.7 | -353.3 | 319.7 | 0.36 | 0.13 | 75.68 |
| 8,465.0 | 0.79 | 155.27 | 8,419.2 | -2,940.7 | -108.5 | -352.9 | 320.0 | 0.47 | 0.47 | -2.59 |
| 8,559.0 | 1.27 | 153.42 | 8,513.1 | -3,034.6 | -110.1 | -352.1 | 320.6 | 0.51 | 0.51 | -1.97 |
| 8,654.0 | 1.93 | 160.72 | 8,608.1 | -3,129.6 | -112.5 | -351.1 | 321.7 | 0.73 | 0.69 | 7.68 |
| 8,749.0 | 2.15 | 162.82 | 8,703.0 | -3,224.5 | -115.7 | -350.1 | 323.4 | 0.24 | 0.23 | 2.21 |
| 8,844.0 | 2.20 | 156.41 | 8,798.0 | -3,319.5 | -119.1 | -348.8 | 325.0 | 0.26 | 0.05 | -6.75 |
| 8,938.0 | 2.37 | 156.23 | 8,891.9 | -3,413.4 | -122.5 | -347.3 | 326.5 | 0.18 | 0.18 | -0.19 |
| 9,033.0 | 2.68 | 143.49 | 8,986.8 | -3,508.3 | -126.1 | -345.2 | 327.6 | 0.67 | 0.33 | -13.41 |
| 9,128.0 | 2.50 | 149.64 | 9,081.7 | -3,603.2 | -129.7 | -342.8 | 328.6 | 0.35 | -0.19 | 6.47 |
| 9,223.0 | 2.59 | 136.72 | 9,176.6 | -3,698.1 | -133.0 | -340.3 | 329.4 | 0.61 | 0.09 | -13.60 |
| 9,318.0 | 2.94 | 136.99 | 9,271.5 | -3,793.0 | -136.4 | -337.2 | 329.7 | 0.37 | 0.37 | 0.28 |
| 9,413.0 | 3.12 | 137.25 | 9,366.4 | -3,887.9 | -140.1 | -333.8 | 330.0 | 0.19 | 0.19 | 0.27 |
| 9,508.0 | 2.99 | 135.40 | 9,461.2 | -3,982.7 | -143.7 | -330.3 | 330.3 | 0.17 | -0.14 | -1.95 |
| 9,602.0 | 3.16 | 124.59 | 9,555.1 | -4,076.6 | -146.9 | -326.4 | 330.1 | 0.64 | 0.18 | -11.50 |
| 9,696.0 | 2.81 | 135.58 | 9,649.0 | -4,170.5 | -150.1 | -322.7 | 329.8 | 0.71 | -0.37 | 11.69 |
| 9,791.0 | 3.16 | 136.02 | 9,743.9 | -4,265.4 | -153.6 | -319.2 | 330.0 | 0.37 | 0.37 | 0.46 |
| 9,885.0 | 2.72 | 135.23 | 9,837.7 | -4,359.2 | -157.1 | -315.9 | 330.3 | 0.47 | -0.47 | -0.84 |
| 9,980.0 | 2.90 | 151.14 | 9,932.6 | -4,454.1 | -160.8 | -313.1 | 331.1 | 0.84 | 0.19 | 16.75 |
| 10,075.0 | 3.08 | 150.87 | 10,027.5 | -4,549.0 | -165.1 | -310.7 | 332.6 | 0.19 | 0.19 | -0.28 |
| 10,170.0 | 3.21 | 151.31 | 10,122.3 | -4,643.8 | -169.7 | -308.2 | 334.2 | 0.14 | 0.14 | 0.46 |
| 10,265.0 | 2.72 | 147.88 | 10,217.2 | -4,738.7 | -173.9 | -305.7 | 335.7 | 0.55 | -0.52 | -3.61 |

Survey Report



| | | | |
|------------------|--------------------------|-------------------------------------|--|
| Company: | QEP ENERGY | Local Co-ordinate Reference: | Well RW 14-18B |
| Project: | RED WASH (UTAH) | TVD Reference: | KB-EST @ 5478.5usft (Original Well Elev) |
| Site: | RW 14-18B | MD Reference: | KB-EST @ 5478.5usft (Original Well Elev) |
| Well: | RW 14-18B | North Reference: | True |
| Wellbore: | RE-ENTRY - JOB #2009-98 | Survey Calculation Method: | Minimum Curvature |
| Design: | FINAL SURVEYS - RE-ENTRY | Database: | EDM_5000_1_7 |

Survey

| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | Subsea Depth (usft) | +N-S (usft) | +E-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|----------------------------|-----------------|---------------|-----------------------|---------------------|---------------|---------------|-------------------------|-------------------------|------------------------|-----------------------|
| 10,360.0 | 2.94 | 143.58 | 10,312.1 | -4,833.6 | -177.8 | -303.1 | 336.7 | 0.32 | 0.23 | -4.53 |
| 10,455.0 | 3.43 | 143.84 | 10,407.0 | -4,928.5 | -182.0 | -299.9 | 337.7 | 0.52 | 0.52 | 0.27 |
| 10,550.0 | 2.99 | 137.25 | 10,501.8 | -5,023.3 | -186.1 | -296.6 | 338.4 | 0.60 | -0.46 | -6.94 |
| 10,644.0 | 2.94 | 135.23 | 10,595.7 | -5,117.2 | -189.7 | -293.2 | 338.7 | 0.12 | -0.05 | -2.15 |
| 10,739.0 | 2.99 | 136.81 | 10,690.5 | -5,212.0 | -193.2 | -289.8 | 338.9 | 0.10 | 0.05 | 1.66 |
| 10,834.0 | 3.56 | 135.75 | 10,785.4 | -5,306.9 | -197.1 | -286.1 | 339.2 | 0.60 | 0.60 | -1.12 |
| 10,928.0 | 3.30 | 133.47 | 10,879.2 | -5,400.7 | -201.1 | -282.1 | 339.4 | 0.31 | -0.28 | -2.43 |
| 11,023.0 | 3.08 | 130.83 | 10,974.1 | -5,495.6 | -204.6 | -278.1 | 339.3 | 0.28 | -0.23 | -2.78 |
| 11,118.0 | 3.16 | 140.24 | 11,068.9 | -5,590.4 | -208.3 | -274.5 | 339.6 | 0.55 | 0.08 | 9.91 |
| 11,213.0 | 3.43 | 138.57 | 11,163.8 | -5,685.3 | -212.4 | -271.0 | 340.2 | 0.30 | 0.28 | -1.76 |
| 11,308.0 | 3.16 | 150.70 | 11,258.6 | -5,780.1 | -216.8 | -267.8 | 341.2 | 0.79 | -0.28 | 12.77 |
| 11,403.0 | 2.86 | 163.44 | 11,353.5 | -5,875.0 | -221.4 | -265.9 | 343.2 | 0.77 | -0.32 | 13.41 |
| 11,498.0 | 3.03 | 166.25 | 11,448.4 | -5,969.9 | -226.1 | -264.6 | 345.8 | 0.23 | 0.18 | 2.96 |
| 11,594.0 | 2.86 | 179.79 | 11,544.2 | -6,065.7 | -231.0 | -264.0 | 349.0 | 0.74 | -0.18 | 14.10 |
| 11,687.0 | 2.94 | 173.02 | 11,637.1 | -6,158.6 | -235.7 | -263.7 | 352.2 | 0.38 | 0.09 | -7.28 |
| 11,782.0 | 2.64 | 167.83 | 11,732.0 | -6,253.5 | -240.2 | -262.9 | 355.0 | 0.41 | -0.32 | -5.46 |
| 11,805.0 | 2.90 | 170.30 | 11,755.0 | -6,276.5 | -241.3 | -262.7 | 355.6 | 1.24 | 1.13 | 10.74 |
| EXTRAPOLATION TO TD | | | | | | | | | | |
| 11,860.0 | 2.90 | 170.30 | 11,809.9 | -6,331.4 | -244.1 | -262.2 | 357.3 | 0.00 | 0.00 | 0.00 |

Targets

| Target Name | Dip Angle (°) | Dip Dir. (°) | TVD (usft) | +N-S (usft) | +E-W (usft) | Northing (usft) | Easting (usft) | Latitude | Longitude |
|---|---------------|--------------|------------|-------------|-------------|-----------------|----------------|------------------|-------------------|
| TARGET - RW 14-18i | 0.00 | 0.00 | 9,350.0 | -168.4 | -282.3 | 7,249,923.38 | 2,233,113.97 | 40° 12' 13.006 N | 109° 22' 39.971 W |
| - survey misses target center by 59.5usft at 9399.6usft MD (9353.0 TVD, -139.5 N, -334.3 E) | | | | | | | | | |
| - Circle (radius 100.0) | | | | | | | | | |

Survey Annotations

| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates | | Comment |
|-----------------------|-----------------------|-------------------|-------------|---------------------|
| | | +N-S (usft) | +E-W (usft) | |
| 5,040.0 | 5,039.4 | -38.7 | 8.6 | TIE ON POINT |
| 11,860.0 | 11,809.9 | -244.1 | -262.2 | EXTRAPOLATION TO TD |

Checked By: _____ Approved By: _____ Date: _____

Operations Summary Report

Well Name: RWU 14-18B
 Location: 18- 7-S 23-E 27
 Rig Name: FRONTIER

Spud Date: 4/12/2012
 Rig Release: 5/3/2012
 Rig Number: 2

| Date | From - To | Hours | Code | Sub Code | Description of Operations |
|-----------|---------------|-------|------|----------|---|
| 4/3/2012 | 06:00 - 18:00 | 12.00 | LOC | 3 | PJSM WITH ALL RIG CREWS & WESTROC PERSONEL RIG DOWN & MOVE TO NEW LOCATION, BACK YARD, MUD PITS, REMOVE DERRICK FROM FLOOR, SPLIT DRAWWORK, MOTOR SHED, CENTER STEEL, SUB STRUCTURE, DOG HOUSE, KOOMEY UNIT, CHOKE MANIFOLD, 100% RIG DOWN 90% MOVE RWU 14 -18B |
| | 18:00 - 06:00 | 12.00 | LOC | 3 | WAIT ON DAYLITES |
| 4/4/2012 | 06:00 - 18:00 | 12.00 | LOC | 4 | PJSM, WITH RIG CREW AND WESTROC PERSONEL RIG UP, SET MATS, SUB STRUCTURE, CENTER STEEL, ROTATE TABLE, DRAWWORKS, BACK YARD, MUD PITS, MOTOR SHED, DOG HOUSE, KOOMEY UNIT, CHOKE MANIFOLD, ASSEMBLE DERRICK, MAN CAMPS. 65% RIG UP 100% MOVED |
| | 18:00 - 06:00 | 12.00 | LOC | 4 | WAIT ON DAYLITES |
| 4/5/2012 | 06:00 - 18:00 | 12.00 | LOC | 4 | PJSM, WELD PAT EYES ON DERRICK, INSTALL CLAMPS ON DERRICK FOR TOP DRIVE AND SET DERRICK ON FLOOR AND PIN, RAISE A-LEGS |
| | 18:00 - 06:00 | 12.00 | LOC | 4 | CONTINUE FAB. GAS BUSTER LINES 70% RIG UP TOP DRIVE RIG UP 5% |
| 4/6/2012 | 06:00 - 09:30 | 3.50 | LOC | 4 | WAIT ON DAYLITES |
| | 09:30 - 10:30 | 1.00 | LOC | 4 | PJSM AND GET DERRICK READY TO RAISE & FABRICATE GAS BUSTER LINES AND CHOKE MANIFOLD LINES |
| | 10:30 - 06:00 | 19.50 | LOC | 4 | PJSM RAISE DERRICK |
| 4/7/2012 | 06:00 - 06:00 | 24.00 | LOC | 4 | RIG UP TORQUE TUBE FOR TOP DRIVE, HOOK UP ROTATE CHAIN, CHANGE LINER AND SWAPS IN PUMPS TO 5" MISCELLANEOUS RIG UP |
| 4/8/2012 | 06:00 - 20:00 | 14.00 | LOC | 4 | PJSM RIG TORQUE TUBE PICK UP TOP DRIVE FABRICATE BUSTER LINES, CHOKE LINES, MUD LINES FROM PUMPS TO POPOFF LINES HOOK UP FLARE LINES |
| | 20:00 - 06:00 | 10.00 | RIG | 2 | PJSM RIG TORQUE TUBE WORK ON TOP DRIVE HOOK UP BUSTER LINES, CHOKE LINES, FABRICATE MUD LINES FROM PUMPS TO POPOFF LINES |
| 4/9/2012 | 06:00 - 06:00 | 24.00 | RIG | 2 | HOOKE UP CHOKE LINES (PJSM WITH NIGHT CREW) CHANGE OUT KELLY HOSE TROUBLE SHOOT TOP DRIVE RECEIVED 390 JOINTS OF 3 1/2 DRILL PIPE 30 JOINTS HEAVY WEIGHT DRILL PIPE AND 6 DRILL COLLAR (STAND DOWN SAFETY MEETING TUESDAY APRIL 10) |
| 4/10/2012 | 06:00 - 09:00 | 3.00 | RIG | 2 | WAIT ON OMRON ELECTRIC |
| | 09:00 - 00:00 | 15.00 | RIG | 2 | WORK ON TOP DRIVE, ADJUST TRACK, RE PROGRAM SCR UNIT |
| | 00:00 - 06:00 | 6.00 | BOP | 2 | PJSM AND TEST BOP- ANNULAR 2500 PSI HIGH, 250 LOW. PIPE, BLIND AND HCR AND CHOKE MANIFOLD VALVES 5000 PSI HIGH, 250 LOW |
| 4/11/2012 | 06:00 - 07:00 | 1.00 | BOP | 2 | FUNTION TEST ACCUMALATOR |
| | 07:00 - 09:00 | 2.00 | RIG | 2 | TEST BOPE(TEST PIPE RAMS WITH 3 1/2 AND 4 1/2 DRILL PIPE) |
| | 09:00 - 10:00 | 1.00 | RIG | 1 | PJSM CHANGE OUT SWIVEL PACKING ON TOP DRIVE |
| | 10:00 - 11:00 | 1.00 | RIG | 7 | RIG SERVICE CHANGE OIL IN TOP DRIVE |
| | 11:00 - 13:00 | 2.00 | LOG | 4 | STAND DOWN SAFETY MEETING WITH ALL RIG HAND AND THIRD PARTY PERSONEL, FRONTIER SAFETY, SUPERINTENT AND QEPS SAFETY HAND |
| | 13:00 - 14:30 | 1.50 | OTH | | WIRE LINE GYRO |
| | 14:30 - 15:00 | 0.50 | RIG | 7 | TEST MUD PUMP LINE AND RESET POP OFF |
| | 15:00 - 21:30 | 6.50 | TRP | 1 | PJSM WITH RIG HANDS AND WETHERFORD PICK UP MACHINE |
| | 21:30 - 23:00 | 1.50 | CIRC | 1 | PICK UP BHA AND 3 1/2 DRILL PIPE TAGGED UP @5063' |
| | 23:00 - 01:00 | 2.00 | RIG | 2 | CIRCULATE BOTTOMS UP, RIG DOWN LAY DOWN TRUCK |
| | 01:00 - 04:00 | 3.00 | TRP | 2 | ADJUST TOP DRIVE TRACK AND CHANGE OUT BAILS |
| | 04:00 - 06:00 | 2.00 | RIG | 2 | TRIP OUT OF HOLE FOR WHIP STOCK |
| 4/12/2012 | 06:00 - 11:00 | 5.00 | RIG | 2 | CHANGE OUT BLOWER ON TOP DRIVE MOTOR |
| | | | | | RIG REPAIR INSTALL BLOWER MOTOR AND ADJUST TURN BUCKLES ON |

Operations Summary Report

Well Name: RWU 14-18B
 Location: 18- 7-S 23-E 27
 Rig Name: FRONTIER

Spud Date: 4/12/2012
 Rig Release: 5/3/2012
 Rig Number: 2

| Date | From - To | Hours | Code | Sub Code | Description of Operations |
|-----------|---------------|-------|------|----------|---|
| 4/12/2012 | 06:00 - 11:00 | 5.00 | RIG | 2 | TRACK ,CHANGE OUT DIES ON GRABBER BOX ,INSTALL NEW AELLEN BOLTS ON BELL CLAMPS |
| | 11:00 - 12:30 | 1.50 | DRL | 7 | PICK UP WHIPSTOCK AND ORIENT ANCHOR |
| | 12:30 - 17:00 | 4.50 | TRP | 2 | TRIP IN HOLE WITH WIP-STOCK ASSEMBLY |
| | 17:00 - 17:30 | 0.50 | LOG | 4 | RUN IN HOLE WITH GYRO |
| | 17:30 - 18:00 | 0.50 | DRL | 3 | ORIENT AND SET WHIP STOCK TOOL@253 AZ |
| | 18:00 - 19:00 | 1.00 | OTH | | SHEAR LOSS FROM WHIP STOCK, P.O.O.H WITH WIRE LINE AND RIG DOWN |
| | 19:00 - 02:30 | 7.50 | DRL | 7 | SET TORQUE ON TOP DRIVE AND MILL F/5049 T/5059 MADE 10' |
| | 02:30 - 04:30 | 2.00 | TRP | 2 | TRIP OUT OF HOLE FOR NEW MILLS |
| | 04:30 - 05:00 | 0.50 | TRP | 1 | CHANGE OUT MILLS |
| | 05:00 - 06:00 | 1.00 | RIG | 2 | CHANGE OUT BAILS TO LONGER ONES |
| 4/13/2012 | 06:00 - 10:00 | 4.00 | TRP | 2 | PJSM TRIP IN HOLE WITH MILL |
| | 10:00 - 13:30 | 3.50 | DRL | 1 | MILL FROM 5059 TO 5062 (3')(400 PSI) (90 RPM)(180 GPM) |
| | 13:30 - 14:30 | 1.00 | REAM | 1 | REAM OUT WINDOW |
| | 14:30 - 15:30 | 1.00 | RIG | 1 | RIG SERVICE TOP DRIVE |
| | 15:30 - 16:30 | 1.00 | RIG | 2 | RIG REPAIR REPLACE RAM AND ADJUST TOP DRIVE |
| | 16:30 - 21:00 | 4.50 | TRP | 2 | TRIP OUT FOR DIRECTIONAL TOOLS- LAY DOWN MILLING ASSEMBLY |
| | 21:00 - 23:30 | 2.50 | TRP | 1 | PICK UP DIRECTIONAL TOOLS AND ORIENT |
| | 23:30 - 03:00 | 3.50 | TRP | 10 | TRIP IN HOLE |
| | 03:00 - 05:00 | 2.00 | DRL | 3 | PJSM RIG UP SIDE ENTRY SUD RUN WIYH GRYO AND ORIENT |
| | 05:00 - 06:00 | 1.00 | DRL | 2 | SLIDE DRILL F/ 5062 TO 5064(ROP 2 ')(255 GPM) (66 DHRPM)(1100PSI) |
| 4/14/2012 | 06:00 - 16:00 | 10.00 | DRL | 2 | CONTROL DRILL F/ 5064 TO 5098 (3.4' PR HR) (GPM 255) (1400 PSI) (DRPM 66) |
| | 16:00 - 17:00 | 1.00 | OTH | | PJSM PULL OUT GYRO LINE AND CONNECTION RUN IN GRYO |
| | 17:00 - 17:30 | 0.50 | RIG | 1 | RIG SERVICE TOP DRIVE |
| | 17:30 - 19:30 | 2.00 | DRL | 2 | CONTROL DRILL F/ 5098 TO 5120(2' ROP)(GPM 255) (1400 PSI)(DRPM 66) |
| | 19:30 - 20:30 | 1.00 | OTH | | P.O.O.H WITH GYRO TOOL AND MAKE CONNECTION |
| | 20:30 - 21:00 | 0.50 | DRL | 2 | ROTATE DRILLING F/5120 T/5157 (74' PR HR)(GPM 255)(1400 PSI)(DRPM 66) |
| | 21:00 - 23:30 | 2.50 | OTH | | RUN IN HOLE WITH GYRO AND ORIENT TOOL. COULD NOT GET TO BOTTOM ON THE FIRST RUN DOTO A BENT CENTRILIZER |
| | 23:30 - 05:00 | 5.50 | DRL | 1 | CONTROL DRILLING F/5157 T/5189 (5.8'PR HR) (GPM 255)(1500 PSI)(DRPM 66) |
| | 05:00 - 06:00 | 1.00 | OTH | | P.O.O.H WITH GYRO AND MAKE CONNECTION AND SURVEY |
| | 06:00 - 07:30 | 1.50 | DRL | 2 | SLIDE DRILLF/ 5189T 5215 (24'=16 FPH)(255 GPM)(RPM 66)(1350 PSI) |
| 4/15/2012 | 07:30 - 08:30 | 1.00 | DRL | 1 | ROTATE DRILLF/ 5215 T5240 (25'=25FPH)(255 GPM)(RPM110)(1350PSI) |
| | 08:30 - 09:30 | 1.00 | DRL | 2 | SLIDE DRILLF/ 5240 T5255 (15'=15 FPH)(255 GPM)(RPM 66)(1350 PSI) |
| | 09:30 - 10:00 | 0.50 | DRL | 1 | ROTATE DRILLF/ 5255 T 5270 (15'=30 FPH)(255 GPM)(RPM110)(1350PSI) |
| | 10:00 - 11:00 | 1.00 | DRL | 2 | SLIDE DRILLF/ 5270 T 5286 (16'=16 FPH)(255 GPM)(RPM 66)(1350 PSI) |
| | 11:00 - 12:30 | 1.50 | DRL | 1 | ROTATE DRILLF/ 5286 T 5310 (36'=24 FPH)(255 GPM)(RPM110)(1350PSI) |
| | 12:30 - 13:30 | 1.00 | DRL | 2 | SLIDE DRILLF/ 5310 T 5330 (20'=20 FPH)(255 GPM)(RPM 66)(1350 PSI) |
| | 13:30 - 14:00 | 0.50 | DRL | 1 | ROTATE DRILLF/ 5330 T/5340 (10'=20 FPH)(255 GPM)(RPM110)(1350PSI) |
| | 14:00 - 14:30 | 0.50 | DRL | 2 | SLIDE DRILLF/ 5340 T/5349(9'=18 FPH)(255 GPM)(RPM 66)(1350 PSI) |
| | 14:30 - 15:00 | 0.50 | DRL | 1 | ROTATE DRILLF/ 5349 T/5364 (16'=32 FPH)(255 GPM)(RPM110)(1350PSI) |
| | 15:00 - 16:00 | 1.00 | DRL | 2 | SLIDE DRILLF/ 5364 T/5380(16'=16 FPH)(255 GPM)(RPM 66)(1350 PSI) |
| | 16:00 - 17:00 | 1.00 | RIG | 1 | RIG SERVICE |
| | 17:00 - 19:00 | 2.00 | DRL | 2 | SLIDE DRILLF/ 5380 T/395(15'=7.5FPH)(255 GPM)(RPM 66)(1350 PSI) |
| | 19:00 - 19:30 | 0.50 | DRL | 1 | ROTATE DRILLF/ 5395 T/5415 (20'=40 FPH)(255 GPM)(RPM110)(1350PSI) |
| | 19:30 - 21:00 | 1.50 | DRL | 2 | SLIDE DRILLF/ 5415 T/5424(9'=6 FPH)(255 GPM)(RPM 66)(1350 PSI) |
| | 21:00 - 21:30 | 0.50 | DRL | 1 | ROTATE DRILLF/ 5424 T/5445 (21'=42 FPH)(277 GPM)(RPM117)(1200PSI) |
| | 21:30 - 22:30 | 1.00 | DRL | 2 | SLIDE DRILLF/ 5445 T/5460(15'=15 FPH)(277GPM)(RPM 72)(1200 PSI) |
| | 22:30 - 23:00 | 0.50 | DRL | 1 | ROTATE DRILLF/ 5460 T/5472 (12'=24 FPH)(290 GPM)(RPM120)(1200PSI) |
| | 23:00 - 02:30 | 3.50 | CIRC | 1 | CIRCULATE ON CHOKE TO KILL WATER FLOW, RAISE MUD WEIGHT TO 10.1 PPG WATER FLOW STARTED @ 5422' |
| | 02:30 - 04:30 | 2.00 | DRL | 2 | SLIDE DRILLF/ 5472 T/5486 (14'=7'/HR FPH)(290GPM)(RPM 75)(1750 PSI) |

Operations Summary Report

Well Name: RWU 14-18B
 Location: 18- 7-S 23-E 27
 Rig Name: FRONTIER

Spud Date: 4/12/2012
 Rig Release: 5/3/2012
 Rig Number: 2

| Date | From - To | Hours | Code | Sub Code | Description of Operations |
|-----------|---------------|-------|------|----------|---|
| 4/15/2012 | 04:30 - 06:00 | 1.50 | RIG | 2 | REPAIR HYDRAULIC LINE ON TOP DRIVE |
| 4/16/2012 | 06:00 - 07:00 | 1.00 | RIG | 2 | WORK ON TOP DRIVE |
| | 07:00 - 09:00 | 2.00 | DRL | 2 | SLIDE DRILLF/ 5485 T/5501(16'=8 FPH)(278GPM)(RPM 75)(2000 PSI) |
| | 09:00 - 09:30 | 0.50 | DRL | 1 | ROTATE DRILLF/ 5501 T/5521 (20'=40 FPH)(278 GPM)(RPM120)(2000PSI) |
| | 09:30 - 11:30 | 2.00 | DRL | 2 | SLIDE DRILLF/ 5521 T/5537(16'=8 FPH)(278GPM)(RPM 75)(2000 PSI) |
| | 11:30 - 12:00 | 0.50 | DRL | 1 | ROTATE DRILLF/ 5537 T/5569 (32'=64 FPH)(278 GPM)(RPM120)(2000PSI) |
| | 12:00 - 12:30 | 0.50 | RIG | 1 | RIG SERVICE RIG AND TOP DRIVE |
| | 12:30 - 13:00 | 0.50 | DRL | 1 | ROTATE DRILLF/ 5569 T/5581 (12'=24 FPH)(278 GPM)(RPM120)(2000PSI) |
| | 13:00 - 15:30 | 2.50 | DRL | 2 | SLIDE DRILLF/ 5581 T/5601(20'=8 FPH)(278GPM)(RPM 75)(2000 PSI) |
| | 15:30 - 16:00 | 0.50 | DRL | 1 | ROTATE DRILLF/ 5601 T/5616 (15'=30 FPH)(278 GPM)(RPM120)(2000PSI) |
| | 16:00 - 18:00 | 2.00 | DRL | 2 | SLIDE DRILLF/ 5616 T/5634(18'=9 FPH)(278GPM)(RPM 75)(2000 PSI) |
| | 18:00 - 18:30 | 0.50 | DRL | 1 | ROTATE DRILLF/ 5634 T/5643 (9'=18 FPH)(278 GPM)(RPM120)(2000PSI) |
| | 18:30 - 20:00 | 1.50 | DRL | 2 | SLIDE DRILLF/ 5643 T/5658(15'=10 FPH)(278GPM)(RPM 75)(2000 PSI) |
| | 20:00 - 20:30 | 0.50 | DRL | 1 | ROTATE DRILLF/ 5658 T/5661 (3'=50 FPH)(278 GPM)(RPM120)(2000PSI) |
| | 20:30 - 22:00 | 1.50 | CIRC | 1 | CIRCULATE AND CONDITION HOLE FOR TRIP-SPOT ECD PILL |
| | 22:00 - 00:30 | 2.50 | TRP | 10 | TRIP OUT OF HOLE TO CHANGE MOTOR BEND |
| | 00:30 - 02:00 | 1.50 | TRP | 1 | CHANGE OUT MOTOR AND BIT, CHECK MWD TOOLS |
| | 02:00 - 05:00 | 3.00 | TRP | 1 | TRIP IN HOLE FILL PIPE |
| | 05:00 - 05:30 | 0.50 | CIRC | 1 | CIRCULATE OUT WATER FLOW THUR CHOKE |
| | 05:30 - 06:00 | 0.50 | TRP | 2 | TRIP IN HOLE |
| 4/17/2012 | 06:00 - 06:30 | 0.50 | DRL | 1 | ROTATE DRILLF/ 5661T5671 (10'=20 FPH)(278 GPM)(RPM120)(2000PSI) |
| | 06:30 - 07:00 | 0.50 | DRL | 2 | SLIDE DRILLF/ 5671T 5684(13'=26 FPH)(278GPM)(RPM 75)(2000 PSI) |
| | 07:00 - 07:30 | 0.50 | DRL | 1 | ROTATE DRILLF/ 5684T5700 (16'=32 FPH)(278 GPM)(RPM120)(2000PSI) |
| | 07:30 - 08:30 | 1.00 | DRL | 2 | SLIDE DRILLF/ 5700T 5713(13'=13 FPH)(278GPM)(RPM 75)(2000 PSI) |
| | 08:30 - 09:00 | 0.50 | DRL | 1 | ROTATE DRILLF/ 5713T5737 (24'=48 FPH)(278 GPM)(RPM120)(2000PSI) |
| | 09:00 - 09:30 | 0.50 | DRL | 2 | SLIDE DRILLF/ 5737T 5742(5'=10 FPH)(278GPM)(RPM 75)(2000 PSI) |
| | 09:30 - 10:00 | 0.50 | DRL | 1 | ROTATE DRILLF/ 5742T5771 (29'=58 FPH)(278 GPM)(RPM120)(2000PSI) |
| | 10:00 - 10:30 | 0.50 | DRL | 2 | SLIDE DRILLF/ 5771T 5781(10'=20 FPH)(278GPM)(RPM 75)(2000 PSI) |
| | 10:30 - 11:30 | 1.00 | DRL | 1 | ROTATE DRILLF/ 5781T5801 (20'=20 FPH)(278 GPM)(RPM120)(2000PSI) |
| | 11:30 - 12:30 | 1.00 | DRL | 2 | SLIDE DRILLF/ 5801T 5808(7'=7 FPH)(278GPM)(RPM 75)(2000 PSI) |
| | 12:30 - 13:00 | 0.50 | DRL | 1 | ROTATE DRILLF/ 5808T5821 (13'=26 FPH)(278 GPM)(RPM120)(2000PSI) |
| | 13:00 - 14:00 | 1.00 | DRL | 2 | SLIDE DRILLF/ 5821T 5839(18'=18 FPH)(278GPM)(RPM 75)(2000 PSI) |
| | 14:00 - 14:30 | 0.50 | DRL | 1 | ROTATE DRILLF/ 5839T5850 (11'=22 FPH)(278 GPM)(RPM120)(2000PSI) |
| | 14:30 - 15:30 | 1.00 | RIG | 1 | RIG SERVICE |
| | 15:30 - 16:00 | 0.50 | DRL | 1 | ROTATE DRILLF/ 5850T5858 (8'=16FPH)(278 GPM)(RPM120)(2000PSI) |
| | 16:00 - 18:00 | 2.00 | DRL | 2 | SLIDE DRILLF/ 5858T 5882(24'=12 FPH)(278GPM)(RPM 75)(2000 PSI) |
| | 18:00 - 19:30 | 1.50 | DRL | 2 | SLIDE DRILLF/ 5882 T/5892(10'=6.6FPH)(278GPM)(RPM 75)(2000 PSI) |
| | 19:30 - 20:00 | 0.50 | DRL | 1 | ROTATE DRILLF/ 5892 T/5916 (24'=48FPH)(278 GPM)(RPM120)(2000PSI) |
| | 20:00 - 21:30 | 1.50 | DRL | 2 | SLIDE DRILLF/ 5916 T/5934(18'=12FPH)(278GPM)(RPM 75)(2000 PSI) |
| | 21:30 - 22:00 | 0.50 | DRL | 1 | ROTATE DRILLF/ 5934 T/5943 (9'=18FPH)(278 GPM)(RPM120)(2150PSI) |
| | 22:00 - 23:30 | 1.50 | DRL | 2 | SLIDE DRILLF/ 5943 T/5958(15'=10FPH)(278GPM)(RPM 75)(2150 PSI) |
| | 23:30 - 00:00 | 0.50 | DRL | 1 | ROTATE DRILLF/ 5958 T/5978 (20'=40FPH)(278 GPM)(RPM120)(2150PSI) |
| | 00:00 - 02:00 | 2.00 | DRL | 2 | SLIDE DRILLF/ 5978 /5991(13'=6.5FPH)(278GPM)(RPM 75)(2200 PSI) |
| | 02:00 - 06:00 | 4.00 | DRL | 1 | ROTATE DRILLF/ 5991 T/6180 (189'=47.3FPH)(278 GPM)(RPM120)(2450PSI) |
| 4/18/2012 | 06:00 - 07:30 | 1.50 | DRL | 1 | ROTATE DRILLF/ 6180 T/6276 (96'=64FPH)(278 GPM)(RPM120)(2450PSI) |
| | 07:30 - 08:30 | 1.00 | DRL | 2 | SLIDE DRILLF/ 6276/6282(6'=6FPH)(278GPM)(RPM 75)(2200 PSI) |
| | 08:30 - 09:00 | 0.50 | DRL | 1 | ROTATE DRILLF/ 6282 /6290 (8'=16FPH)(278 GPM)(RPM120)(2450PSI) |
| | 09:00 - 10:00 | 1.00 | DRL | 2 | SLIDE DRILLF/ 6290/6300(10'=10FPH)(278GPM)(RPM 75)(2200 PSI) |
| | 10:00 - 11:30 | 1.50 | DRL | 1 | ROTATE DRILLF/ 6300/6334 (34'=22'.6FPH)(278 GPM)(RPM120)(2450PSI) |
| | 11:30 - 12:30 | 1.00 | DRL | 2 | SLIDE DRILLF/ 6334/6372(38'=38FPH)(278GPM)(RPM 75)(2200 PSI) |
| | 12:30 - 13:00 | 0.50 | DRL | 1 | ROTATE DRILLF/ 6372/ 6424 (52'=104FPH)(278 GPM)(RPM120)(2450PSI) |
| | 13:00 - 14:00 | 1.00 | RIG | 1 | RIG SERVICE AND TOP DRIVE SERVICE |
| | 14:00 - 14:30 | 0.50 | DRL | 1 | ROTATE DRILLF/ 6421/ 6451 (30'=60'FPH)(278 GPM)(RPM120)(2450PSI) |

Operations Summary Report

Well Name: RWU 14-18B
 Location: 18- 7-S 23-E 27
 Rig Name: FRONTIER

Spud Date: 4/12/2012
 Rig Release: 5/3/2012
 Rig Number: 2

| Date | From - To | Hours | Code | Sub Code | Description of Operations |
|---------------|---------------|---------------|------|---|---|
| 4/18/2012 | 14:30 - 15:30 | 1.00 | DRL | 2 | SLIDE DRILLF/ 6451/ 6466'(15'=15'FPH)(278GPM)(RPM 75)(2200 PSI) |
| | 15:30 - 16:00 | 0.50 | DRL | 1 | ROTATE DRILLF/ 6466'/ 6478' (12'=24'FPH)(278 GPM)(RPM120)(2450PSI) |
| | 16:00 - 17:00 | 1.00 | DRL | 2 | SLIDE DRILLF/ 6478 / 6488'(15'=15'FPH)(278GPM)(RPM 75)(2200 PSI) |
| | 17:00 - 18:00 | 1.00 | DRL | 1 | ROTATE DRILLF/ 6488'/ 6535' (47'=47'FPH)(278 GPM)(RPM120)(2450PSI) |
| | 18:00 - 22:00 | 4.00 | DRL | 2 | SLIDE DRILLF/ 6535 T/6570'(135'=8.8FPH)(278GPM)(RPM 66)(2200 PSI) |
| | 22:00 - 22:30 | 0.50 | DRL | 1 | ROTATE DRILLF/ 6570 T/6575' (5'=10'FPH)(278 GPM)(RPM120)(2450PSI) |
| | 22:30 - 23:30 | 1.00 | DRL | 2 | SLIDE DRILLF/ 6675 T6590'(15'=15'FPH)(278GPM)(RPM 66)(2200 PSI) |
| | 23:30 - 01:00 | 1.50 | DRL | 1 | ROTATE DRILLF/ 6590 T/6610 (20'=40'FPH)(278 GPM)(RPM120)(2450PSI) |
| | 01:00 - 06:00 | 5.00 | DRL | 2 | SLIDE DRILLF/ 6610 T/6717(107'=21.4FPH)(66GPM)(RPM70)(2200 PSI) |
| | 4/19/2012 | 06:00 - 07:30 | 1.50 | DRL | 2 |
| 07:30 - 08:00 | | 0.50 | DRL | 1 | ROTATE DRILLF/ 6738 T/6743 (5'=10'FPH)(278 GPM)(RPM120)(2450PSI) |
| 08:00 - 10:30 | | 2.50 | DRL | 2 | SLIDE DRILLF/ 6743T/6768(25'=10'FPH)(266GPM)(DHRPM 66)(2200 PSI) |
| 10:30 - 12:30 | | 2.00 | DRL | 2 | ROTATE DRILLF/ 6768 T/6786 18'=9'FPH)(278 GPM)(RPM120)(2450PSI) |
| 12:30 - 13:30 | | 1.00 | TRP | 10 | TRIP OUT FOR BIT TO 5288, UNABLE TO SLIDE |
| 13:30 - 15:00 | | 1.50 | REAM | 1 | WASH REAM OUT FROM 5288 TO 5060 |
| 15:00 - 15:30 | | 0.50 | CIRC | 1 | FLOW CHECK FLOWING 20 BBLS/HR, SPOT 25 BBLS OF 13.0 PPG ECD & PUMP SLUG |
| 15:30 - 17:30 | | 2.00 | TRP | 10 | CONTINUE TRIP OUT FOR BIT |
| 17:30 - 18:00 | | 0.50 | OTH | | FUNCTION TEST BOP |
| 18:00 - 19:30 | | 1.50 | TRP | 1 | BREAK OFF BIT, L/D MUD MOTOR, P/U MUD MOTOR 1.83 ORIENT DIR TOOLS |
| | | | | | CHECK MWD TEST W/ 209 GPM 420 PSI |
| 19:30 - 22:00 | | 2.50 | TRP | 2 | M/U BIT & T.I.H TO 4990' |
| 4/20/2012 | | 22:00 - 00:30 | 2.50 | RIG | 2 |
| | 00:30 - 02:30 | 2.00 | CIRC | 1 | TRIP OUT TO 2800' TRY TO ESTABLISH CIRCULATION LOST RETURN |
| | 02:30 - 04:00 | 1.50 | TRP | 2 | TRIP IN HOLE TO SHOE @ 5045 |
| | 04:00 - 06:00 | 2.00 | CIRC | 1 | SPOT 70 BBLS LCM PILL @ 15 P/BBLS AFTER PUMPING 60 BBLS HAD SOME RETURNS |
| | 06:00 - 08:00 | 2.00 | CIRC | 1 | CIRC BOTTOM UP @ 5080' & BUILD VOLUME |
| | 08:00 - 09:00 | 1.00 | TRP | 2 | TRIP IN HOLE F/ 5080' TO 6786' |
| | 09:00 - 10:00 | 1.00 | CIRC | 1 | CIRCULATE OUT GAS W/ 15' FLARE NO LOSSES |
| | 10:00 - 11:00 | 1.00 | DRL | 2 | SLIDE DRILLF/ 6786T/6802(16'=16'FPH)(266GPM)(DHRPM 69)(2200 PSI)(WOB10-15K)(DIFF PRESS 100-175) |
| | 11:00 - 11:30 | 0.50 | RIG | 1 | LUBRICATE RIG |
| | 11:30 - 13:30 | 2.00 | RIG | 2 | CHANGE OUT BLOWER MOTOR ON TOP DRIVE |
| | 13:30 - 14:00 | 0.50 | DRL | 1 | ROTATE DRILLF/ 6802 T/6817 (15'=30'FPH)(266 GPM)(RPM124)(2250PSI)(WOB 15-18) |
| | 14:00 - 15:00 | 1.00 | DRL | 2 | SLIDE DRILLF/ 6817T/6832(15'=15'FPH)(266GPM)(DHRPM 69)(2200 PSI)(WOB10-15K)(DIFF PRESS 100-175) |
| | 15:00 - 16:00 | 1.00 | DRL | 1 | ROTATE DRILLF/ 6832 T/6857 (22'=22'FPH)(266 GPM)(RPM124)(2250PSI)(WOB 15-18) |
| | 16:00 - 17:00 | 1.00 | DRL | 2 | SLIDE DRILLF/ 6857T/6872(15'=15'FPH)(266GPM)(DHRPM 69)(2200 PSI)(WOB10-15K)(DIFF PRESS 100-175) |
| 17:00 - 19:00 | 2.00 | DRL | 1 | ROTATE DRILLF/ 6872 T/6929(57'=28.5'FPH)(266GPM)(RPM124)(2250PSI)(WOB 15-18) | |
| 19:00 - 21:00 | 2.00 | DRL | 2 | SLIDE DRILLF/ 6929T/6950(21'=10.5'FPH)(266GPM)(DHRPM 69)(2200 PSI)(WOB10-15K)(DIFF PRESS 100-175) | |
| 21:00 - 23:00 | 2.00 | DRL | 1 | ROTATE DRILLF/ 6950 T/6992(42'=21'FPH)(266GPM)(RPM124)(2250PSI)(WOB 15-18) | |
| 23:00 - 23:30 | 0.50 | DRL | 2 | SLIDE DRILLF/ 6992T/7007(15'=30'FPH)(266GPM)(DHRPM 69)(2200 PSI)(WOB10-15K)(DIFF PRESS 100-175) | |
| 23:30 - 00:00 | 0.50 | DRL | 1 | ROTATE DRILLF/ 7007 T/7025(18'=36'FPH)(266GPM)(RPM124)(2250PSI)(WOB 15-18) | |
| 00:00 - 01:30 | 1.50 | DRL | 2 | SLIDE DRILLF/ 7025T/7043(18'=12'FPH)(266GPM)(DHRPM 69)(2200 | |

Operations Summary Report

Well Name: RWU 14-18B
 Location: 18- 7-S 23-E 27
 Rig Name: FRONTIER

Spud Date: 4/12/2012
 Rig Release: 5/3/2012
 Rig Number: 2

| Date | From - To | Hours | Code | Sub Code | Description of Operations |
|-----------|---------------|-------|------|----------|--|
| 4/20/2012 | 00:00 - 01:30 | 1.50 | DRL | 2 | PSI)(WOB10-15K)(DIFF PRESS 100-175) |
| | 01:30 - 03:00 | 1.50 | DRL | 1 | ROTATE DRILLF/ 7043 T/7097(54'=36FPH)(266GPM)(RPM124)(2250PSI)(WOB 15-18) |
| | 03:00 - 05:00 | 2.00 | DRL | 2 | SLIDE DRILLF/ 7097T/7122(25'=12.5FPH)(266GPM)(DHRPM 69)(2200 PSI)(WOB10-15K)(DIFF PRESS 100-175) |
| 4/21/2012 | 05:00 - 06:00 | 1.00 | DRL | 1 | ROTATE DRILLF/ 7122 T/7167(45'=45FPH)(266GPM)(RPM124)(2250PSI)(WOB 15-18) |
| | 06:00 - 14:00 | 8.00 | DRL | 1 | ROTATE DRIL/7167/7466(299'=37.3FPH)(266GPM)(RPM124)(2550PSI)(WOB 15-18) |
| | 14:00 - 14:30 | 0.50 | RIG | 1 | LUBRICATE RIG & TOP DRIVE |
| 4/22/2012 | 14:30 - 06:00 | 15.50 | DRL | 1 | ROTATE DRIL/7466/8067(601'=38.7FPH)(280GPM)(RPM128)(2790PSI)(WOB 15-20) |
| | 06:00 - 12:30 | 6.50 | DRL | 1 | ROTATE DRIL/8067/8225(158'=24.3FPH)(280GPM)(RPM128)(3100PSI)(WOB 15-20) (MUD LOST @ 8185' 160BBLS) |
| | 12:30 - 13:00 | 0.50 | RIG | 1 | LUBRICATE RIG & TOP DRIVE |
| 4/23/2012 | 13:00 - 06:00 | 17.00 | DRL | 1 | ROTATE DRIL/8225/8876(651'=38.2FPH)(280GPM)(RPM128)(3100PSI)(WOB 15-20) |
| | 06:00 - 09:30 | 3.50 | DRL | 1 | ROTATE DRIL/8876/8998(122'=34.8FPH)(280GPM)(RPM128)(3150PSI)(WOB 15-20) (MUD LOST @ 8950' 140BBLS) |
| | 09:30 - 10:30 | 1.00 | DRL | 2 | SLIDE DRILLF/ 8998T/9006(8'=8FPH)(280GPM)(DHRPM 73)(3100 PSI)(WOB10-15K)(DIFF PRESS 100-175) |
| 4/24/2012 | 10:30 - 14:30 | 4.00 | DRL | 1 | ROTATE DRIL/9006/9173(167'=41.7FPH)(280GPM)(RPM128)(3150PSI)(WOB 15-20) (MUD LOST 75 BBLS) |
| | 14:30 - 15:00 | 0.50 | RIG | 1 | LUBRICATE RIG & TOP DRIVE |
| | 15:00 - 16:00 | 1.00 | DRL | 1 | ROTATE DRIL/9173/9191(18'=18FPH)(280GPM)(RPM128)(3150PSI)(WOB 15-20) |
| | 16:00 - 17:00 | 1.00 | DRL | 2 | SLIDE DRILLF/ 9191T/9201(10'=10FPH)(280GPM)(DHRPM 73)(3100 PSI)(WOB10-15K)(DIFF PRESS 100-175) |
| | 17:00 - 19:30 | 2.50 | DRL | 1 | ROTATE DRIL/9201/9268(67'=26.8FPH)(280GPM)(RPM128)(3150PSI)(WOB 15-22) |
| | 19:30 - 20:30 | 1.00 | CIRC | 1 | CIRCULATE WHILE MIX SLUG & FLOW CHECK PUMP SLUG |
| | 20:30 - 22:30 | 2.00 | TRP | 2 | P.O.O.H TO CHANGE BIT & MUD MOTOR TO 5061' |
| | 22:30 - 23:00 | 0.50 | CIRC | 1 | CIRCULATE BOTTOMS UP AT WINDOW, 39 BBLS WATER BACK TO SURFACE |
| | 23:00 - 01:30 | 2.50 | TRP | 10 | P.O.O.H. FOR BIT,CHECK FLOW AT BHA NO FLOW |
| | 01:30 - 03:00 | 1.50 | TRP | 1 | CHANGE OUT BIT AND MOTOR, SCRIBE MWD |
| 4/24/2012 | 03:00 - 06:00 | 3.00 | TRP | 10 | TRIP IN HOLE TO 2500 & SHOE CIRC BOTTOMS UP TO CLEAR ECD PILL |
| | 06:00 - 06:30 | 0.50 | CIRC | 1 | CIRCULATE OUT ECD PILL |
| | 06:30 - 08:00 | 1.50 | RIG | 6 | SLIP & CUT DRILL LINE |
| | 08:00 - 08:30 | 0.50 | RIG | 1 | LUBRICATE RIG & TOP DRIVE |
| | 08:30 - 09:30 | 1.00 | TRP | 2 | T.I.H TO 5,910' WELL FLOWING GAIN 30BBLS |
| | 09:30 - 10:30 | 1.00 | CIRC | 1 | CIRCULATE OUT GAS THUR CHOKE W/30 BBLS OF WATER BACK W/ 20' FLARE |
| | 10:30 - 11:00 | 0.50 | TRP | 2 | CHANGE OUT ROT HEAD RUBBER |
| | 11:00 - 12:30 | 1.50 | TRP | 2 | T.I.H TO 9180' |
| | 12:30 - 13:00 | 0.50 | REAM | 1 | WASH & REAM F/9180' TO 9268' 20' FILL |
| | 13:00 - 16:00 | 3.00 | DRL | 1 | ROTATE DRIL/9268/9385(117'=39'FPH)(280GPM)(RPM133)(3450PSI)(WOB 15-20) |
| 4/24/2012 | 16:00 - 17:00 | 1.00 | DRL | 2 | SLIDE DRILLF/ 9385T/9393(8'=8FPH)(280GPM)(DHRPM 73)(3050 PSI)(WOB10-15K)(DIFF PRESS 75-125) |
| | 17:00 - 19:00 | 2.00 | DRL | 1 | ROTATE DRIL/9393/9473(80'=40'FPH)(280GPM)(RPM133)(3450PSI)(WOB 15-20) |
| | 19:00 - 21:00 | 2.00 | DRL | 2 | SLIDE DRILLF/ 9473T/9483(10'=5FPH)(280GPM)(DHRPM 73)(3050 PSI)(WOB10-15K)(DIFF PRESS 75-125) |

Operations Summary Report

Well Name: RWU 14-18B
 Location: 18- 7-S 23-E 27
 Rig Name: FRONTIER

Spud Date: 4/12/2012
 Rig Release: 5/3/2012
 Rig Number: 2

| Date | From - To | Hours | Code | Sub Code | Description of Operations |
|-----------|---------------|-------|------|----------|---|
| 4/24/2012 | 21:00 - 02:30 | 5.50 | DRL | 1 | ROTATE DRIL/9483'/9647'(164'=29.8'FPH)(242GPM)(RPM127)(2908PSI)(WOB 15-20) |
| | 02:30 - 03:30 | 1.00 | RIG | 1 | RECALIBRATE ALL TOP DRIVE SETTINGS |
| | 03:30 - 06:00 | 2.50 | DRL | 1 | ROTATE DRIL/9647'/9741'(94'=37.6'FPH)(242GPM)(RPM127)(2908PSI)(WOB 15-20) |
| 4/25/2012 | 06:00 - 16:00 | 10.00 | DRL | 1 | ROTATE DRIL/9741'/10025'(284'=28.4'FPH)(265GPM)(RPM129)(3250PSI)(WOB 15-20) |
| | 16:00 - 16:30 | 0.50 | RIG | 1 | LUBRICATE RIG & TOP DRIVE |
| | 16:30 - 02:30 | 10.00 | DRL | 1 | ROTATE DRIL/100025'/10419'(394'=39.4'FPH)(265GPM)(RPM129)(3250PSI) (WOB 15-20) |
| 4/26/2012 | 02:30 - 04:30 | 2.00 | CIRC | 1 | CIRCULATE WORK TIGHT HOLE AT CONNECTION, ATTEMPT TO DRILL MOTOR STALLING, PUMP OUT TWO STANDS, BUILD & PUMP SLUG |
| | 04:30 - 06:00 | 1.50 | TRP | 12 | TRIP OUT FOR MOTOR STALL |
| | 06:00 - 08:30 | 2.50 | TRP | 2 | WORK TIGHT SPOT @ 8800' & P.O.O.H TO 5080' |
| | 08:30 - 09:00 | 0.50 | CIRC | 1 | FLOW CHECK CIRCULATE & SPOT 25 BBLs ECD PILL 12.7 PPG & PUMP SLUG |
| | 09:00 - 12:00 | 3.00 | TRP | 2 | P.O.O.H BREAK OFF BIT, L/D MUD MOTOR, MWD & P/U NEW MOTOR FUNCTION TEST BOP |
| | 12:00 - 13:00 | 1.00 | TRP | 1 | SCRIBE MOTOR, MWD & TEST W/ 70 SPM 265 PSI & M/U BIT |
| | 13:00 - 15:00 | 2.00 | TRP | 2 | T.I.H W/ BHA & DRILL PIPE TO 3000' |
| | 15:00 - 15:30 | 0.50 | CIRC | 1 | CIRCULATE B/U @ 3000' |
| | 15:30 - 16:30 | 1.00 | TRP | 2 | T.I.H. TO 5080' |
| | 16:30 - 17:00 | 0.50 | CIRC | 1 | CIRCULATE OUT ECD PILL 2 5080' |
| | 17:00 - 19:00 | 2.00 | TRP | 2 | T.I.H TO 8809' FILL PIPE 7500' |
| | 19:00 - 19:30 | 0.50 | REAM | 1 | WASH & REAM F/8800' TO 8890' |
| | 19:30 - 20:00 | 0.50 | TRP | 2 | T.I.H TO 10,213 |
| | 20:00 - 20:30 | 0.50 | REAM | 1 | SAFTEY REAM FROM 10,213 TO 10,419 |
| | 20:30 - 22:00 | 1.50 | DRL | 1 | ROTATE DRIL/10,419'/10,500'(81'=54'FPH)(275GPM)(RPM134)(3250PSI) (WOB 15-20) |
| 4/27/2012 | 22:00 - 22:30 | 0.50 | RIG | 1 | DAILY RIG SERVICE |
| | 22:30 - 06:00 | 7.50 | DRL | 1 | ROTATE DRIL/10,500'/10,816'(316'=42'FPH)(275GPM)(RPM134)(3250PSI) (WOB 15-20) |
| | 06:00 - 15:30 | 9.50 | DRL | 1 | ROTATE DRIL/10,816'/11,258'(442'=46.5'FPH)(265GPM)(RPM130)(3350PSI) (WOB 5-20) |
| | 15:30 - 16:00 | 0.50 | RIG | 1 | LUBRICATE RIG & TOP DRIVE |
| | 16:00 - 19:00 | 3.00 | DRL | 1 | ROTATE DRIL/11,258'/11,355'(97'=32'FPH)(265GPM)(RPM130)(3350PSI) (WOB 5-20) |
| | 19:00 - 19:30 | 0.50 | OTH | | TROUBLE SHOOT MWD NO COMMUNICATION |
| | 19:30 - 00:00 | 4.50 | DRL | 1 | ROTATE DRIL/11,355'/11,500'(145'=32'FPH)(265GPM)(RPM130)(3350PSI) (WOB 5-20) |
| 4/28/2012 | 00:00 - 02:00 | 2.00 | RIG | 2 | WORK ON BOTH PUMPS, #1 PUMP REPLACE SUCTION VALVE STEM SHEARED, #2 REPLACE PULSATION DAMPNER GAUGE |
| | 02:00 - 06:00 | 4.00 | | | ROTATE DRIL/11,500'/11,1586,(86'=21.5'FPH)(265GPM)(RPM130) (3350PSI) (WOB 5-20) |
| | 06:00 - 17:00 | 11.00 | DRL | 1 | ROTATE DRIL/11,586'/11,795,(209'=19'FPH)(265GPM)(RPM130) (3350PSI) (WOB 5-20) DRILL SINGLES AND P/U RE-LOG GAMMA |
| | 17:00 - 18:00 | 1.00 | RIG | 7 | HELD SAFETY STAND DOWN MEETING WITH ALL CREWS |
| | 18:00 - 19:00 | 1.00 | RIG | 7 | HELD SAFETY STAND DOWN MEETING WITH ALL CREWS & 3rd PARTY PERSONEL |
| | 19:00 - 22:30 | 3.50 | DRL | 1 | ROTATE DRIL/11,795'/11,850,(55'=15.7'FPH)(265GPM)(RPM130) (3350PSI) (WOB 5-20) DRILL SINGLES AND P/U RE-LOG GAMMA |
| | 22:30 - 00:00 | 1.50 | CIRC | 1 | CIRCULATE WAIT ON ORDERS FOR TD DEPTH, TD CALLED AT 10850, NEED 10,865 FOR CASING |

Operations Summary Report

Well Name: RWU 14-18B
 Location: 18- 7-S 23-E 27
 Rig Name: FRONTIER

Spud Date: 4/12/2012
 Rig Release: 5/3/2012
 Rig Number: 2

| Date | From - To | Hours | Code | Sub Code | Description of Operations |
|---------------|---------------|-------|------|---|---|
| 4/28/2012 | 00:00 - 01:00 | 1.00 | DRL | 1 | DRILLED 4' TO 10854, MOTOR STALLED, ATTEMPT TO DRILL NO DIFF |
| | 01:00 - 01:30 | 0.50 | CIRC | 1 | CIRCULATE BUILD AND PUMP SLUG |
| | 01:30 - 05:30 | 4.00 | TRP | 2 | WIPER TRIP OUT CHNAGE MOTOR BIT, LAY DOWN DIRECTIONAL |
| 4/29/2012 | 05:30 - 06:00 | 0.50 | CIRC | 1 | CIRCULATE BOTTOMS UP AT 5554, CIRCULATE OUT WATER AND GAS |
| | 06:00 - 06:30 | 0.50 | CIRC | 1 | CIRCULATE OUT GAS & WATER |
| | 06:30 - 09:30 | 3.00 | TRP | 2 | T.I.H B/ CIRC @ 8,500' 10,550' |
| | 09:30 - 10:30 | 1.00 | REAM | 1 | WASH & REAM F/11,820' TO 11,854' 20' FILL |
| | 10:30 - 12:00 | 1.50 | CIRC | 1 | PUMP SWEEP& CIRCULATE SPOT WALNUT IN OPEN HOLE FLOW CHECK |
| | 12:00 - 15:00 | 3.00 | TRP | 2 | P.O.O.H TO 5,520' |
| | 15:00 - 16:00 | 1.00 | CIRC | 1 | CIRCULATE OUT WATER & GAS SPOT 30 BBLS ECD PILL 12.9 PPG PUMP SLUG FLOW CHECK |
| | 16:00 - 19:00 | 3.00 | TRP | 2 | P.O.O.H F/ LOGGING |
| | 19:00 - 04:00 | 9.00 | LOG | 1 | RIG UP OPEN HOLE WIRE LINE LOG QUAD COMBO WITH THRU BIT SOLUTIONS, LOG DEPTH 11,320, RIG DOWN LOGGERS WIRE LINE LOGS |
| | 04:00 - 04:30 | 0.50 | TRP | 2 | STRAP OD & ID, THRU BIT DEPLOYABLE LOGGING BHA, BIT,BIT SUB,FLOAT SUB, X-O |
| 04:30 - 06:00 | 1.50 | RIG | 8 | WORK ON TOP DRIVE, WILL NOT TURN ON THROWING BREAKERS IN SCR HOUSE | |
| 4/30/2012 | 06:00 - 07:30 | 1.50 | RIG | 2 | TROUBLE SHOOT TOP DRIVE RE-SET BREAKER IN SCR HOUSE |
| | 07:30 - 10:30 | 3.00 | TRP | 2 | MAKE UP TRU BIT LOGGING TOOLS & T.I.H W/DRILL PIPE RABBIT EVERY STAND |
| | 10:30 - 11:00 | 0.50 | TRP | 2 | INSTALL ROT HEAD |
| | 11:00 - 11:30 | 0.50 | CIRC | 1 | CIRCULATE B/U @ 3300' |
| | 11:30 - 12:30 | 1.00 | TRP | 2 | T.I.H W/DRILL PIPE RABBIT EVERY STAND 4190' |
| | 12:30 - 14:30 | 2.00 | TRP | 1 | MOVE HWDP TO DRILL SIDE |
| | 14:30 - 17:00 | 2.50 | TRP | 2 | P/U 33 JTS. 3.5" DRILL PIPE |
| | 17:00 - 18:00 | 1.00 | TRP | 2 | T.I.H W/DRILL PIPE RABBIT EVERY STAND 6454' |
| | 18:00 - 19:00 | 1.00 | CIRC | 1 | CIRCULATE ECD PILL & WATER, GAS @ 6454' |
| | 19:00 - 20:30 | 1.50 | TRP | 2 | T.I.H W/DRILL PIPE RABBIT EVERY STAND 8900' |
| | 20:30 - 21:30 | 1.00 | CIRC | 1 | CIRCULATE GAS OUT 9100 UNITS |
| | 21:30 - 22:30 | 1.00 | TRP | 2 | T.I.H W/DRILL PIPE RABBIT EVERY STAND 11,345' |
| | 22:30 - 23:00 | 0.50 | REAM | 1 | TAG BRIDGE REAM FROM 11,345 TO 11,371 |
| | 23:00 - 00:00 | 1.00 | TRP | 2 | T.I.H W/DRILL PIPE RABBIT EVERY STAND TO 11,778' |
| 00:00 - 00:30 | 0.50 | REAM | 1 | SAFTEY REAM FROM 11,778 TO 11,854 | |
| 00:30 - 02:00 | 1.50 | CIRC | 1 | PJSM CIRCULATE MAKE UP SIDE ENTRY TOOLS,PJSM RIG UP LOGGERS SHIEVES | |
| 02:00 - 04:30 | 2.50 | LOG | 4 | PULL 1 STAND AND LAY DOWN SINGLE, PICK UP SIDE ENTRY ASSEMBLY, MAKE UP WIRE LINE LOGS, RUN LOGS | |
| 04:30 - 06:00 | 1.50 | LOG | 4 | ATTEMPT TO RELEASE TOOLS FROM WIRE LINE | |
| 5/1/2012 | 06:00 - 08:00 | 2.00 | LOG | 1 | PULL WIRELINE OUT & LAY DOWN SIDE ENTRY |
| | 08:00 - 10:30 | 2.50 | CIRC | 1 | WORK PIPE FREE 11,742, SHUT IN WELL WITH 175 PSI ON CASING, CIRCULATE OUT WATER AND GAS, 30 BBL WATER BACK W/25' FLARE, RUN ONE STAND WHILE WAIT ON WIRELINE TO RE-HEAD AND CHECK TOOLS |
| | 10:30 - 11:00 | 0.50 | TRP | 2 | TOOH TO 11,367 |
| | 11:00 - 15:00 | 4.00 | LOG | 1 | RIG UP SIDE ENTRY & THRU BIT TOOLS, LOG F/11,367 TO BOTTOM, PULL OUT WIRELINE, RIG DOWN TOOLS AND SIDE ENTRY |
| | 15:00 - 15:30 | 0.50 | TRP | 2 | TIH TO 11,851 |
| | 15:30 - 16:30 | 1.00 | CIRC | 1 | CIRCULATE OUT WATER & GAS RIG DOWN THRU BIT WIRELINE SHIEVES |
| | 16:30 - 19:00 | 2.50 | TRP | 2 | FLOW CHECK PUMP SLUG POOH WITH WIRE LINE BHA TO 5500 |
| | 19:00 - 20:00 | 1.00 | CIRC | 1 | CIRC OUT WATER & GAS, PUMP 30 BBL 12.9 ECD PILL, PUMP SLUG |
| | 20:00 - 22:30 | 2.50 | TRP | 2 | TOOH TO WIRELINE BHA |
| | 22:30 - 00:00 | 1.50 | LOG | 1 | RIG DOWN THRU BIT BHA, PICK UP SIDE TRACK ASSEMBLY AND RIG DOWN |
| 00:00 - 03:00 | 3.00 | TRP | 2 | PICK UP BIT, BIT SUB, RIG BHA & TIH TO 3000' | |

Operations Summary Report

Well Name: RWU 14-18B
 Location: 18-7-S 23-E 27
 Rig Name: FRONTIER

Spud Date: 4/12/2012
 Rig Release: 5/3/2012
 Rig Number: 2

| Date | From - To | Hours | Code | Sub Code | Description of Operations |
|----------|---------------|-------|------|----------|--|
| 5/1/2012 | 03:00 - 04:00 | 1.00 | RIG | 6 | SLIP CUT DRILL INE 24 WRAPS |
| | 04:00 - 05:00 | 1.00 | TRP | 2 | TIH TO 5570 |
| 5/2/2012 | 05:00 - 06:00 | 1.00 | CIRC | 1 | CIRC ECD PILL, WATER & GAS OUT |
| | 06:00 - 08:30 | 2.50 | TRP | 2 | T.I.H TO 11,845' FILL PIPE @ 9,000' & 10,500' |
| | 08:30 - 09:30 | 1.00 | REAM | 1 | WASH & REAM F/11,845' TO 11,854' DRILL F/11,854' TO 11,860 |
| | 09:30 - 11:00 | 1.50 | CIRC | 1 | PUMP LCM SWEEP CIRCULATE OUT & SPOT WALL NUT IN OPEN HOLE FLOW CHECK PUMP SLUG |
| | 11:00 - 12:00 | 1.00 | TRP | 2 | PULL 20 STANDS F/LAYING DOWN DRILL PIPE |
| | 12:00 - 13:00 | 1.00 | TRP | 3 | PJSM WITH ALL CREWS R/U ROCKY MOUNTAIN L/D TRUCK |
| | 13:00 - 15:00 | 2.00 | TRP | 3 | LAY DOWN 3.5" DRILL PIPE TO 5510' |
| | 15:00 - 16:00 | 1.00 | CIRC | 1 | CIRCULATE OUT WATER & GAS SPOT 25 BBLS ECD PILL 12.9 PPG, PUMP SLUG FLOW CHECK |
| | 16:00 - 18:00 | 2.00 | TRP | 3 | LAY DOWN 3.5" DRILL PIPE TO 1,010 |
| | 18:00 - 19:30 | 1.50 | TRP | 2 | TRIP 31 STANDS FROM DERRICK |
| | 19:30 - 22:30 | 3.00 | TRP | 3 | LAY DOWN DRILL PIPE AND BHA |
| | 22:30 - 02:30 | 4.00 | CSG | 1 | PJSM RIG UP CASING CREW |
| | 02:30 - 06:00 | 3.50 | CSG | 2 | MAKE UP FLOAT SHOE, FLOAT COLLAR, PUMP THRU TO TEST FLOATS AND FILL TOOL, RUN 4.5, 11.6, HCP-110 CASING FILL EVERY 25 JTS & CIRC 5 MIN, FILL & CIRC BOTTOMS UP @ 3000 |
| 5/3/2012 | 06:00 - 13:00 | 7.00 | CSG | 2 | RUN 4 1/2 CASING, FILL EVERY 25 JTS. |
| | 13:00 - 14:00 | 1.00 | CIRC | 1 | CIRCULATE AND WORK CASING AT 8550. |
| | 14:00 - 18:00 | 4.00 | CSG | 2 | RUN CASING AND CIRCULATE DOWN CASING FROM 8550 TO 11857. |
| | 18:00 - 20:00 | 2.00 | CIRC | 1 | CIRCULATE CASING ON BOTTOM 1.5 X CASING. |
| | 20:00 - 00:30 | 4.50 | CMT | 2 | PJSM, RIG UP CEMENTERS AND CEMENT 4 1/2 CASING. RAN 287 JTS. OF 4.5, 11.60 LB. ,LT&C, HCP-110 CASING, LANDED AT 11857 RKB. CEMENTED W/ 620 SKS. OF LEAD, 233 SKS. OF TAIL CEMENT, W/ 20 BBL WATER SPACER, AND 20 BBL. SUPER FLUSH. PLUG BUMPED AT 23:00 5 / 02 / 2012. FLOATS HELD. 50 SKS. OF CEMENT TO RES. PIT. RIG DOWN HALLIBURTON |
| 5/4/2012 | 00:30 - 02:30 | 2.00 | BOP | 1 | NIPPLE DOWN BOPS , FLOW LINE CLEAN ON MUD PITS |
| | 02:30 - 03:30 | 1.00 | OTH | | PJSM RIG UP WINCHS, PICK UP BOPS |
| | 03:30 - 04:00 | 0.50 | CSG | 7 | SET SLIPS AND CUT CASING OFF |
| | 04:00 - 06:00 | 2.00 | LOC | 7 | RIG DOWN WINCHS AND CLEAN MUD PITS AND NIPPLE DOWN |
| | 06:00 - 11:00 | 5.00 | LOC | 7 | NIPPLE DOWN AND CLEAN PITS RELEASE RIG @ 11:00 AM 5/03/2012 |

Operations Summary Report

Well Name: RWU 14-18B
 Location: 18- 7-S 23-E 27
 Rig Name: MARTINEZ WELL SERVICE

Spud Date: 4/12/2012
 Rig Release:
 Rig Number: 1

| Date | From - To | Hours | Code | Sub Code | Description of Operations |
|-----------|---------------|-------|------|----------|--|
| 5/11/2012 | - | | | | GAUGE RING AND CBL/VDL/GR/LOG |
| 5/14/2012 | 06:00 - | | | | INSTALL FRAC HEAD AND TEST FRAC HEAD AND CSG. PERFORATE MV ZONE #1 WILL FRAC ON 5/15/2012 |
| 5/15/2012 | 08:00 - 09:00 | 1.00 | | | FRAC ZONE #1 (11708-11750') WITH 67500# OF 30/50 SAND PER DESIGN |
| | 09:00 - 10:30 | 1.50 | | | SET FRAC PLUG AT 11500' AND PERF.GROSS INTERVAL 11080-11288' (6 INTERVALS). |
| | 10:30 - 13:00 | 2.50 | | | FRAC ZONE #2 WITH 83800# OF SAND--DESIGN WAS FOR 166M#--ZONES WOULD NOT TAKE MORE |
| | 13:00 - 14:30 | 1.50 | | | SET FRAC PLUG AT 10700' AND PERFORATE GROSS INT.10322-10656' (2 INTRVALS) |
| | 14:30 - 15:30 | 1.00 | | | FRAC ZONE #3 WITH 64200# OF 3/50 SAND PER DESIGN-SCREEN OUT WITH 700 GAL.OF FLUSH LEFT |
| | 15:30 - 16:30 | 1.00 | | | SET COMP.BP AT 6000'. BLEED OFF WELL AND SI WELL. RD CREWS. |
| 5/16/2012 | 05:30 - 07:00 | 1.50 | TRAV | 1 | 5/16/2012. CREW TRAVEL |
| | 07:00 - 07:15 | 0.25 | RIG | 7 | SAFETY MEETING |
| | 07:15 - 08:15 | 1.00 | LOC | 4 | SPOT IN RIG & EQUIPMENT. RU RIG |
| | 08:15 - 10:30 | 2.25 | BOP | 1 | CHECK SICP=400. BLEED OFF. ND FRAC VALVE. NU BOPS. RU FLOOR & 2 3/8" TBG EQUIPMENT |
| | 10:30 - 15:00 | 4.50 | TRP | 5 | TALLY & BHA. RIH W/ MILL, PUMP OFF BIT SUB. START PICK 2 3/8" TBG EQUIPMENT. PICK UP 184 JNTS TAG KILL PLUG @6005' |
| | 15:00 - 16:00 | 1.00 | SEQ | 1 | R.U. POWER SWIVEL , AND PUMP , STAB WASHINGTON RUBBER, GET CIRCULATION W/ 24 BBLs |
| | 16:00 - 16:30 | 0.50 | DRL | 5 | DRILL UP KILL PLUG, 1600 PSI ON PUMP , 800 PSI ON CASING |
| | 16:30 - 17:00 | 0.50 | SEQ | 1 | R.D POWER SWIVEL |
| | 17:00 - 19:00 | 2.00 | TRP | 2 | CONTINUE TO TALLEY AND RABBIT , RIH W/ 75 JTS, EOT @ 8455' SWIFN, CASING UP SELLS |
| | 19:00 - 20:30 | 1.50 | TRAV | 1 | TRAVEL TO TOWN |
| 5/17/2012 | 05:30 - 07:00 | 1.50 | TRAV | 1 | 5/17/2012. CREW TRAVEL |
| | 07:00 - 07:15 | 0.25 | RIG | 7 | SAFETY MEETING. CHECK SITP=0, FCP=800 PSI ON A 36/64 CHOKE |
| | 07:15 - 09:30 | 2.25 | TRP | 2 | TALLY & PICK UP 70 JNTS OF 2 3/8" TBG TAG FRAC PLUG @10,700. |
| | 09:30 - 10:00 | 0.50 | SEQ | 1 | RU SWIVEL & RIG PUMP GET CIRC 2 BBLs |
| | 10:00 - 13:00 | 3.00 | DRL | 5 | DRILL PLUG OUT IN 15 MINS. STAND SWIVEL BACK. RIH 16 JNTS TAG UP @ 11,230' RU SWIVEL CLEAN OUT 5 MIN. SWIVEL IN 24 JNTS TAG UP ON FRAC PLUG @ 11,500'. DRILL PLUG OUT IN 15 MIN. CLEAN OUT TO PBTD 11,855' |
| | 13:00 - 14:00 | 1.00 | CIRC | 1 | ROLL HOLE FOR 15 MIN. PUMP 15 GALS OF CHEM TO EOT WITH 45 BBLs |
| | 14:00 - 14:30 | 0.50 | TRP | 5 | RD SWIVEL. POOH LD 5 JNTS. MAKE UP TBG HANGER |
| | 14:30 - 16:00 | 1.50 | BOP | 1 | LAND TBG IN WELL HEAD EOT @ 11,704'. RD FLOOR. ND BOPS, NU WELL HEAD. RU FLOW LINE |
| | 16:00 - 16:45 | 0.75 | CIRC | 3 | DROP BALL DOWN TBG PUMP 40 BBLs TO SEAT BALL. PSI UP TO 2200 PSI TO PUMP BIT OFF. SHUT WELL IN |
| | 16:45 - 18:00 | 1.25 | OTH | | RACK OUT EQUIPMENT. GET PREP & READY TO RIG DOWN. CAN NOT RIG DOWN DO TO HIGH WINDS. SDFN |
| | 18:00 - 19:30 | 1.50 | TRAV | 1 | CREW TRAVEL |

| | |
|--|--------|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | FORM 9 |
| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | |
| 5. LEASE DESIGNATION AND SERIAL NUMBER: U-0116 | |
| 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: | |
| 7. UNIT or CA AGREEMENT NAME: RED WASH | |
| 1. TYPE OF WELL Oil Well | |
| 8. WELL NAME and NUMBER: RW 14-18B | |
| 2. NAME OF OPERATOR: QEP ENERGY COMPANY | |
| 9. API NUMBER: 43047151780000 | |
| 3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078 | |
| PHONE NUMBER: 303 308-3068 Ext | |
| 9. FIELD and POOL or WILDCAT: RED WASH | |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 0659 FSL 0592 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 18 Township: 07.0S Range: 23.0E Meridian: S | |
| COUNTY: UINTAH | |
| STATE: UTAH | |

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|---|--|---|---|
| <input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 7/16/2012 | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> CASING REPAIR |
| <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> CHANGE WELL NAME |
| <input type="checkbox"/> SPUD REPORT Date of Spud: | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> CONVERT WELL TYPE |
| <input type="checkbox"/> DRILLING REPORT Report Date: | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> NEW CONSTRUCTION |
| | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> PLUG BACK |
| | <input type="checkbox"/> PRODUCTION START OR RESUME | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION |
| | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | <input type="checkbox"/> SIDETRACK TO REPAIR WELL | <input type="checkbox"/> TEMPORARY ABANDON |
| | <input type="checkbox"/> TUBING REPAIR | <input type="checkbox"/> VENT OR FLARE | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> WATER SHUTOFF | <input type="checkbox"/> SI TA STATUS EXTENSION | <input type="checkbox"/> APD EXTENSION |
| | <input checked="" type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> OTHER | OTHER: <input style="width: 100px;" type="text"/> |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

QEP ENERGY COMPANY REQUESTS THAT THE WILDCAT TAX CREDIT BE APPLIED TO THE RW 14-18B WELL. THIS IS THE FIRST WELL IN THE MESAVERDE POOL WITHIN A ONE MILE(5280') RADIUS (SEE ATTACHED MAP). OFFSET WELLS INCLUDE: RW 41-24A, API #: 43-047-33769, TD: 5970', FORMATION AT TD: GREEN RIVER. RW 24-18B, API #: 43-047-33554, TD: 6000', FORMATION AT TD: GREEN RIVER.

Approved by the Utah Division of Oil, Gas and Mining
Date: September 05, 2012
By: *Derek Duff*

| | | |
|---|-------------------------------------|--|
| NAME (PLEASE PRINT) Valyn Davis | PHONE NUMBER 435 781-4369 | TITLE Regulatory Affairs Analyst |
| SIGNATURE N/A | DATE 7/16/2012 | |

Sundry Number: 27776 API Well Number: 43047151780000



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047151780000

See Wildcat Well Determination Statement of Basis (Attached).

RECEIVED: Jul. 16, 2012

DIVISION OF OIL, GAS AND MINING
Wildcat Well Determination
STATEMENT OF BASIS

Applicant: QEP ENERGY COMPANY
Location: SWNW SEC 18 T07S R23E Uintah County, Utah
WELL NAME: RW 14-18B **API #:** 43-047-15178

FINDINGS

1. This well was originally completed on December 25, 1956 in the Green River formation. Pipe was set at a Total Depth of 6,359 feet.
2. There are multiple wells within 1 Mile of the subject well that have also produced out of the Green River formation. (Attachment A)
3. The well was plugged March 10, 2009. A permit to re-enter this well was approved on November 16, 2012.
4. This well was re-completed on April 28, 2012 in the Mesa Verde formation, to a Total Depth of 11,810 feet.
5. This well was > 1 mile from known production in the Mesa Verde formation at the time of recompletion and the start of production on May 17, 2012. (Attachment A)
6. There has been no previous production out of the Mesa Verde formation within a 1-mile radius of this well.

CONCLUSIONS

Based on the findings above the Division has determined the RW 14-18B well was drilled into an unknown area for the Mesa Verde formation. The Division finds that this well qualifies for the severance tax exemption under Section 59-5-102(5)(b) for wildcat wells. This determination was made in accordance with Oil and Gas General Conservation Rule R649-3-35. If the operator disagrees with this determination, the decision may be appealed to the Board of Oil Gas and Mining.

Reviewer(s): Dustin K. Doucet  Date: 9/5/2012

Joshua J. Payne  Date: 9/5/2012

CC: Utah State Tax Commission
ATTN: Shandra Winters

ATTACHMENT A

1. Mile Area of Review

| API | WELL_NAME | Well Status | QTR | Sect | Town | Range | Cum Oil | Cum Gas | Field Type | Dx From Well(ft) | Rotar Spud | Date TD Reached | Date First Produced | Producing Formation | Depth TD |
|------------|------------------|-------------|-----|------|--------|--------|---------|---------|------------|------------------|------------|------------------------|-----------------------|--------------------------|--------------|
| 4304752236 | RW 8C1-19B | APD | 19 | SENE | T07.05 | R23.0E | 0 | 0 | D | 4552 | | | | PROPOSED (MESA VERDE) | 0 |
| 4304752232 | RW 6C1-19B | APD | 19 | SENE | T07.05 | R23.0E | 0 | 0 | D | 2492 | | | | PROPOSED (MESA VERDE) | 0 |
| 4304752231 | RW 3B4-18B | APD | 18 | NENW | T07.05 | R23.0E | 0 | 0 | D | 3769 | | | | PROPOSED (MESA VERDE) | 0 |
| 4304751885 | RW 13B4-19B | LA | 19 | SWSW | T07.05 | R23.0E | 0 | 0 | D | 4686 | | | | NA | 0 |
| 4304751876 | RW 16C1-13A | LA | 13 | SESE | T07.05 | R22.0E | 0 | 0 | D | 1394 | | | | NA | 0 |
| 4304751796 | RW 13B1-18B | LA | 18 | SWSW | T07.05 | R23.0E | 0 | 0 | D | 421 | | | | NA | 0 |
| 4304751795 | RW 14B1-18B | LA | 18 | SESW | T07.05 | R23.0E | 0 | 0 | D | 1469 | | | | NA | 0 |
| 4304751770 | RW 8C4-19B | LA | 19 | SENE | T07.05 | R23.0E | 0 | 0 | D | 4479 | | | | NA | 0 |
| 4304751725 | RW 23-19B | APD | 19 | NESW | T07.05 | R23.0E | 0 | 0 | D | 4008 | | | | NA | 0 |
| 4304733950 | RWU 14-13A | LA | 13 | SWSW | T07.05 | R22.0E | 0 | 0 | D | 4677 | | | | PROPOSED (MESA VERDE) | 0 |
| 4304733769 | RW 41-24A | P | 24 | NENE | T07.05 | R22.0E | 138589 | 21338 | D | 1079 | 4/11/2001 | 4/21/2001 | 5/18/2001 | GREEN RIVER | 5970 |
| 4304733765 | RW 22-13A | PA | 13 | SENE | T07.05 | R22.0E | 0 | 0 | D | 4417 | 8/14/2001 | 9/1/2001 | 10/18/2001 | NA | 6175 |
| 4304733654 | RWU 33U-19B | PA | 19 | NWSE | T07.05 | R23.0E | 0 | 0 | D | 4177 | | 10/7/2000 | | NA | 3200 |
| 4304733594 | RW 44-18B | P | 18 | SESE | T07.05 | R22.0E | 54715 | 13048 | D | 3531 | | 9/18/2000 | 11/10/2000 | GREEN RIVER | 5976 |
| 4304733593 | RW 34-13A | A | 13 | SWSE | T07.05 | R22.0E | 8940 | 705 | D | 2440 | | 10/18/2000 | 11/27/2000 | GREEN RIVER | 6089 |
| 4304733592 | RW 21-24A | P | 24 | NENW | T07.05 | R22.0E | 23214 | 5263 | D | 3339 | 9/24/2000 | 10/8/2000 | 11/30/2000 | GREEN RIVER | 5926 |
| 4304733591 | RW 12-24A | A | 24 | SWNW | T07.05 | R22.0E | 11441 | 4273 | D | 4681 | 12/3/2000 | 12/15/2000 | 1/29/2001 | GREEN RIVER | 5967 |
| 4304733569 | RW 42-24A | P | 24 | SESE | T07.05 | R22.0E | 45972 | 14165 | D | 2276 | | 9/27/2000 | 12/9/2000 | GREEN RIVER | 5901 |
| 4304733568 | RW 34-24A | A | 24 | SWSE | T07.05 | R22.0E | 20140 | 106 | D | 4380 | | 8/12/2000 | 9/20/2000 | GREEN RIVER | 5933 |
| 4304733567 | RW 23-24A | P | 24 | NESW | T07.05 | R22.0E | 79521 | 5765 | D | 4393 | | 11/10/2000 | 1/3/2001 | GREEN RIVER | 5919 |
| 4304733559 | RW 22-19B | S | 19 | SENE | T07.05 | R23.0E | 7481 | 8123 | D | 2500 | | 9/6/2000 | 11/11/2000 | GREEN RIVER | 5907 |
| 4304733556 | RW 42-19B | S | 19 | SESE | T07.05 | R23.0E | 12036 | 556 | D | 4584 | | 6/28/2000 | 8/24/2000 | GREEN RIVER | 5826 |
| 4304733555 | RW 31-19B | A | 19 | NWNE | T07.05 | R23.0E | 3546 | 0 | D | 2846 | | 10/16/2000 | 1/9/2001 | GREEN RIVER | 5973 |
| 4304733554 | RW 24-18B | P | 18 | SESW | T07.05 | R23.0E | 112015 | 23529 | D | 1335 | | 8/26/2000 | 10/19/2000 | GREEN RIVER | 6000 |
| 4304733552 | RW 11-19B | A | 19 | NWNW | T07.05 | R23.0E | 0 | 0 | D | 1137 | | 8/13/2000 | 9/15/2000 | NA | 5960 |
| 4304733499 | RW 33-19B | A | 19 | NWSE | T07.05 | R23.0E | 6514 | 0 | D | 3943 | | 5/11/2000 | 6/5/2000 | GREEN RIVER | 5800 |
| 4304733497 | RW 13-19B | A | 19 | NWSW | T07.05 | R23.0E | 9409 | 11878 | D | 3752 | | 6/7/2000 | 7/24/2000 | GREEN RIVER | 8594 |
| 4304733018 | RW 32-18B | P | 18 | SWNE | T07.05 | R23.0E | 128463 | 96802 | D | 3295 | | 2/19/1998 | 3/26/1998 | GREEN RIVER | 5937 |
| 4304732982 | RW 43-18B | A | 18 | NESE | T07.05 | R23.0E | 0 | 0 | D | 3678 | | 4/5/1998 | | NA | 5996 |
| 4304732738 | RW 14-17B | P | 17 | SWSW | T07.05 | R23.0E | 151559 | 38752 | D | 4659 | | 11/15/1997 | 12/17/1997 | GREEN RIVER | 5982 |
| 4304715258 | RW 21-18B | TA | 18 | NENW | T07.05 | R23.0E | 97718 | 30232 | D | 3797 | | 4/20/1961 | 5/2/1961 | GREEN RIVER | 5875 |
| 4304715251 | RWU 135 (12-18B) | PA | 18 | SWNW | T07.05 | R23.0E | 366667 | 439544 | D | 2488 | | 10/8/1960 | 10/8/1960 | GREEN RIVER | 5875 |
| 4304715244 | RW 12-19B | PA | 19 | SWNW | T07.05 | R23.0E | 126015 | 116833 | D | 2385 | | 5/12/1960 | 10/15/1960 | GREEN RIVER | 5810 |
| 4304715243 | RW 43-13A | PA | 13 | NESE | T07.05 | R22.0E | 482006 | 272310 | D | 2148 | | 3/22/1960 | 4/1/1960 | GREEN RIVER | 5825 |
| 4304715233 | RW 21-19B | P | 19 | NENW | T07.05 | R23.0E | 473070 | 439314 | D | 1793 | | 12/19/1959 | 1/20/1960 | GREEN RIVER | 5761 |
| 4304715229 | RW 32-24A | P | 24 | SWNE | T07.05 | R22.0E | 167088 | 242842 | D | 2737 | | 10/28/1959 | 12/16/1959 | GREEN RIVER | 5755 |
| 4304715221 | RW 41-24A | A | 24 | SENE | T07.05 | R22.0E | 140511 | 173681 | D | 1651 | | 6/18/1959 | 8/5/1959 | GREEN RIVER | 5755 |
| 4304715210 | RW 23-18B | A | 18 | NESW | T07.05 | R23.0E | 47605 | 39969 | D | 1771 | | 11/27/1958 | 12/31/1958 | GREEN RIVER | 5790 |
| 4304715189 | RW 34-18B | P | 18 | SWSE | T07.05 | R23.0E | 171564 | 150136 | D | 2325 | | 12/18/1957 | 12/26/1957 | GREEN RIVER | 6420 |
| 4304715178 | RW 14-18B | P | 18 | SWSW | T07.05 | R23.0E | 195165 | 172370 | D | 0 | | 12/25/1956 - 4/28/2012 | 1/11/1957 - 5/17/2012 | GREEN RIVER - MESA VERDE | 6359 - 11810 |
| 4304715174 | RW 32-19B | PA | 19 | SWNE | T07.05 | R23.0E | 0 | 0 | D | 3278 | | | | NA | 6186 |



Legend

SGID93.Wells

✕ <all other values>

GIS_STAT_TYPE

■ <Null>

◆ APD

⊙ DRL

⚡ GI

⊙ GS

✕ LA

⊕ NEW

△ OPS

⊙ PA

⊙ PGW

● POW

⊙ RET

⊙ SGW

● SOW

⊙ TA

○ TW

⚡ WD

⚡ WI

● WS

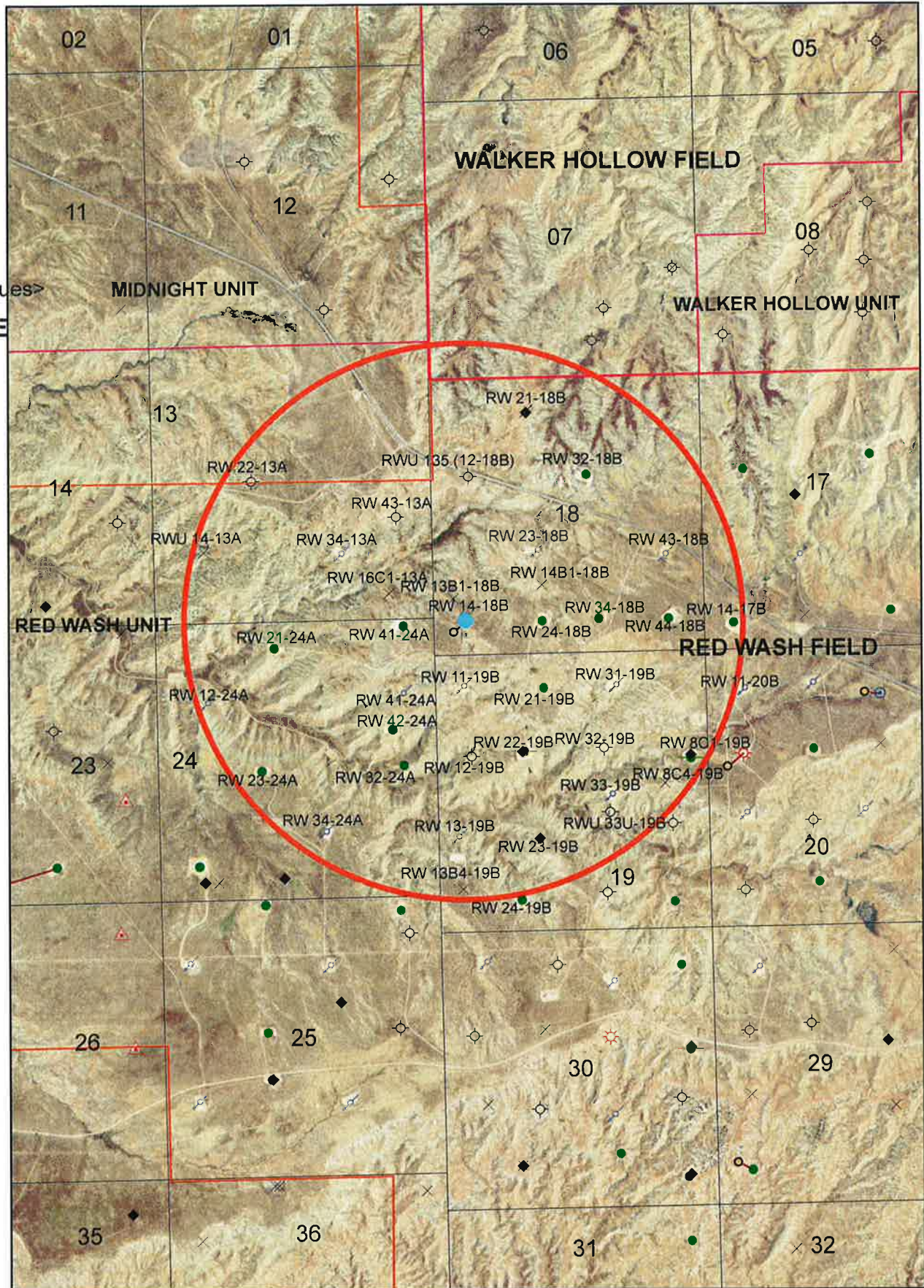
○ Bottom Hole

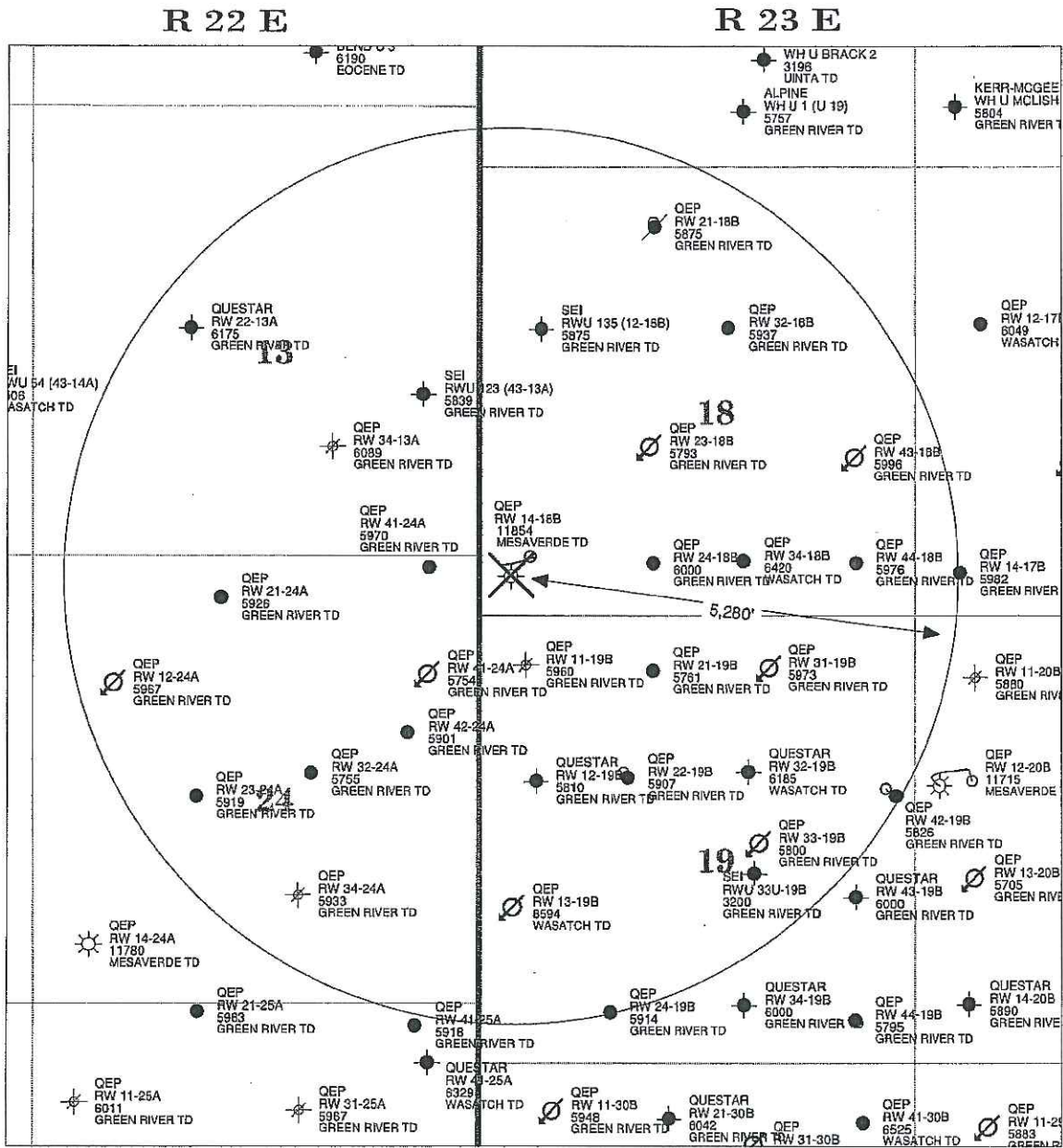
— BH Path

□ Units

□ Fields

□ Section



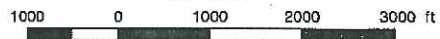


Well Symbol Key

- Location
- ⊙ Gas
- Oil
- ⊗ Abd loc.
- ⊕ D&A
- ⊖ Inj
- ⊘ Inj P&A
- ⊙ Inj SI
- ⊕ O&G P&A
- ⊙ Oil P&A
- ⊕ Gas P&A



1:24000



1050 17th, Suite 500
 Denver, Colorado 80265
 303 672-6900



QEP Energy Company

RW 14-18B

| | |
|---------------------|---|
| Date: 16 July, 2012 | Geologist: |
| Tech: | Geophysicist: |
| Engineer: | File:...\Umta\CJO_RAGTaxCRRW_14_18B.gmp |

Division of Oil, Gas and Mining
 Operator Change/Name Change Worksheet-for State use only

Effective Date: 4/1/2018

| FORMER OPERATOR: | NEW OPERATOR: |
|--------------------|-------------------------------|
| QEP Energy Company | Middle Fork Energy Uinta, LLC |

| | |
|---|--|
| Groups: Red Wash White River Wonsits Gypsum Hills Big Valley Stirrup So Nemo Kilimanjaro (Deep) Scylla South Red Wash Glen Bench Enh Rec <ulligan KJ2 | |
|---|--|

WELL INFORMATION:

| Well Name | API Number | Town | Dir | Range | Dir | Sec | Entity Number | Type | Status |
|-----------------------------------|------------|------|-----|-------|-----|-----|---------------|------|--------|
| See Attached List-1145 well total | | | | | | | | | |

OPERATOR CHANGES DOCUMENTATION:

- Sundry or legal documentation was received from the **FORMER** operator on: 9/10/2018
- Sundry or legal documentation was received from the **NEW** operator on: 9/10/2018
- New operator Division of Corporations Business Number: 10937942-0161

REVIEW:

- Receipt of Acceptance of Drilling Procedures for APD on: 9/15/2018
- Reports current for Production/Disposition & Sundries: 10/2/2018
- OPS/SI/TA well(s) reviewed for full cost bonding: Approved by Dustin 10/30/2018
- UIC5 on all disposal/injection/storage well(s) Approved on: Approved by Dayne 9/13/2018
- Surface Facility(s) included in operator change: All QEP Facilities-23 total

NEW OPERATOR BOND VERIFICATION:

- State/fee well(s) covered by Bond Number(s):
- LPM9291321
 - LPM9297845-Individual Bond
 - LPM9297846-Individual Bond

DATA ENTRY:

- Well(s) update in the RBDMS on: 10/31/2018
- Group(s) update in RDBMS on: 10/31/2018
- Surface Facilities update in RBDMS on: 10/31/2018
- Entities Updated in RBDMS on: 10/31/2018

COMMENTS:

From: QEP Energy Company
 To: Middle Fork Energy Uinta, LLC
 Effective: 4/1/2018

| Well Name | API | Town | Dir | Range | Dir | Sec | Entity Number | Well Type | Well Status |
|--------------------|------------|------|-----|-------|-----|-----|---------------|----------------------|-------------|
| RW 41-20B | 4304715146 | 7 | S | 23 | E | 20 | 5670 | Water Injection Well | Active |
| RW 21-23B | 4304715151 | 7 | S | 23 | E | 23 | 5670 | Water Injection Well | Active |
| RW 23-14B | 4304715161 | 7 | S | 23 | E | 14 | 5670 | Water Injection Well | Active |
| RW 41-28B | 4304715182 | 7 | S | 23 | E | 28 | 5670 | Water Injection Well | Active |
| RW 43-21A | 4304715219 | 7 | S | 22 | E | 21 | 5670 | Water Injection Well | Active |
| RW 41-24A | 4304715221 | 7 | S | 22 | E | 24 | 5670 | Water Injection Well | Active |
| RW 13-22B | 4304715261 | 7 | S | 23 | E | 22 | 5670 | Water Injection Well | Active |
| RW 23-15B | 4304715267 | 7 | S | 23 | E | 15 | 5670 | Water Injection Well | Active |
| RW 21-20B | 4304715281 | 7 | S | 23 | E | 20 | 5670 | Water Injection Well | Active |
| RW 33-13B | 4304715289 | 7 | S | 23 | E | 13 | 5670 | Water Injection Well | Active |
| WV 16 | 4304715447 | 8 | S | 21 | E | 15 | 5265 | Water Injection Well | Active |
| WV 21 | 4304715452 | 8 | S | 21 | E | 16 | 5265 | Water Injection Well | Active |
| WV 31 | 4304715460 | 8 | S | 21 | E | 14 | 5265 | Water Injection Well | Active |
| WV 36 | 4304715464 | 8 | S | 21 | E | 10 | 5265 | Water Injection Well | Active |
| WV 41 | 4304715469 | 8 | S | 21 | E | 15 | 5265 | Water Injection Well | Active |
| WV 50 | 4304715477 | 8 | S | 21 | E | 15 | 5265 | Water Injection Well | Active |
| RW 12-24B | 4304716477 | 7 | S | 23 | E | 24 | 5670 | Water Injection Well | Active |
| RW 33-22B | 4304716479 | 7 | S | 23 | E | 22 | 5670 | Water Injection Well | Active |
| GH 3 | 4304720002 | 8 | S | 21 | E | 20 | 5355 | Water Injection Well | Active |
| WV 59 | 4304720018 | 8 | S | 21 | E | 14 | 5265 | Water Injection Well | Active |
| WV 60 | 4304720019 | 8 | S | 21 | E | 15 | 5265 | Water Injection Well | Active |
| WV 67 | 4304720043 | 8 | S | 21 | E | 15 | 5265 | Water Injection Well | Active |
| WV 68 | 4304720047 | 8 | S | 21 | E | 15 | 5265 | Water Injection Well | Active |
| RW 41-33B | 4304720060 | 7 | S | 23 | E | 33 | 5670 | Water Disposal Well | Active |
| WV 97 | 4304730014 | 8 | S | 21 | E | 11 | 5265 | Water Injection Well | Active |
| WV 126 | 4304730796 | 8 | S | 21 | E | 21 | 5265 | Water Injection Well | Active |
| GH 1-20 | 4304731006 | 8 | S | 21 | E | 20 | 5355 | Water Injection Well | Active |
| GB 22-20 | 4304731356 | 8 | S | 22 | E | 20 | 13727 | Water Injection Well | Active |
| WV 28-2 | 4304731524 | 8 | S | 21 | E | 11 | 5265 | Water Injection Well | Active |
| GH 3-21 | 4304731604 | 8 | S | 21 | E | 21 | 5355 | Water Injection Well | Active |
| WV 140 | 4304731707 | 8 | S | 21 | E | 15 | 5265 | Water Injection Well | Active |
| WV 40-2 | 4304731798 | 8 | S | 21 | E | 10 | 5265 | Water Injection Well | Active |
| WV 143 | 4304731808 | 8 | S | 21 | E | 10 | 5265 | Water Injection Well | Active |
| WV 71-2 | 4304732449 | 8 | S | 21 | E | 15 | 5265 | Water Injection Well | Active |
| WV 120 | 4304732462 | 8 | S | 21 | E | 22 | 5265 | Water Injection Well | Active |
| GB 6-16 | 4304732549 | 8 | S | 22 | E | 16 | 13727 | Water Injection Well | Active |
| GB 7-16 | 4304732582 | 8 | S | 22 | E | 16 | 13727 | Water Injection Well | Active |
| GB 12-16 | 4304732583 | 8 | S | 22 | E | 16 | 13727 | Water Injection Well | Active |
| GH 15 | 4304732648 | 8 | S | 21 | E | 20 | 5355 | Water Injection Well | Active |
| GB 15-19-8-22 | 4304732756 | 8 | S | 22 | E | 19 | 13727 | Water Injection Well | Active |
| FEDERAL 7-19-10-18 | 4304733244 | 10 | S | 18 | E | 19 | 14366 | Water Source Well | Active |

From: QEP Energy Company
 To: Middle Fork Energy Uinta, LLC
 Effective: 4/1/2018

| | | | | | | | | | |
|---------------|------------|---|---|----|---|----|-------|----------------------|-------------------------------|
| RW 13-19B | 4304733497 | 7 | S | 23 | E | 19 | 5670 | Water Injection Well | Active |
| RW 13-20B | 4304733498 | 7 | S | 23 | E | 20 | 5670 | Water Injection Well | Active |
| RW 33-19B | 4304733499 | 7 | S | 23 | E | 19 | 5670 | Water Injection Well | Active |
| RW 11-30B | 4304733785 | 7 | S | 23 | E | 30 | 5670 | Water Injection Well | Active |
| RW 33-30B | 4304733790 | 7 | S | 23 | E | 30 | 5670 | Water Injection Well | Active |
| SU 3W-5-8-22 | 4304733987 | 8 | S | 22 | E | 5 | 13321 | Water Injection Well | Active |
| WV 3G-8-8-22 | 4304734596 | 8 | S | 22 | E | 8 | 5265 | Water Injection Well | Active |
| RW 43-27AGR | 4304753680 | 7 | S | 22 | E | 27 | 5670 | Water Disposal Well | Active |
| RW 11-33B SWD | 4304754035 | 7 | S | 23 | E | 33 | | Water Disposal Well | Active |
| RW H3-43-20C | 4304755525 | 7 | S | 24 | E | 20 | | Gas Well | Approved Permit |
| RW H2-43-20C | 4304755526 | 7 | S | 24 | E | 20 | | Gas Well | Approved Permit |
| RW H2-32-06F | 4304755527 | 8 | S | 24 | E | 6 | | Gas Well | Approved Permit |
| RW H3-32-06F | 4304755528 | 8 | S | 24 | E | 6 | | Gas Well | Approved Permit |
| RW H2-34-22C | 4304755529 | 7 | S | 24 | E | 22 | | Gas Well | Approved Permit |
| RW H2-44-21C | 4304755530 | 7 | S | 24 | E | 21 | | Gas Well | Approved Permit |
| RW H3-32-05F | 4304755531 | 8 | S | 24 | E | 5 | | Gas Well | Approved Permit |
| RW 08C-21A | 4304755651 | 7 | S | 22 | E | 21 | | Gas Well | Approved Permit |
| RW 07B1-21A | 4304755652 | 7 | S | 22 | E | 21 | | Gas Well | Approved Permit |
| RW 02C1-21A | 4304755653 | 7 | S | 22 | E | 21 | | Gas Well | Approved Permit |
| RW 02B1-21A | 4304755654 | 7 | S | 22 | E | 21 | | Gas Well | Approved Permit |
| RW 15C1-16A | 4304755655 | 7 | S | 22 | E | 21 | | Gas Well | Approved Permit |
| RW 15B1-16A | 4304755656 | 7 | S | 22 | E | 21 | | Gas Well | Approved Permit |
| RW 10C1-16A | 4304755657 | 7 | S | 22 | E | 21 | | Gas Well | Approved Permit |
| RW 10B1-16A | 4304755658 | 7 | S | 22 | E | 21 | | Gas Well | Approved Permit |
| RW 09B-16A | 4304755659 | 7 | S | 22 | E | 16 | | Gas Well | Approved Permit |
| RW 09C-16A | 4304755660 | 7 | S | 22 | E | 16 | | Gas Well | Approved Permit |
| RW 01B-21A | 4304755661 | 7 | S | 22 | E | 21 | | Gas Well | Approved Permit |
| RW 08B-21A | 4304755662 | 7 | S | 22 | E | 16 | | Gas Well | Approved Permit |
| RW 01C-21A | 4304755663 | 7 | S | 22 | E | 21 | | Gas Well | Approved Permit |
| RW 16B-16A | 4304755664 | 7 | S | 22 | E | 21 | | Gas Well | Approved Permit |
| RW 16C-16A | 4304755665 | 7 | S | 22 | E | 21 | | Gas Well | Approved Permit |
| KJ 42B-12A | 4304755700 | 7 | S | 22 | E | 12 | | Gas Well | Approved Permit |
| SR 21B-3G | 4304755731 | 8 | S | 23 | E | 3 | | Gas Well | Approved Permit |
| SR 21B-15G | 4304755732 | 8 | S | 23 | E | 15 | | Gas Well | Approved Permit |
| SU 8M-12-7-21 | 4304736096 | 7 | S | 21 | E | 12 | 16610 | Gas Well | Drilling Operations Suspended |
| RW 21-26AD | 4304736768 | 7 | S | 22 | E | 26 | 5670 | Oil Well | Drilling Operations Suspended |
| TU 14-9-7-22 | 4304737345 | 7 | S | 22 | E | 9 | 16811 | Gas Well | Drilling Operations Suspended |
| SU 11M-8-7-22 | 4304739175 | 7 | S | 22 | E | 8 | 18471 | Gas Well | Drilling Operations Suspended |
| RW 2C1-23B | 4304752303 | 7 | S | 23 | E | 23 | 18478 | Gas Well | Drilling Operations Suspended |
| RW 2C4-23B | 4304752304 | 7 | S | 23 | E | 23 | 18478 | Gas Well | Drilling Operations Suspended |
| RW 7B1-23B | 4304752305 | 7 | S | 23 | E | 23 | 18478 | Gas Well | Drilling Operations Suspended |
| RW 7B4-23B | 4304752306 | 7 | S | 23 | E | 23 | 18478 | Gas Well | Drilling Operations Suspended |

From: QEP Energy Company
 To: Middle Fork Energy Uinta, LLC
 Effective: 4/1/2018

| | | | | | | | | | |
|-------------|------------|---|---|----|---|----|-------|----------------------|-------------------------------|
| RW 7C1-23B | 4304752307 | 7 | S | 23 | E | 23 | 18478 | Gas Well | Drilling Operations Suspended |
| RW 10B1-23B | 4304752309 | 7 | S | 23 | E | 23 | 18478 | Gas Well | Drilling Operations Suspended |
| RW 10B4-23B | 4304752322 | 7 | S | 23 | E | 23 | 18478 | Gas Well | Drilling Operations Suspended |
| RW 7C4-23B | 4304752323 | 7 | S | 23 | E | 23 | 18478 | Gas Well | Drilling Operations Suspended |
| RW 2B4-27B | 4304752495 | 7 | S | 23 | E | 22 | 18478 | Gas Well | Drilling Operations Suspended |
| RW 4B1-26B | 4304752512 | 7 | S | 23 | E | 22 | 18478 | Gas Well | Drilling Operations Suspended |
| RW 4B4-26B | 4304752513 | 7 | S | 23 | E | 22 | 18478 | Gas Well | Drilling Operations Suspended |
| RW 4C1-26B | 4304752516 | 7 | S | 23 | E | 22 | 18478 | Gas Well | Drilling Operations Suspended |
| RW 4C4-26B | 4304752519 | 7 | S | 23 | E | 22 | 18478 | Gas Well | Drilling Operations Suspended |
| RW 5B1-26B | 4304752523 | 7 | S | 23 | E | 22 | 18478 | Gas Well | Drilling Operations Suspended |
| RW 5B4-26B | 4304752524 | 7 | S | 23 | E | 22 | 18478 | Gas Well | Drilling Operations Suspended |
| RW 10B4-22B | 4304752532 | 7 | S | 23 | E | 22 | 18478 | Gas Well | Drilling Operations Suspended |
| RW 10C1-22B | 4304752534 | 7 | S | 23 | E | 22 | 18478 | Gas Well | Drilling Operations Suspended |
| RW 10C4-22B | 4304752535 | 7 | S | 23 | E | 22 | 18478 | Gas Well | Drilling Operations Suspended |
| RW 13C1-23B | 4304752536 | 7 | S | 23 | E | 22 | 18478 | Gas Well | Drilling Operations Suspended |
| RW 13C4-23B | 4304752537 | 7 | S | 23 | E | 22 | 18478 | Gas Well | Drilling Operations Suspended |
| RW 15B1-22B | 4304752539 | 7 | S | 23 | E | 22 | 18478 | Gas Well | Drilling Operations Suspended |
| RW 15C1-22B | 4304752540 | 7 | S | 23 | E | 22 | 18478 | Gas Well | Drilling Operations Suspended |
| RW 15C4-22B | 4304752541 | 7 | S | 23 | E | 22 | 18478 | Gas Well | Drilling Operations Suspended |
| RW 2B1-27B | 4304752649 | 7 | S | 23 | E | 22 | 18478 | Gas Well | Drilling Operations Suspended |
| RW 14-13B | 4304715144 | 7 | S | 23 | E | 13 | 5670 | Water Injection Well | Inactive |
| RW 14-24B | 4304716472 | 7 | S | 23 | E | 24 | 5670 | Water Injection Well | Inactive |
| RW 41-27B | 4304716473 | 7 | S | 23 | E | 27 | 5670 | Water Injection Well | Inactive |
| RW 14-21B | 4304716497 | 7 | S | 23 | E | 21 | 5670 | Water Injection Well | Inactive |
| RW 21-27A | 4304730103 | 7 | S | 22 | E | 27 | 5670 | Water Injection Well | Inactive |
| RW 34-22A | 4304730458 | 7 | S | 22 | E | 22 | 5670 | Water Injection Well | Inactive |
| RW 31-35B | 4304730519 | 7 | S | 23 | E | 35 | 5670 | Water Injection Well | Inactive |
| RW 11-36B | 4304731052 | 7 | S | 23 | E | 36 | 5670 | Water Injection Well | Inactive |
| GH 2-20 | 4304731066 | 8 | S | 21 | E | 20 | 5355 | Water Injection Well | Inactive |
| RW 31-26B | 4304731077 | 7 | S | 23 | E | 26 | 5670 | Water Injection Well | Inactive |
| RW 42-35B | 4304731081 | 7 | S | 23 | E | 35 | 5670 | Water Injection Well | Inactive |
| GH 8-I | 4304731932 | 8 | S | 21 | E | 20 | 5355 | Water Injection Well | Inactive |
| GH 10 | 4304732306 | 8 | S | 21 | E | 21 | 5355 | Water Injection Well | Inactive |
| GH 12 | 4304732458 | 8 | S | 21 | E | 19 | 5355 | Water Injection Well | Inactive |
| GH 17 | 4304732649 | 8 | S | 21 | E | 20 | 5355 | Water Injection Well | Inactive |
| RW 23-17B | 4304732739 | 7 | S | 23 | E | 17 | 5670 | Water Injection Well | Inactive |
| RW 43-17B | 4304732980 | 7 | S | 23 | E | 17 | 5670 | Water Injection Well | Inactive |
| RW 43-18B | 4304732982 | 7 | S | 23 | E | 18 | 5670 | Water Injection Well | Inactive |
| RW 11-20B | 4304733553 | 7 | S | 23 | E | 20 | 5670 | Water Injection Well | Inactive |
| RW 31-19B | 4304733555 | 7 | S | 23 | E | 19 | 5670 | Water Injection Well | Inactive |
| RW 11-29B | 4304733590 | 7 | S | 23 | E | 29 | 5670 | Water Injection Well | Inactive |
| RW 12-24A | 4304733591 | 7 | S | 22 | E | 24 | 5670 | Water Injection Well | Inactive |

From: QEP Energy Company
 To: Middle Fork Energy Uinta, LLC
 Effective: 4/1/2018

| | | | | | | | | | |
|--------------------------------|------------|----|---|----|---|----|-------|----------------------|---------------------|
| RW 34-13A | 4304733593 | 7 | S | 22 | E | 13 | 5670 | Water Injection Well | Inactive |
| GH 8G-17-8-21 | 4304737992 | 8 | S | 21 | E | 17 | 5355 | Water Injection Well | Inactive |
| NBE 12SWD-10-9-23 | 4304738875 | 9 | S | 23 | E | 10 | 16477 | Water Disposal Well | Inactive |
| WEST RIVER BEND 3-12-10-15 | 4301331888 | 10 | S | 15 | E | 12 | 14542 | Oil Well | Plugged & Abandoned |
| WEST DESERT SPRING 11-20-10-17 | 4301332088 | 10 | S | 17 | E | 20 | 14545 | Oil Well | Plugged & Abandoned |
| PETES WASH U 14-24 GR | 4301333202 | 10 | S | 16 | E | 24 | 16232 | Oil Well | Plugged & Abandoned |
| PETES WASH U 13-06 GR | 4301333203 | 10 | S | 16 | E | 6 | 16233 | Oil Well | Plugged & Abandoned |
| GILSONITE 11-02GR | 4301333483 | 10 | S | 15 | E | 2 | 16211 | Gas Well | Plugged & Abandoned |
| BIG WASH 61-16GR | 4301333485 | 10 | S | 16 | E | 16 | 16192 | Oil Well | Plugged & Abandoned |
| RW 34-27B | 4304715142 | 7 | S | 23 | E | 27 | 5670 | Water Injection Well | Plugged & Abandoned |
| RW 34-13B | 4304715168 | 7 | S | 23 | E | 13 | 5670 | Oil Well | Plugged & Abandoned |
| RW 23-30B | 4304715172 | 7 | S | 23 | E | 30 | 5670 | Oil Well | Plugged & Abandoned |
| RW 32-19B | 4304715174 | 7 | S | 23 | E | 19 | 5670 | Water Injection Well | Plugged & Abandoned |
| RW 12-29B | 4304715175 | 7 | S | 23 | E | 29 | 5670 | Oil Well | Plugged & Abandoned |
| RW 34-21A | 4304715207 | 7 | S | 22 | E | 21 | 5670 | Oil Well | Plugged & Abandoned |
| RW 34-19B | 4304715242 | 7 | S | 23 | E | 19 | 5670 | Oil Well | Plugged & Abandoned |
| RW 43-19B | 4304715252 | 7 | S | 23 | E | 19 | 5670 | Oil Well | Plugged & Abandoned |
| RW 21-18B | 4304715258 | 7 | S | 23 | E | 18 | 5670 | Oil Well | Plugged & Abandoned |
| RW 21-30B | 4304715280 | 7 | S | 23 | E | 30 | 5670 | Oil Well | Plugged & Abandoned |
| RW 34-28A | 4304715282 | 7 | S | 22 | E | 28 | 5670 | Oil Well | Plugged & Abandoned |
| RW 41-16B | 4304715292 | 7 | S | 23 | E | 16 | 5670 | Oil Well | Plugged & Abandoned |
| RW 43-24B | 4304715295 | 7 | S | 23 | E | 24 | 5670 | Gas Well | Plugged & Abandoned |
| RW 21-34A | 4304715303 | 7 | S | 22 | E | 34 | 5670 | Water Injection Well | Plugged & Abandoned |
| FEDERAL 2-29-7-22 | 4304715423 | 7 | S | 22 | E | 29 | 5266 | Gas Well | Plugged & Abandoned |
| WV 35 | 4304715463 | 8 | S | 21 | E | 14 | 5265 | Water Injection Well | Plugged & Abandoned |
| UTAH FED D-1 | 4304715936 | 7 | S | 24 | E | 14 | 10699 | Gas Well | Plugged & Abandoned |
| UTAH FED D-2 | 4304715937 | 7 | S | 24 | E | 25 | 9295 | Gas Well | Plugged & Abandoned |
| PRINCE 1 | 4304716199 | 7 | S | 24 | E | 10 | 7035 | Gas Well | Plugged & Abandoned |
| RW 23-23B | 4304716476 | 7 | S | 23 | E | 23 | 5670 | Water Injection Well | Plugged & Abandoned |
| RW 12-27A | 4304716478 | 7 | S | 22 | E | 27 | 5670 | Water Injection Well | Plugged & Abandoned |
| RW 41-21B | 4304716482 | 7 | S | 23 | E | 21 | 5670 | Water Injection Well | Plugged & Abandoned |
| RW 21-21B | 4304716496 | 7 | S | 23 | E | 21 | 5670 | Water Injection Well | Plugged & Abandoned |
| WV 72 | 4304720058 | 8 | S | 21 | E | 16 | 5265 | Water Injection Well | Plugged & Abandoned |
| WV 73 | 4304720066 | 8 | S | 21 | E | 16 | 5265 | Water Injection Well | Plugged & Abandoned |
| WV 78 | 4304720115 | 8 | S | 21 | E | 16 | 5265 | Water Injection Well | Plugged & Abandoned |
| RW 43-28A | 4304730058 | 7 | S | 22 | E | 28 | 5670 | Water Disposal Well | Plugged & Abandoned |
| GH 6 | 4304730099 | 8 | S | 21 | E | 20 | 5355 | Water Injection Well | Plugged & Abandoned |
| RW 13-27B | 4304730199 | 7 | S | 23 | E | 27 | 5670 | Oil Well | Plugged & Abandoned |
| RW 43-26B | 4304730259 | 7 | S | 23 | E | 26 | 5670 | Oil Well | Plugged & Abandoned |
| RW 14-18C | 4304730309 | 7 | S | 24 | E | 18 | 5670 | Oil Well | Plugged & Abandoned |
| RW 12-26B | 4304730311 | 7 | S | 23 | E | 26 | 5670 | Oil Well | Plugged & Abandoned |
| RW 12-36B | 4304730344 | 7 | S | 23 | E | 36 | 5670 | Oil Well | Plugged & Abandoned |

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| RW 13-26B | 4304730522 | 7 | S | 23 | E | 26 | 5670 | Water Injection Well | Plugged & Abandoned |
| WV 136 | 4304731047 | 8 | S | 21 | E | 21 | 5265 | Oil Well | Plugged & Abandoned |
| UTAH FED D-4 | 4304731215 | 7 | S | 24 | E | 14 | 9297 | Gas Well | Plugged & Abandoned |
| WR 43-16 | 4304731354 | 8 | S | 22 | E | 16 | 5170 | Oil Well | Plugged & Abandoned |
| GB 13-20 | 4304731355 | 8 | S | 22 | E | 20 | 13727 | Oil Well | Plugged & Abandoned |
| GB 3-17 | 4304731556 | 8 | S | 22 | E | 17 | 13727 | Oil Well | Plugged & Abandoned |
| RW 12-35B | 4304731578 | 7 | S | 23 | E | 35 | 5670 | Oil Well | Plugged & Abandoned |
| RW 22-22A | 4304731581 | 7 | S | 22 | E | 22 | 5670 | Oil Well | Plugged & Abandoned |
| WV 135-2 | 4304732016 | 8 | S | 21 | E | 21 | 5265 | Oil Well | Plugged & Abandoned |
| DESERT SPRINGS 20-1 | 4304732052 | 10 | S | 18 | E | 20 | 14366 | Oil Well | Plugged & Abandoned |
| RW 41-4F | 4304732538 | 8 | S | 24 | E | 4 | 5670 | Gas Well | Plugged & Abandoned |
| TOLL STATION ST 8-36-8-21 | 4304732724 | 8 | S | 21 | E | 36 | 12361 | Gas Well | Plugged & Abandoned |
| OU SG 6-14-8-22 | 4304732746 | 8 | S | 22 | E | 14 | 11944 | Gas Well | Plugged & Abandoned |
| GB 4-30-8-22 | 4304732755 | 8 | S | 22 | E | 30 | 13727 | Oil Well | Plugged & Abandoned |
| WV 11 WG | 4304733085 | 8 | S | 21 | E | 12 | 17123 | Gas Well | Plugged & Abandoned |
| WV 81 WG | 4304733086 | 8 | S | 21 | E | 24 | 17123 | Gas Well | Plugged & Abandoned |
| FEDERAL 5-20-10-18 | 4304733245 | 10 | S | 18 | E | 20 | 14366 | Water Injection Well | Plugged & Abandoned |
| OU GB 12W-20-8-22 | 4304733249 | 8 | S | 22 | E | 20 | 13488 | Oil Well | Plugged & Abandoned |
| WV 7W-13-8-21 | 4304733270 | 8 | S | 21 | E | 13 | 5265 | Gas Well | Plugged & Abandoned |
| WV 3W-8-8-22 | 4304733493 | 8 | S | 22 | E | 8 | 17123 | Gas Well | Plugged & Abandoned |
| WV 5W-7-8-22 | 4304733494 | 8 | S | 22 | E | 7 | 17123 | Gas Well | Plugged & Abandoned |
| RW 33-20B | 4304733500 | 7 | S | 23 | E | 20 | 5670 | Water Injection Well | Plugged & Abandoned |
| RW 22-21B | 4304733522 | 7 | S | 23 | E | 21 | 5670 | Oil Well | Plugged & Abandoned |
| WV 1W-12-8-21 | 4304733531 | 8 | S | 21 | E | 12 | 17123 | Gas Well | Plugged & Abandoned |
| WV 1W-13-8-21 | 4304733532 | 8 | S | 21 | E | 13 | 5265 | Gas Well | Plugged & Abandoned |
| WV 13W-12-8-21 | 4304733537 | 8 | S | 21 | E | 12 | 17123 | Gas Well | Plugged & Abandoned |
| RW 11-19B | 4304733552 | 7 | S | 23 | E | 19 | 5670 | Water Injection Well | Plugged & Abandoned |
| RW 42-19B | 4304733556 | 7 | S | 23 | E | 19 | 5670 | Oil Well | Plugged & Abandoned |
| WV 6G-16-8-21 | 4304733564 | 8 | S | 21 | E | 16 | 5265 | Oil Well | Plugged & Abandoned |
| WV 16G-9-8-21 | 4304733565 | 8 | S | 21 | E | 9 | 5265 | Oil Well | Plugged & Abandoned |
| RW 34-24A | 4304733568 | 7 | S | 22 | E | 24 | 5670 | Water Injection Well | Plugged & Abandoned |
| RW 42-24A | 4304733569 | 7 | S | 22 | E | 24 | 5670 | Oil Well | Plugged & Abandoned |
| RW 11-25A | 4304733574 | 7 | S | 22 | E | 25 | 5670 | Water Injection Well | Plugged & Abandoned |
| RW 13-25A | 4304733575 | 7 | S | 22 | E | 25 | 5670 | Water Injection Well | Plugged & Abandoned |
| RW 31-25A | 4304733577 | 7 | S | 22 | E | 25 | 5670 | Water Injection Well | Plugged & Abandoned |
| RW 33-25A | 4304733578 | 7 | S | 22 | E | 25 | 5670 | Water Injection Well | Plugged & Abandoned |
| WV 3W-13-8-21 | 4304733603 | 8 | S | 21 | E | 13 | 17123 | Gas Well | Plugged & Abandoned |
| WV 16W-2-8-21 | 4304733645 | 8 | S | 21 | E | 2 | 5265 | Oil Well | Plugged & Abandoned |
| WV 12W-10-8-21 | 4304733659 | 8 | S | 21 | E | 10 | 17123 | Gas Well | Plugged & Abandoned |
| OU GB 3W-16-8-22 | 4304733751 | 8 | S | 22 | E | 16 | 13577 | Gas Well | Plugged & Abandoned |
| OU GB 11W-16-8-22 | 4304733754 | 8 | S | 22 | E | 16 | 13582 | Gas Well | Plugged & Abandoned |
| RW 42-30B | 4304733771 | 7 | S | 23 | E | 30 | 5670 | Oil Well | Plugged & Abandoned |

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| RW 31-30B | 4304733788 | 7 | S | 23 | E | 30 | 5670 | Water Injection Well | Plugged & Abandoned |
| WV 10W-1-8-21 | 4304733794 | 8 | S | 21 | E | 1 | 17123 | Gas Well | Plugged & Abandoned |
| WV 12W-7-8-22 | 4304733808 | 8 | S | 22 | E | 7 | 17123 | Gas Well | Plugged & Abandoned |
| WV 6W-8-8-22 | 4304733811 | 8 | S | 22 | E | 8 | 17123 | Gas Well | Plugged & Abandoned |
| WV 7W-8-8-22 | 4304733812 | 8 | S | 22 | E | 8 | 17123 | Gas Well | Plugged & Abandoned |
| WV 1W-15-8-21 | 4304733902 | 8 | S | 21 | E | 15 | 17123 | Gas Well | Plugged & Abandoned |
| WV 10W-11-8-21 | 4304733910 | 8 | S | 21 | E | 11 | 17123 | Gas Well | Plugged & Abandoned |
| WV 8W-11-8-21 | 4304733957 | 8 | S | 21 | E | 11 | 17123 | Gas Well | Plugged & Abandoned |
| WV 12W-18-8-22 | 4304733993 | 8 | S | 22 | E | 18 | 17123 | Gas Well | Plugged & Abandoned |
| SU 13W-5-8-22 | 4304733994 | 8 | S | 22 | E | 5 | 13236 | Gas Well | Plugged & Abandoned |
| WV 8W-1-8-21 | 4304734009 | 8 | S | 21 | E | 1 | | Dry Hole | Plugged & Abandoned |
| WV 5W-36-7-21 | 4304734099 | 7 | S | 21 | E | 36 | | Dry Hole | Plugged & Abandoned |
| WV 12G-1-8-21 | 4304734108 | 8 | S | 21 | E | 1 | 5265 | Oil Well | Plugged & Abandoned |
| FED 9-17-10-18 | 4304734135 | 10 | S | 18 | E | 17 | 14366 | Water Injection Well | Plugged & Abandoned |
| GH 9W-17-8-21 | 4304734150 | 8 | S | 21 | E | 17 | 5355 | Oil Well | Plugged & Abandoned |
| WV 16W-11-8-21 | 4304734155 | 8 | S | 21 | E | 11 | 5265 | Gas Well | Plugged & Abandoned |
| WV 6W-12-8-21 | 4304734245 | 8 | S | 21 | E | 12 | 5265 | Gas Well | Plugged & Abandoned |
| WV 12W-12-8-21 | 4304734248 | 8 | S | 21 | E | 12 | 17123 | Gas Well | Plugged & Abandoned |
| WV 3W-12-8-21 | 4304734267 | 8 | S | 21 | E | 12 | | Dry Hole | Plugged & Abandoned |
| WV 4D-12-8-21 | 4304734268 | 8 | S | 21 | E | 12 | | Dry Hole | Plugged & Abandoned |
| WV 6W-14-8-21 | 4304734271 | 8 | S | 21 | E | 14 | 17123 | Gas Well | Plugged & Abandoned |
| WV 9W-11-8-21 | 4304734274 | 8 | S | 21 | E | 11 | | Dry Hole | Plugged & Abandoned |
| WV 12W-14-8-21 | 4304734279 | 8 | S | 21 | E | 14 | 17123 | Gas Well | Plugged & Abandoned |
| WV 14W-14-8-21 | 4304734281 | 8 | S | 21 | E | 14 | 17123 | Gas Well | Plugged & Abandoned |
| WVX 13G-5-8-22 | 4304734389 | 8 | S | 22 | E | 5 | 13738 | Oil Well | Plugged & Abandoned |
| WVX 15G-5-8-22 | 4304734390 | 8 | S | 22 | E | 5 | 13459 | Oil Well | Plugged & Abandoned |
| SU BRENNAN W 15W-18-7-22 | 4304734403 | 7 | S | 22 | E | 18 | 18653 | Gas Well | Plugged & Abandoned |
| WV 8W-7-8-22 | 4304734469 | 8 | S | 22 | E | 7 | 17123 | Gas Well | Plugged & Abandoned |
| OU GB 16W-19-8-22 | 4304734522 | 8 | S | 22 | E | 19 | 13476 | Gas Well | Plugged & Abandoned |
| OU GB 1W-30-8-22 | 4304734528 | 8 | S | 22 | E | 30 | 13487 | Gas Well | Plugged & Abandoned |
| OU GB 6W-19-8-22 | 4304734534 | 8 | S | 22 | E | 19 | 13475 | Gas Well | Plugged & Abandoned |
| OU GB 15W-19-8-22 | 4304734538 | 8 | S | 22 | E | 19 | 13482 | Gas Well | Plugged & Abandoned |
| WVX 10W-17-8-21 | 4304734561 | 8 | S | 21 | E | 17 | 5355 | Oil Well | Plugged & Abandoned |
| OU GB 8W-29-8-22 | 4304734575 | 8 | S | 22 | E | 29 | 13609 | Gas Well | Plugged & Abandoned |
| OU GB 1W-20-8-22 | 4304734604 | 8 | S | 22 | E | 20 | 13612 | Oil Well | Plugged & Abandoned |
| WRU GB 9MU-9-8-22 | 4304734650 | 8 | S | 22 | E | 9 | 13545 | Gas Well | Plugged & Abandoned |
| OU GB 16W-16-8-22 | 4304734655 | 8 | S | 22 | E | 16 | 13815 | Oil Well | Plugged & Abandoned |
| OU GB 8W-16-8-22 | 4304734660 | 8 | S | 22 | E | 16 | 13769 | Gas Well | Plugged & Abandoned |
| OU GB 3W-21-8-22 | 4304734686 | 8 | S | 22 | E | 21 | 13746 | Oil Well | Plugged & Abandoned |
| OU SG 7W-15-8-22 | 4304734722 | 8 | S | 22 | E | 15 | 13920 | Gas Well | Plugged & Abandoned |
| STATE 3-16-10-18 | 4304734766 | 10 | S | 18 | E | 16 | 14366 | Oil Well | Plugged & Abandoned |
| OU GB 15G-16-8-22 | 4304734829 | 8 | S | 22 | E | 16 | 13777 | Oil Well | Plugged & Abandoned |

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| WRU EIH 14W-26-8-22 | 4304734835 | 8 | S | 22 | E | 26 | 12528 | Gas Well | Plugged & Abandoned |
| OU SG 4W-11-8-22 | 4304735071 | 8 | S | 22 | E | 11 | | Dry Hole | Plugged & Abandoned |
| OU SG 5W-11-8-22 | 4304735072 | 8 | S | 22 | E | 11 | | Dry Hole | Plugged & Abandoned |
| SG 11SG-23-8-22 | 4304735099 | 8 | S | 22 | E | 23 | 13901 | Gas Well | Plugged & Abandoned |
| OU SG 14W-11-8-22 | 4304735114 | 8 | S | 22 | E | 11 | | Dry Hole | Plugged & Abandoned |
| WH 7G-10-7-24 | 4304735241 | 7 | S | 24 | E | 10 | 14002 | Gas Well | Plugged & Abandoned |
| OU SG 13W-11-8-22 | 4304735377 | 8 | S | 22 | E | 11 | 14796 | Dry Hole | Plugged & Abandoned |
| SG 3MU-11-8-22 | 4304735379 | 8 | S | 22 | E | 11 | 14978 | Gas Well | Plugged & Abandoned |
| SG 2MU-11-8-22 | 4304735381 | 8 | S | 22 | E | 11 | 14636 | Gas Well | Plugged & Abandoned |
| OU GB 8MU-10-8-22 | 4304735422 | 8 | S | 22 | E | 10 | | Dry Hole | Plugged & Abandoned |
| RWS 3ML-9-9-24 | 4304735483 | 9 | S | 24 | E | 9 | 15190 | Gas Well | Plugged & Abandoned |
| SG 11MU-14-8-22 | 4304735829 | 8 | S | 22 | E | 14 | 14486 | Gas Well | Plugged & Abandoned |
| NBE 8ML-12-9-23 | 4304736143 | 9 | S | 23 | E | 12 | 15859 | Gas Well | Plugged & Abandoned |
| EIH X 2MU-36-8-22 | 4304736446 | 8 | S | 22 | E | 36 | 14840 | Gas Well | Plugged & Abandoned |
| RW 43-26AG | 4304736769 | 7 | S | 22 | E | 26 | 16575 | Oil Well | Plugged & Abandoned |
| RW 43-23AG | 4304736770 | 7 | S | 22 | E | 23 | 5670 | Oil Well | Plugged & Abandoned |
| NBZ 4D-30-8-24 | 4304737229 | 8 | S | 24 | E | 30 | | Dry Hole | Plugged & Abandoned |
| NBZ 6ML-30-8-24 | 4304737230 | 8 | S | 24 | E | 30 | | Dry Hole | Plugged & Abandoned |
| NBZ 10ML-30-8-24 | 4304737232 | 8 | S | 24 | E | 30 | | Dry Hole | Plugged & Abandoned |
| NBZ 12D-30-8-24 | 4304737233 | 8 | S | 24 | E | 30 | | Dry Hole | Plugged & Abandoned |
| NBZ 14ML-30-8-24 | 4304737234 | 8 | S | 24 | E | 30 | | Dry Hole | Plugged & Abandoned |
| NBZ 6D-31-8-24 | 4304737235 | 8 | S | 24 | E | 31 | | Dry Hole | Plugged & Abandoned |
| NBZ 4D-31-8-24 | 4304737236 | 8 | S | 24 | E | 31 | | Dry Hole | Plugged & Abandoned |
| NBZ 2ML-31-8-24 | 4304737239 | 8 | S | 24 | E | 31 | | Dry Hole | Plugged & Abandoned |
| NBZ 11D-29-8-24 | 4304737240 | 8 | S | 24 | E | 29 | | Dry Hole | Plugged & Abandoned |
| NBZ 5D-29-8-24 | 4304737241 | 8 | S | 24 | E | 29 | | Dry Hole | Plugged & Abandoned |
| NBZ 9D-29-8-24 | 4304737244 | 8 | S | 24 | E | 29 | | Dry Hole | Plugged & Abandoned |
| NBZ 15ML-29-8-24 | 4304737246 | 8 | S | 24 | E | 29 | | Dry Hole | Plugged & Abandoned |
| CWD 3D-32-8-24 | 4304737274 | 8 | S | 24 | E | 32 | | Dry Hole | Plugged & Abandoned |
| RWS 8D-5-9-24 | 4304737307 | 9 | S | 24 | E | 5 | | Dry Hole | Plugged & Abandoned |
| RWS 16ML-5-9-24 | 4304737311 | 9 | S | 24 | E | 5 | | Dry Hole | Plugged & Abandoned |
| RWS 2D-6-9-24 | 4304737411 | 9 | S | 24 | E | 6 | | Dry Hole | Plugged & Abandoned |
| WV 3D-13-8-21 | 4304737923 | 8 | S | 21 | E | 13 | 17123 | Gas Well | Plugged & Abandoned |
| WV 15AML-12-8-21 | 4304737925 | 8 | S | 21 | E | 12 | 17123 | Gas Well | Plugged & Abandoned |
| RW 12-32BG | 4304737946 | 7 | S | 23 | E | 32 | 5670 | Gas Well | Plugged & Abandoned |
| HR 10MU-2-12-23 | 4304738055 | 12 | S | 23 | E | 2 | | Dry Hole | Plugged & Abandoned |
| WF 8C-15-15-19 | 4304738405 | 15 | S | 19 | E | 15 | | Dry Hole | Plugged & Abandoned |
| WRU EIH 14BD-35-8-22 | 4304738642 | 8 | S | 22 | E | 35 | | Dry Hole | Plugged & Abandoned |
| RWS 5ML-9-9-24 | 4304738645 | 9 | S | 24 | E | 9 | | Dry Hole | Plugged & Abandoned |
| RWS 12ML-9-9-24 | 4304738646 | 9 | S | 24 | E | 9 | | Dry Hole | Plugged & Abandoned |
| GB 4SG-36-8-21 | 4304738764 | 8 | S | 21 | E | 36 | 16142 | Gas Well | Plugged & Abandoned |
| GB 7SG-36-8-21 | 4304738765 | 8 | S | 21 | E | 36 | 16144 | Gas Well | Plugged & Abandoned |

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| GB 12SG-29-8-22 | 4304738766 | 8 | S | 22 | E | 29 | 16096 | Gas Well | Plugged & Abandoned |
| GB 10SG-30-8-22 | 4304738767 | 8 | S | 22 | E | 30 | 16143 | Gas Well | Plugged & Abandoned |
| NBZ 10D-31-8-24 | 4304739456 | 8 | S | 24 | E | 31 | | Dry Hole | Plugged & Abandoned |
| NBZ 12D-31-8-24 | 4304739457 | 8 | S | 24 | E | 31 | | Dry Hole | Plugged & Abandoned |
| NBZ 14D-31-8-24 | 4304739458 | 8 | S | 24 | E | 31 | | Dry Hole | Plugged & Abandoned |
| RWS 7D-6-9-24 | 4304739494 | 9 | S | 24 | E | 6 | | Dry Hole | Plugged & Abandoned |
| RWS 9D-6-9-24 | 4304739497 | 9 | S | 24 | E | 6 | | Dry Hole | Plugged & Abandoned |
| RWS 13D-5-9-24 | 4304739505 | 9 | S | 24 | E | 5 | | Dry Hole | Plugged & Abandoned |
| WRU GB 14G-4-8-22 | 4304740097 | 8 | S | 22 | E | 4 | 4915 | Oil Well | Plugged & Abandoned |
| NBZ 16D-30-8-24 | 4304740355 | 8 | S | 24 | E | 30 | | Dry Hole | Plugged & Abandoned |
| CWD 7D-32-8-24 | 4304740477 | 8 | S | 24 | E | 32 | | Dry Hole | Plugged & Abandoned |
| CWD 9D-32-8-24 | 4304740478 | 8 | S | 24 | E | 32 | | Dry Hole | Plugged & Abandoned |
| RWS 13D-9-9-24 | 4304740480 | 9 | S | 24 | E | 9 | | Dry Hole | Plugged & Abandoned |
| NBZ 2D-30-8-24 | 4304740485 | 8 | S | 24 | E | 30 | | Dry Hole | Plugged & Abandoned |
| RW 23-19B | 4304751725 | 7 | S | 23 | E | 19 | 5670 | Gas Well | Plugged & Abandoned |
| RW 24-25AGR | 4304753441 | 7 | S | 22 | E | 25 | 5670 | Oil Well | Plugged & Abandoned |
| WEST RIVER BEND 16-17-10-17 | 4301332057 | 10 | S | 17 | E | 17 | 14543 | Oil Well | Producing |
| GD 1G-34-9-15 | 4301333827 | 9 | S | 15 | E | 34 | 18651 | Oil Well | Producing |
| GD 16G-35-9-15 | 4301333833 | 9 | S | 15 | E | 35 | 18652 | Oil Well | Producing |
| WR 4G-35-10-17 | 4301350414 | 10 | S | 17 | E | 35 | 18474 | Oil Well | Producing |
| WR 9G-5-10-17 | 4301350417 | 10 | S | 17 | E | 5 | 18554 | Oil Well | Producing |
| WR 6G-32-10-17 | 4301351631 | 10 | S | 17 | E | 32 | 17720 | Oil Well | Producing |
| STATE 1 | 4304715128 | 7 | S | 24 | E | 36 | 5878 | Gas Well | Producing |
| RW 34-23B | 4304715136 | 7 | S | 23 | E | 23 | 5670 | Oil Well | Producing |
| RW 41-23B | 4304715138 | 7 | S | 23 | E | 23 | 5670 | Oil Well | Producing |
| RW 32-22B | 4304715139 | 7 | S | 23 | E | 22 | 18478 | Gas Well | Producing |
| RW 43-23B | 4304715140 | 7 | S | 23 | E | 23 | 5670 | Oil Well | Producing |
| RW 34-26B | 4304715148 | 7 | S | 23 | E | 26 | 18478 | Gas Well | Producing |
| RW 32-14B | 4304715150 | 7 | S | 23 | E | 14 | 5670 | Oil Well | Producing |
| RW 34-14B | 4304715152 | 7 | S | 23 | E | 14 | 18478 | Oil Well | Producing |
| RW 23-22B | 4304715153 | 7 | S | 23 | E | 22 | 18478 | Gas Well | Producing |
| RW 43-22B | 4304715155 | 7 | S | 23 | E | 22 | 17914 | Gas Well | Producing |
| RW 32-23B | 4304715156 | 7 | S | 23 | E | 23 | 5670 | Oil Well | Producing |
| RW 23-13B | 4304715157 | 7 | S | 23 | E | 13 | 17878 | Gas Well | Producing |
| RW 34-22B | 4304715158 | 7 | S | 23 | E | 22 | 18478 | Gas Well | Producing |
| RW 14-23B | 4304715165 | 7 | S | 23 | E | 23 | 18478 | Gas Well | Producing |
| RW 14-24A | 4304715166 | 7 | S | 22 | E | 24 | 17554 | Gas Well | Producing |
| RW 21-24B | 4304715167 | 7 | S | 23 | E | 24 | 18478 | Gas Well | Producing |
| RW 21-29C | 4304715169 | 7 | S | 24 | E | 29 | 5670 | Gas Well | Producing |
| RW 12-17B | 4304715170 | 7 | S | 23 | E | 17 | 5670 | Oil Well | Producing |
| RW 32-33C | 4304715171 | 7 | S | 24 | E | 33 | 5670 | Gas Well | Producing |
| RW 14-23A | 4304715176 | 7 | S | 22 | E | 23 | 18478 | Gas Well | Producing |

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| RW 12-16B | 4304715177 | 7 | S | 23 | E | 16 | 5670 | Oil Well | Producing |
| RW 14-18B | 4304715178 | 7 | S | 23 | E | 18 | 18478 | Gas Well | Producing |
| RW 12-18C | 4304715183 | 7 | S | 24 | E | 18 | 5670 | Oil Well | Producing |
| RW 21-22B | 4304715186 | 7 | S | 23 | E | 22 | 18478 | Gas Well | Producing |
| RW 21-27B | 4304715191 | 7 | S | 23 | E | 27 | 18478 | Gas Well | Producing |
| RW 23-22A | 4304715192 | 7 | S | 22 | E | 22 | 5670 | Oil Well | Producing |
| RW 21-18C | 4304715193 | 7 | S | 24 | E | 18 | 5670 | Oil Well | Producing |
| RW 12-13B | 4304715196 | 7 | S | 23 | E | 13 | 18478 | Gas Well | Producing |
| RW 32-18C | 4304715198 | 7 | S | 24 | E | 18 | 5670 | Gas Well | Producing |
| RWU 77 (21-13B) | 4304715199 | 7 | S | 23 | E | 13 | 5670 | Oil Well | Producing |
| RW 32-28B | 4304715200 | 7 | S | 23 | E | 28 | 5670 | Oil Well | Producing |
| RW 12-27B | 4304715201 | 7 | S | 23 | E | 27 | 17983 | Gas Well | Producing |
| RW 14-27B | 4304715202 | 7 | S | 23 | E | 27 | 5670 | Oil Well | Producing |
| RW 41-31B | 4304715203 | 7 | S | 23 | E | 31 | 5670 | Oil Well | Producing |
| RW 41-27A | 4304715205 | 7 | S | 22 | E | 27 | 17880 | Gas Well | Producing |
| RW 44-14B | 4304715206 | 7 | S | 23 | E | 14 | 17913 | Gas Well | Producing |
| RW 43-21B | 4304715211 | 7 | S | 23 | E | 21 | 5670 | Oil Well | Producing |
| RW 12-22A | 4304715213 | 7 | S | 22 | E | 22 | 5670 | Oil Well | Producing |
| RW 12-22B | 4304715218 | 7 | S | 23 | E | 22 | 5670 | Oil Well | Producing |
| RW 34-21B | 4304715220 | 7 | S | 23 | E | 21 | 5670 | Oil Well | Producing |
| RW 34-15B | 4304715222 | 7 | S | 23 | E | 15 | 5670 | Oil Well | Producing |
| RW 32-21B | 4304715226 | 7 | S | 23 | E | 21 | 5670 | Oil Well | Producing |
| RW 21-28B | 4304715227 | 7 | S | 23 | E | 28 | 5670 | Oil Well | Producing |
| RW 23-23A | 4304715228 | 7 | S | 22 | E | 23 | 5670 | Oil Well | Producing |
| RW 32-24A | 4304715229 | 7 | S | 22 | E | 24 | 5670 | Oil Well | Producing |
| RW 32-28A | 4304715230 | 7 | S | 22 | E | 28 | 18478 | Gas Well | Producing |
| RW 21-19B | 4304715233 | 7 | S | 23 | E | 19 | 5670 | Oil Well | Producing |
| RW 23-28B | 4304715237 | 7 | S | 23 | E | 28 | 17525 | Gas Well | Producing |
| RW 13-13B | 4304715238 | 7 | S | 23 | E | 13 | 5670 | Gas Well | Producing |
| RW 24-14B | 4304715239 | 7 | S | 23 | E | 14 | 5670 | Oil Well | Producing |
| RW 41-29A | 4304715243 | 7 | S | 22 | E | 29 | 5670 | Oil Well | Producing |
| RW 14-15B | 4304715246 | 7 | S | 23 | E | 15 | 5670 | Oil Well | Producing |
| RW 41-30B | 4304715254 | 7 | S | 23 | E | 30 | 5670 | Oil Well | Producing |
| RW 24-22B | 4304715255 | 7 | S | 23 | E | 22 | 5670 | Oil Well | Producing |
| RW 33-14B | 4304715257 | 7 | S | 23 | E | 14 | 5670 | Oil Well | Producing |
| RW 22-22B | 4304715260 | 7 | S | 23 | E | 22 | 17807 | Gas Well | Producing |
| RW 42-14B | 4304715264 | 7 | S | 23 | E | 14 | 5670 | Oil Well | Producing |
| RW 14-29B | 4304715265 | 7 | S | 23 | E | 29 | 18478 | Gas Well | Producing |
| RW 32-30B | 4304715268 | 7 | S | 23 | E | 30 | 17718 | Gas Well | Producing |
| RW 32-15B | 4304715270 | 7 | S | 23 | E | 15 | 5670 | Oil Well | Producing |
| RW 12-20B | 4304715272 | 7 | S | 23 | E | 20 | 18478 | Gas Well | Producing |
| RW 12-28B | 4304715274 | 7 | S | 23 | E | 28 | 5670 | Oil Well | Producing |

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| RW 32-26B | 4304715275 | 7 | S | 23 | E | 26 | 18478 | Gas Well | Producing |
| RW 31-28B | 4304715283 | 7 | S | 23 | E | 28 | 18478 | Oil Well | Producing |
| RW 34-30B | 4304715288 | 7 | S | 23 | E | 30 | 5670 | Oil Well | Producing |
| RW 23-26B | 4304715290 | 7 | S | 23 | E | 26 | 18478 | Gas Well | Producing |
| RW 12-14B | 4304715296 | 7 | S | 23 | E | 14 | 18478 | Gas Well | Producing |
| RW 32-28C | 4304715302 | 7 | S | 24 | E | 28 | 5670 | Gas Well | Producing |
| WV 43 | 4304715471 | 8 | S | 21 | E | 11 | 5265 | Oil Well | Producing |
| WV 48 | 4304715476 | 8 | S | 21 | E | 10 | 5265 | Oil Well | Producing |
| RW 43-28B | 4304716475 | 7 | S | 23 | E | 28 | 18478 | Oil Well | Producing |
| RW 41-15B | 4304716495 | 7 | S | 23 | E | 15 | 18478 | Gas Well | Producing |
| RW 41-14B | 4304716498 | 7 | S | 23 | E | 14 | 18478 | Gas Well | Producing |
| WV 32 | 4304716513 | 8 | S | 21 | E | 16 | 5265 | Oil Well | Producing |
| WV 53 | 4304720003 | 8 | S | 21 | E | 10 | 5265 | Oil Well | Producing |
| WV 55 | 4304720005 | 8 | S | 21 | E | 14 | 5265 | Oil Well | Producing |
| RW 41-8F | 4304720014 | 8 | S | 24 | E | 8 | 5670 | Gas Well | Producing |
| WV 62 | 4304720024 | 8 | S | 21 | E | 10 | 5265 | Oil Well | Producing |
| WV 65 | 4304720041 | 8 | S | 21 | E | 15 | 5265 | Oil Well | Producing |
| WV 74 | 4304720078 | 8 | S | 21 | E | 16 | 5265 | Oil Well | Producing |
| WV 75 | 4304720085 | 8 | S | 21 | E | 16 | 5265 | Oil Well | Producing |
| WV 103 | 4304730021 | 8 | S | 21 | E | 14 | 5265 | Oil Well | Producing |
| WV 105 | 4304730023 | 8 | S | 21 | E | 10 | 5265 | Oil Well | Producing |
| GH 4 | 4304730028 | 8 | S | 21 | E | 19 | 5355 | Oil Well | Producing |
| WV 109 | 4304730045 | 8 | S | 21 | E | 15 | 5265 | Oil Well | Producing |
| WV 110 | 4304730046 | 8 | S | 21 | E | 14 | 5265 | Oil Well | Producing |
| WV 112 | 4304730048 | 8 | S | 21 | E | 15 | 5265 | Oil Well | Producing |
| RW 32-24B | 4304730313 | 7 | S | 23 | E | 24 | 5670 | Oil Well | Producing |
| RW 34-18C | 4304730314 | 7 | S | 24 | E | 18 | 5670 | Oil Well | Producing |
| RW 21-19C | 4304730340 | 7 | S | 24 | E | 19 | 5670 | Gas Well | Producing |
| RW 14-25B | 4304730341 | 7 | S | 23 | E | 25 | 5670 | Oil Well | Producing |
| RW 22-14B | 4304730345 | 7 | S | 23 | E | 14 | 5670 | Oil Well | Producing |
| RW 42-13B | 4304730346 | 7 | S | 23 | E | 13 | 5670 | Oil Well | Producing |
| RW 23-19C | 4304730348 | 7 | S | 24 | E | 19 | 5670 | Gas Well | Producing |
| RW 22-18C | 4304730387 | 7 | S | 24 | E | 18 | 5670 | Oil Well | Producing |
| RW 24-26B | 4304730518 | 7 | S | 23 | E | 26 | 18478 | Gas Well | Producing |
| RW 44-26B | 4304730520 | 7 | S | 23 | E | 26 | 18478 | Gas Well | Producing |
| RW 33-26B | 4304730521 | 7 | S | 23 | E | 26 | 17950 | Gas Well | Producing |
| KAYE STATE 1-16 | 4304730609 | 10 | S | 23 | E | 16 | 5395 | Gas Well | Producing |
| WV 124 | 4304730745 | 8 | S | 21 | E | 15 | 5265 | Oil Well | Producing |
| WV 128 | 4304730798 | 8 | S | 21 | E | 10 | 5265 | Oil Well | Producing |
| WV 132 | 4304730822 | 8 | S | 21 | E | 15 | 5265 | Oil Well | Producing |
| RW 42-27B | 4304731051 | 7 | S | 23 | E | 27 | 17707 | Gas Well | Producing |
| RW 44-27B | 4304731053 | 7 | S | 23 | E | 27 | 18478 | Gas Well | Producing |

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| RW 44-23B | 4304731054 | 7 | S | 23 | E | 23 | 5670 | Gas Well | Producing |
| GH 1-19 | 4304731065 | 8 | S | 21 | E | 19 | 5355 | Oil Well | Producing |
| RW 22-35B | 4304731082 | 7 | S | 23 | E | 35 | 5670 | Oil Well | Producing |
| WV 134 | 4304731118 | 8 | S | 21 | E | 16 | 5265 | Oil Well | Producing |
| RW 33-23B | 4304731476 | 7 | S | 23 | E | 23 | 17915 | Gas Well | Producing |
| RW 11-24B | 4304731477 | 7 | S | 23 | E | 24 | 5670 | Oil Well | Producing |
| RW 42-21B | 4304731478 | 7 | S | 23 | E | 21 | 18478 | Gas Well | Producing |
| RW 13-24B | 4304731517 | 7 | S | 23 | E | 24 | 5670 | Oil Well | Producing |
| WV 137 | 4304731523 | 8 | S | 21 | E | 11 | 5265 | Oil Well | Producing |
| GH 23-21 | 4304731541 | 8 | S | 21 | E | 21 | 5355 | Oil Well | Producing |
| GB 2-17 | 4304731555 | 8 | S | 22 | E | 17 | 13727 | Oil Well | Producing |
| RW 42-23B | 4304731576 | 7 | S | 23 | E | 23 | 18478 | Gas Well | Producing |
| RW 24-15B | 4304731579 | 7 | S | 23 | E | 15 | 5670 | Oil Well | Producing |
| RW 24-18C | 4304731582 | 7 | S | 24 | E | 18 | 5670 | Gas Well | Producing |
| WV 141 | 4304731609 | 8 | S | 21 | E | 16 | 5265 | Oil Well | Producing |
| WV 127 | 4304731611 | 8 | S | 21 | E | 16 | 5265 | Oil Well | Producing |
| RW 43-15B | 4304731682 | 7 | S | 23 | E | 15 | 17643 | Gas Well | Producing |
| WV 133 | 4304731706 | 8 | S | 21 | E | 15 | 5265 | Oil Well | Producing |
| WV 144 | 4304731807 | 8 | S | 21 | E | 10 | 5265 | Oil Well | Producing |
| RW 34-17B | 4304731819 | 7 | S | 23 | E | 17 | 5670 | Oil Well | Producing |
| GH 4-21 | 4304731826 | 8 | S | 21 | E | 21 | 5355 | Oil Well | Producing |
| GH 5-21 | 4304731827 | 8 | S | 21 | E | 21 | 5355 | Oil Well | Producing |
| WV 121 | 4304731873 | 8 | S | 21 | E | 14 | 17123 | Gas Well | Producing |
| GH 9 | 4304732304 | 8 | S | 21 | E | 20 | 5355 | Oil Well | Producing |
| WV 130 | 4304732307 | 8 | S | 21 | E | 22 | 5265 | Oil Well | Producing |
| GH 11 | 4304732459 | 8 | S | 21 | E | 20 | 5355 | Oil Well | Producing |
| GH 13 | 4304732460 | 8 | S | 21 | E | 21 | 5355 | Oil Well | Producing |
| WV 119 | 4304732461 | 8 | S | 21 | E | 21 | 5265 | Oil Well | Producing |
| GB 8-19 | 4304732476 | 8 | S | 22 | E | 19 | 13727 | Oil Well | Producing |
| EAST COYOTE FED 14-4-8-25 | 4304732493 | 8 | S | 25 | E | 4 | 11630 | Oil Well | Producing |
| RW 23-23C | 4304732629 | 7 | S | 24 | E | 23 | 5670 | Gas Well | Producing |
| GH 14 | 4304732647 | 8 | S | 21 | E | 20 | 5355 | Oil Well | Producing |
| GH 18 | 4304732650 | 8 | S | 21 | E | 20 | 5355 | Oil Well | Producing |
| GH 20 | 4304732652 | 8 | S | 21 | E | 20 | 5355 | Oil Well | Producing |
| GH 16 | 4304732675 | 8 | S | 21 | E | 20 | 5355 | Oil Well | Producing |
| PRINCE 4 | 4304732677 | 7 | S | 24 | E | 3 | 7035 | Oil Well | Producing |
| RW 14-17B | 4304732738 | 7 | S | 23 | E | 17 | 5670 | Oil Well | Producing |
| RW 14-16B | 4304732785 | 7 | S | 23 | E | 16 | 5670 | Oil Well | Producing |
| RW 34-16B | 4304732786 | 7 | S | 23 | E | 16 | 5670 | Oil Well | Producing |
| GH 22 WG | 4304732818 | 8 | S | 21 | E | 22 | 12336 | Gas Well | Producing |
| WV 54 WG | 4304732821 | 8 | S | 22 | E | 7 | 17123 | Gas Well | Producing |
| WV 69 WG | 4304732829 | 8 | S | 22 | E | 18 | 17123 | Gas Well | Producing |

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| WV 38 WG | 4304732831 | 8 | S | 22 | E | 8 | 17123 | Gas Well | Producing |
| GB 11-16-8-22 | 4304732857 | 8 | S | 22 | E | 16 | 13727 | Oil Well | Producing |
| RW 32-17B | 4304732981 | 7 | S | 23 | E | 17 | 5670 | Oil Well | Producing |
| RW 32-18B | 4304733018 | 7 | S | 23 | E | 18 | 5670 | Oil Well | Producing |
| GB 8A-36-8-21 | 4304733037 | 8 | S | 21 | E | 36 | 12377 | Gas Well | Producing |
| WV 146 WG | 4304733128 | 8 | S | 22 | E | 19 | 17123 | Gas Well | Producing |
| DESERT SPRING 3-29-10-18 | 4304733162 | 10 | S | 18 | E | 29 | 14366 | Oil Well | Producing |
| DESERT SPRING 16-19-10-18 | 4304733164 | 10 | S | 18 | E | 19 | 14366 | Oil Well | Producing |
| WV 1W-14-8- 21 | 4304733220 | 8 | S | 21 | E | 14 | 17123 | Gas Well | Producing |
| WV 5W-13- 8-21 | 4304733221 | 8 | S | 21 | E | 13 | 17123 | Gas Well | Producing |
| WV 46 WG | 4304733241 | 8 | S | 22 | E | 7 | 17123 | Gas Well | Producing |
| WV 2W-16-8-21 | 4304733246 | 8 | S | 21 | E | 16 | 17123 | Gas Well | Producing |
| WV 2G-16-8-21 | 4304733247 | 8 | S | 21 | E | 16 | 5265 | Oil Well | Producing |
| OU GB 15-18-8-22 | 4304733364 | 8 | S | 22 | E | 18 | 12690 | Gas Well | Producing |
| WRU EIH 12W-35-8-22 | 4304733393 | 8 | S | 22 | E | 35 | 12528 | Gas Well | Producing |
| RW 42-20B | 4304733490 | 7 | S | 23 | E | 20 | 5670 | Oil Well | Producing |
| RW 22-20B | 4304733491 | 7 | S | 23 | E | 20 | 5670 | Oil Well | Producing |
| RW 24-19B | 4304733492 | 7 | S | 23 | E | 19 | 5670 | Oil Well | Producing |
| WV 11W-7-8-22 | 4304733495 | 8 | S | 22 | E | 7 | 17123 | Gas Well | Producing |
| WV 13W-7-8-22 | 4304733496 | 8 | S | 22 | E | 7 | 17123 | Gas Well | Producing |
| WV 1W-7-8-22 | 4304733501 | 8 | S | 22 | E | 7 | 17123 | Gas Well | Producing |
| WV 7WRG-7-8-22 | 4304733503 | 8 | S | 22 | E | 7 | 5265 | Oil Well | Producing |
| OU GB 3W-17-8-22 | 4304733513 | 8 | S | 22 | E | 17 | 12950 | Gas Well | Producing |
| OU GB 5W-17-8-22 | 4304733514 | 8 | S | 22 | E | 17 | 12873 | Gas Well | Producing |
| WV 9W-8-8-22 | 4304733515 | 8 | S | 22 | E | 8 | 13395 | Gas Well | Producing |
| OU GB 9W-18-8-22 | 4304733516 | 8 | S | 22 | E | 18 | 12997 | Gas Well | Producing |
| RW 24-20B | 4304733523 | 7 | S | 23 | E | 20 | 5670 | Oil Well | Producing |
| RW 44-19B | 4304733524 | 7 | S | 23 | E | 19 | 5670 | Oil Well | Producing |
| RW 44-20B | 4304733525 | 7 | S | 23 | E | 20 | 5670 | Oil Well | Producing |
| OU GB 3W-20-8-22 | 4304733526 | 8 | S | 22 | E | 20 | 13514 | Gas Well | Producing |
| WV 6W-16-8-21 | 4304733527 | 8 | S | 21 | E | 16 | 17123 | Gas Well | Producing |
| WV 3W-18-8-22 | 4304733533 | 8 | S | 22 | E | 18 | 17123 | Gas Well | Producing |
| WV 13W-18-8-22 | 4304733538 | 8 | S | 22 | E | 18 | 17123 | Gas Well | Producing |
| RW 24-18B | 4304733554 | 7 | S | 23 | E | 18 | 5670 | Oil Well | Producing |
| RW 22-19B | 4304733559 | 7 | S | 23 | E | 19 | 5670 | Oil Well | Producing |
| GH 10G-19-8-21 | 4304733566 | 8 | S | 21 | E | 19 | 5355 | Oil Well | Producing |
| RW 23-24A | 4304733567 | 7 | S | 22 | E | 24 | 5670 | Oil Well | Producing |
| GH 1W-32-8-21 | 4304733570 | 8 | S | 21 | E | 32 | 12797 | Gas Well | Producing |
| GH 3W-32-8-21 | 4304733571 | 8 | S | 21 | E | 32 | 12796 | Gas Well | Producing |
| GH 7W-32-8-21 | 4304733573 | 8 | S | 21 | E | 32 | 12872 | Gas Well | Producing |
| RW 21-25A | 4304733576 | 7 | S | 22 | E | 25 | 5670 | Oil Well | Producing |
| RW 41-25A | 4304733579 | 7 | S | 22 | E | 25 | 5670 | Oil Well | Producing |

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| RW 21-24A | 4304733592 | 7 | S | 22 | E | 24 | 5670 | Oil Well | Producing |
| RW 44-18B | 4304733594 | 7 | S | 23 | E | 18 | 5670 | Oil Well | Producing |
| WV 1W-21-8-21 | 4304733602 | 8 | S | 21 | E | 21 | 17123 | Gas Well | Producing |
| WV 3W-24-8-21 | 4304733605 | 8 | S | 21 | E | 24 | 17123 | Gas Well | Producing |
| WV 1W-24-8-21 | 4304733613 | 8 | S | 21 | E | 24 | 17123 | Gas Well | Producing |
| KENNEDY WASH 13-1 | 4304733615 | 8 | S | 22 | E | 13 | 12926 | Gas Well | Producing |
| WV 12W-16-8-21 | 4304733649 | 8 | S | 21 | E | 16 | 17123 | Gas Well | Producing |
| WV 12G-16-8-21 | 4304733650 | 8 | S | 21 | E | 16 | 5265 | Oil Well | Producing |
| WR 13W-3-8-22 | 4304733651 | 8 | S | 22 | E | 3 | 13544 | Gas Well | Producing |
| WV 2W-10-8-21 | 4304733655 | 8 | S | 21 | E | 10 | 5265 | Oil Well | Producing |
| WV 12G-10-8-21 | 4304733660 | 8 | S | 21 | E | 10 | 5265 | Oil Well | Producing |
| WV 15W-9-8-21 | 4304733661 | 8 | S | 21 | E | 9 | 17123 | Gas Well | Producing |
| WV 15G-9-8-21 | 4304733662 | 8 | S | 21 | E | 9 | 5265 | Oil Well | Producing |
| OU GB 12W-30-8-22 | 4304733670 | 8 | S | 22 | E | 30 | 13380 | Gas Well | Producing |
| GH 2W-32-8-21 | 4304733744 | 8 | S | 21 | E | 32 | 13029 | Gas Well | Producing |
| GH 4W-32-8-21 | 4304733745 | 8 | S | 21 | E | 32 | 13035 | Gas Well | Producing |
| GH 8W-32-8-21 | 4304733746 | 8 | S | 21 | E | 32 | 13030 | Gas Well | Producing |
| OU GB 5W-16-8-22 | 4304733752 | 8 | S | 22 | E | 16 | 13570 | Gas Well | Producing |
| GH 6W-32-8-21 | 4304733753 | 8 | S | 21 | E | 32 | 13036 | Gas Well | Producing |
| RW 41-24A | 4304733769 | 7 | S | 22 | E | 24 | 5670 | Oil Well | Producing |
| RWU 44-30B | 4304733772 | 7 | S | 23 | E | 30 | 5670 | Oil Well | Producing |
| RW 22-25A | 4304733786 | 7 | S | 22 | E | 25 | 5670 | Oil Well | Producing |
| WV 6W-13-8-21 | 4304733792 | 8 | S | 21 | E | 13 | 17123 | Gas Well | Producing |
| WV 8W-13-8-21 | 4304733793 | 8 | S | 21 | E | 13 | 17123 | Gas Well | Producing |
| WV 10W-13-8-21 | 4304733795 | 8 | S | 21 | E | 13 | 17123 | Gas Well | Producing |
| WV 16W-13-8-21 | 4304733796 | 8 | S | 21 | E | 13 | 17123 | Gas Well | Producing |
| STATE 1-16-10-18 | 4304733807 | 10 | S | 18 | E | 16 | 14366 | Oil Well | Producing |
| WV 10W-7-8-22 | 4304733813 | 8 | S | 22 | E | 7 | 17123 | Gas Well | Producing |
| WV 10W-8-8-22 | 4304733814 | 8 | S | 22 | E | 8 | 13450 | Gas Well | Producing |
| WV 6W-7-8-22 | 4304733828 | 8 | S | 22 | E | 7 | 17123 | Gas Well | Producing |
| GH 7W-21-8-21 | 4304733845 | 8 | S | 21 | E | 21 | 13050 | Gas Well | Producing |
| GH 9W-21-8-21 | 4304733846 | 8 | S | 21 | E | 21 | 13074 | Gas Well | Producing |
| GH 11W-21-8-21 | 4304733847 | 8 | S | 21 | E | 21 | 13049 | Gas Well | Producing |
| GH 15W-21-8-21 | 4304733848 | 8 | S | 21 | E | 21 | 13051 | Gas Well | Producing |
| WV 5W-23-8-21 | 4304733860 | 8 | S | 21 | E | 23 | 5265 | Oil Well | Producing |
| WV 1W-23-8-21 | 4304733904 | 8 | S | 21 | E | 23 | 17123 | Gas Well | Producing |
| WV 2W-9-8-21 | 4304733905 | 8 | S | 21 | E | 9 | 13676 | Gas Well | Producing |
| WV 6W-11-8-21 | 4304733906 | 8 | S | 21 | E | 11 | 17123 | Gas Well | Producing |
| WV 7W-22-8-21 | 4304733907 | 8 | S | 21 | E | 22 | 13230 | Gas Well | Producing |
| WV 7W-24-8-21 | 4304733908 | 8 | S | 21 | E | 24 | 17123 | Gas Well | Producing |
| WV 9W-23-8-21 | 4304733909 | 8 | S | 21 | E | 23 | 13160 | Gas Well | Producing |
| WV 11W-17-8-21 | 4304733912 | 8 | S | 21 | E | 17 | 13228 | Gas Well | Producing |

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| WV 13W-15-8-21 | 4304733914 | 8 | S | 21 | E | 15 | 5265 | Oil Well | Producing |
| GH 14W-20-8-21 | 4304733915 | 8 | S | 21 | E | 20 | 13073 | Gas Well | Producing |
| GB 1W-36-8-21 | 4304733944 | 8 | S | 21 | E | 36 | 13439 | Gas Well | Producing |
| OU GB 9W-19-8-22 | 4304733946 | 8 | S | 22 | E | 19 | 13393 | Gas Well | Producing |
| OU GB 10W-30-8-22 | 4304733947 | 8 | S | 22 | E | 30 | 13389 | Gas Well | Producing |
| OU GB 12W-19-8-22 | 4304733948 | 8 | S | 22 | E | 19 | 13388 | Gas Well | Producing |
| WV 5W-17-8-21 | 4304733954 | 8 | S | 21 | E | 17 | 5355 | Gas Well | Producing |
| WV 7W-17-8-21 | 4304733956 | 8 | S | 21 | E | 17 | 13330 | Gas Well | Producing |
| GB 9W-25-8-21 | 4304733960 | 8 | S | 21 | E | 25 | 13390 | Gas Well | Producing |
| WV 12W-13-8-21 | 4304733961 | 8 | S | 21 | E | 13 | 17123 | Gas Well | Producing |
| WV 14W-13-8-21 | 4304733962 | 8 | S | 21 | E | 13 | 17123 | Gas Well | Producing |
| WV 15W-14-8-21 | 4304733963 | 8 | S | 21 | E | 14 | 17123 | Gas Well | Producing |
| SU 1W-5-8-22 | 4304733985 | 8 | S | 22 | E | 5 | 13369 | Gas Well | Producing |
| WV 2W-18-8-22 | 4304733986 | 8 | S | 22 | E | 18 | 17123 | Gas Well | Producing |
| SU 7W-5-8-22 | 4304733988 | 8 | S | 22 | E | 5 | 13235 | Gas Well | Producing |
| SU 9W-5-8-22 | 4304733990 | 8 | S | 22 | E | 5 | 13238 | Gas Well | Producing |
| WV 8W-8-8-22 | 4304734005 | 8 | S | 22 | E | 8 | 13320 | Gas Well | Producing |
| WV 14W-8-8-22 | 4304734007 | 8 | S | 22 | E | 8 | 13322 | Gas Well | Producing |
| OU GB 6W-9-8-22 | 4304734010 | 8 | S | 22 | E | 9 | 13545 | Gas Well | Producing |
| OU GB 5W-30-8-22 | 4304734025 | 8 | S | 22 | E | 30 | 13502 | Gas Well | Producing |
| WV 10G-2-8-21 | 4304734035 | 8 | S | 21 | E | 2 | 5265 | Oil Well | Producing |
| WV 14G-2-8-21 | 4304734036 | 8 | S | 21 | E | 2 | 5265 | Oil Well | Producing |
| WRU EIH 4W-35-8-22 | 4304734042 | 8 | S | 22 | E | 35 | 12528 | Gas Well | Producing |
| WRU EIH 3W-35-8-22 | 4304734044 | 8 | S | 22 | E | 35 | 12528 | Gas Well | Producing |
| WV 13G-2-8-21 | 4304734068 | 8 | S | 21 | E | 2 | 5265 | Oil Well | Producing |
| WV 3G-10-8-21 | 4304734106 | 8 | S | 21 | E | 10 | 13241 | Oil Well | Producing |
| WV 5G-16-8-21 | 4304734107 | 8 | S | 21 | E | 16 | 5265 | Oil Well | Producing |
| WV 15G-3-8-21 | 4304734109 | 8 | S | 21 | E | 3 | 13241 | Oil Well | Producing |
| WV 16G-3-8-21 | 4304734110 | 8 | S | 21 | E | 3 | 13241 | Oil Well | Producing |
| GB 6W-25-8-21 | 4304734121 | 8 | S | 21 | E | 25 | 13440 | Gas Well | Producing |
| GB 7W-25-8-21 | 4304734122 | 8 | S | 21 | E | 25 | 13436 | Gas Well | Producing |
| WV 2W-14-8-21 | 4304734140 | 8 | S | 21 | E | 14 | 17123 | Gas Well | Producing |
| GH 2W-21-8-21 | 4304734141 | 8 | S | 21 | E | 21 | 17123 | Gas Well | Producing |
| WV 3W-21-8-21 | 4304734143 | 8 | S | 21 | E | 21 | 17123 | Gas Well | Producing |
| WV 4W-13-8-21 | 4304734144 | 8 | S | 21 | E | 13 | 17123 | Gas Well | Producing |
| WV 4W-21-8-21 | 4304734145 | 8 | S | 21 | E | 21 | 17123 | Gas Well | Producing |
| GH 5W-21-8-21 | 4304734147 | 8 | S | 21 | E | 21 | 13387 | Gas Well | Producing |
| GH 6W-21-8-21 | 4304734148 | 8 | S | 21 | E | 21 | 13371 | Gas Well | Producing |
| GH 8W-21-8-21 | 4304734149 | 8 | S | 21 | E | 21 | 13293 | Gas Well | Producing |
| GH 10W-20-8-21 | 4304734151 | 8 | S | 21 | E | 20 | 13328 | Gas Well | Producing |
| GH 10W-21-8-21 | 4304734152 | 8 | S | 21 | E | 21 | 13378 | Gas Well | Producing |
| GH 12W-21-8-21 | 4304734153 | 8 | S | 21 | E | 21 | 13294 | Gas Well | Producing |

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| GH 14W-21-8-21 | 4304734154 | 8 | S | 21 | E | 21 | 13292 | | Gas Well | Producing |
| GH 16W-17-8-21 | 4304734156 | 8 | S | 21 | E | 17 | 13354 | | Gas Well | Producing |
| GH 16W-21-8-21 | 4304734157 | 8 | S | 21 | E | 21 | 13329 | | Gas Well | Producing |
| WV 4W-23-8-21 | 4304734188 | 8 | S | 21 | E | 23 | 17123 | | Gas Well | Producing |
| WV 14W-16-8-21 | 4304734192 | 8 | S | 21 | E | 16 | 17123 | | Gas Well | Producing |
| WRU GB 4WRG-9-8-22 | 4304734208 | 8 | S | 22 | E | 9 | 4915 | | Oil Well | Producing |
| OU GB 5W-20-8-22 | 4304734209 | 8 | S | 22 | E | 20 | 13414 | | Gas Well | Producing |
| WRU EIH 13WX-35-8-22 | 4304734210 | 8 | S | 22 | E | 35 | 12528 | 13456 | Gas Well | Producing |
| WV 15W-16-8-21 | 4304734224 | 8 | S | 21 | E | 16 | 17123 | | Gas Well | Producing |
| WV 16W-16-8-21 | 4304734225 | 8 | S | 21 | E | 16 | 17123 | | Gas Well | Producing |
| WV 2W-22-8-21 | 4304734243 | 8 | S | 21 | E | 22 | 17123 | | Gas Well | Producing |
| WV 8W-15-8-21 | 4304734247 | 8 | S | 21 | E | 15 | 17123 | | Gas Well | Producing |
| WV 16W-10-8-21 | 4304734250 | 8 | S | 21 | E | 10 | 17123 | | Gas Well | Producing |
| WV 16W-15-8-21 | 4304734251 | 8 | S | 21 | E | 15 | 5265 | | Oil Well | Producing |
| WV 11W-14-8-21 | 4304734277 | 8 | S | 21 | E | 14 | 17123 | | Gas Well | Producing |
| WV 14M-11-8-21 | 4304734280 | 8 | S | 21 | E | 11 | 17123 | | Gas Well | Producing |
| WV 16G-14-8-21 | 4304734283 | 8 | S | 21 | E | 14 | 5265 | | Oil Well | Producing |
| WV 1MU-16-8-21 | 4304734288 | 8 | S | 21 | E | 16 | 17123 | | Gas Well | Producing |
| WV 3MU-15-8-21 | 4304734289 | 8 | S | 21 | E | 15 | 17123 | | Gas Well | Producing |
| WV 4MU-15-8-21 | 4304734291 | 8 | S | 21 | E | 15 | 17123 | | Gas Well | Producing |
| WV 5MU-15-8-21 | 4304734293 | 8 | S | 21 | E | 15 | 17123 | | Gas Well | Producing |
| WV 6W-15-8-21 | 4304734294 | 8 | S | 21 | E | 15 | 17123 | | Gas Well | Producing |
| WV 7W-16-8-21 | 4304734322 | 8 | S | 21 | E | 16 | 17123 | | Gas Well | Producing |
| WV 8ML-16-8-21 | 4304734323 | 8 | S | 21 | E | 16 | 17123 | | Gas Well | Producing |
| WV 10W-16-8-21 | 4304734326 | 8 | S | 21 | E | 16 | 17123 | | Gas Well | Producing |
| GH 1W-20-8-21 | 4304734327 | 8 | S | 21 | E | 20 | 13451 | | Gas Well | Producing |
| GH 2W-20-8-21 | 4304734328 | 8 | S | 21 | E | 20 | 13527 | | Gas Well | Producing |
| GH 3W-20-8-21 | 4304734329 | 8 | S | 21 | E | 20 | 13728 | | Gas Well | Producing |
| GH 7W-20-8-21 | 4304734332 | 8 | S | 21 | E | 20 | 13537 | | Gas Well | Producing |
| GH 9W-20-8-21 | 4304734333 | 8 | S | 21 | E | 20 | 13411 | | Gas Well | Producing |
| GH 11W-20-8-21 | 4304734334 | 8 | S | 21 | E | 20 | 13410 | | Gas Well | Producing |
| GH 15W-20-8-21 | 4304734335 | 8 | S | 21 | E | 20 | 13407 | | Gas Well | Producing |
| GH 16W-20-8-21 | 4304734336 | 8 | S | 21 | E | 20 | 13501 | | Gas Well | Producing |
| WV 8M-23-8-21 | 4304734339 | 8 | S | 21 | E | 23 | 5265 | | Oil Well | Producing |
| WV 8W-24-8-21 | 4304734340 | 8 | S | 21 | E | 24 | 17123 | | Gas Well | Producing |
| WV 12W-23-8-21 | 4304734343 | 8 | S | 21 | E | 23 | 13430 | | Gas Well | Producing |
| OU GB 13W-20-8-22 | 4304734348 | 8 | S | 22 | E | 20 | 13495 | | Gas Well | Producing |
| OU GB 14W-20-8-22 | 4304734349 | 8 | S | 22 | E | 20 | 13507 | | Gas Well | Producing |
| OU GB 11W-29-8-22 | 4304734350 | 8 | S | 22 | E | 29 | 13526 | | Gas Well | Producing |
| WVX 11G-5-8-22 | 4304734388 | 8 | S | 22 | E | 5 | 13422 | | Oil Well | Producing |
| OU GB 11W-30-8-22 | 4304734392 | 8 | S | 22 | E | 30 | 13433 | | Gas Well | Producing |
| WV 2W-8-8-22 | 4304734468 | 8 | S | 22 | E | 8 | 17123 | | Gas Well | Producing |

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| OU GB 5W-19-8-22 | 4304734514 | 8 | S | 22 | E | 19 | 13460 | Gas Well | Producing |
| OU GB 7W-19-8-22 | 4304734515 | 8 | S | 22 | E | 19 | 13462 | Gas Well | Producing |
| OU GB 8W-19-8-22 | 4304734516 | 8 | S | 22 | E | 19 | 13489 | Gas Well | Producing |
| OU GB 11W-19-8-22 | 4304734517 | 8 | S | 22 | E | 19 | 13467 | Gas Well | Producing |
| OU GB 3W-30-8-22 | 4304734529 | 8 | S | 22 | E | 30 | 13493 | Oil Well | Producing |
| OU GB 6W-30-8-22 | 4304734530 | 8 | S | 22 | E | 30 | 13519 | Gas Well | Producing |
| OU GB 8W-30-8-22 | 4304734532 | 8 | S | 22 | E | 30 | 13483 | Gas Well | Producing |
| OU GB 9W-30-8-22 | 4304734533 | 8 | S | 22 | E | 30 | 13500 | Gas Well | Producing |
| OU GB 13W-19-8-22 | 4304734536 | 8 | S | 22 | E | 19 | 13478 | Gas Well | Producing |
| OU GB 6W-17-8-22 | 4304734543 | 8 | S | 22 | E | 17 | 13536 | Oil Well | Producing |
| OU GB 6W-29-8-22 | 4304734545 | 8 | S | 22 | E | 29 | 13535 | Gas Well | Producing |
| OU GB 3W-29-8-22 | 4304734546 | 8 | S | 22 | E | 29 | 13509 | Gas Well | Producing |
| OU GB 13W-29-8-22 | 4304734547 | 8 | S | 22 | E | 29 | 13506 | Gas Well | Producing |
| OU GB 4W-29-8-22 | 4304734548 | 8 | S | 22 | E | 29 | 13534 | Gas Well | Producing |
| OU GB 14W-17-8-22 | 4304734550 | 8 | S | 22 | E | 17 | 13550 | Gas Well | Producing |
| OU GB 11W-17-8-22 | 4304734553 | 8 | S | 22 | E | 17 | 13671 | Gas Well | Producing |
| GHX 15W-17-8-21 | 4304734562 | 8 | S | 21 | E | 17 | 13674 | Gas Well | Producing |
| WV 8W-22-8-21 | 4304734564 | 8 | S | 21 | E | 22 | 5265 | Gas Well | Producing |
| WRU EIH 5W-35-8-22 | 4304734572 | 8 | S | 22 | E | 35 | 12528 | Gas Well | Producing |
| OU GB 1W-29-8-22 | 4304734573 | 8 | S | 22 | E | 29 | 13562 | Gas Well | Producing |
| OU GB 7W-29-8-22 | 4304734574 | 8 | S | 22 | E | 29 | 13564 | Gas Well | Producing |
| OU GB 9W-29-8-22 | 4304734576 | 8 | S | 22 | E | 29 | 13551 | Gas Well | Producing |
| OU GB 10W-29-8-22 | 4304734577 | 8 | S | 22 | E | 29 | 13594 | Gas Well | Producing |
| OU GB 15W-29-8-22 | 4304734578 | 8 | S | 22 | E | 29 | 13569 | Gas Well | Producing |
| OU GB 4W-16-8-22 | 4304734598 | 8 | S | 22 | E | 16 | 13579 | Gas Well | Producing |
| OU GB 2W-29-8-22 | 4304734600 | 8 | S | 22 | E | 29 | 13691 | Gas Well | Producing |
| OU GB 16W-17-8-22 | 4304734602 | 8 | S | 22 | E | 17 | 13639 | Gas Well | Producing |
| OU GB 16W-29-8-22 | 4304734603 | 8 | S | 22 | E | 29 | 13610 | Gas Well | Producing |
| GB 14MU-16-8-22 | 4304734619 | 8 | S | 22 | E | 16 | 14196 | Gas Well | Producing |
| OU GB 1W-17-8-22 | 4304734623 | 8 | S | 22 | E | 17 | 13701 | Gas Well | Producing |
| OU GB 9W-17-8-22 | 4304734624 | 8 | S | 22 | E | 17 | 13663 | Gas Well | Producing |
| OU GB 10W-17-8-22 | 4304734625 | 8 | S | 22 | E | 17 | 13684 | Gas Well | Producing |
| OU GB 9W-20-8-22 | 4304734630 | 8 | S | 22 | E | 20 | 13637 | Gas Well | Producing |
| OU GB 10W-20-8-22 | 4304734631 | 8 | S | 22 | E | 20 | 13682 | Gas Well | Producing |
| OU GB 15W-20-8-22 | 4304734632 | 8 | S | 22 | E | 20 | 13613 | Gas Well | Producing |
| OU WIH 15MU-21-8-22 | 4304734634 | 8 | S | 22 | E | 21 | 13991 | Gas Well | Producing |
| OU WIH 13W-21-8-22 | 4304734646 | 8 | S | 22 | E | 21 | 13745 | Gas Well | Producing |
| OU GB 11W-15-8-22 | 4304734648 | 8 | S | 22 | E | 15 | 13822 | Gas Well | Producing |
| OU GB 13W-9-8-22 | 4304734654 | 8 | S | 22 | E | 9 | 13706 | Gas Well | Producing |
| GB 1MU-16-8-22 | 4304734656 | 8 | S | 22 | E | 16 | 14251 | Gas Well | Producing |
| OU GB 2W-16-8-22 | 4304734657 | 8 | S | 22 | E | 16 | 13721 | Gas Well | Producing |
| OU GB 6W-16-8-22 | 4304734658 | 8 | S | 22 | E | 16 | 13592 | Gas Well | Producing |

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| OU GB 7W-16-8-22 | 4304734659 | 8 | S | 22 | E | 16 | 13747 | Gas Well | Producing |
| OU WIH 14W-21-8-22 | 4304734664 | 8 | S | 22 | E | 21 | 13720 | Gas Well | Producing |
| OU GB 12WX-29-8-22 | 4304734668 | 8 | S | 22 | E | 29 | 13555 | Gas Well | Producing |
| OU GB 15W-9-8-22 | 4304734678 | 8 | S | 22 | E | 9 | 4915 | Oil Well | Producing |
| OU GB 16W-9-8-22 | 4304734679 | 8 | S | 22 | E | 9 | 13545 | Gas Well | Producing |
| OU WIH 10W-21-8-22 | 4304734681 | 8 | S | 22 | E | 21 | 13662 | Gas Well | Producing |
| WRU EIH 6W-35-8-22 | 4304734684 | 8 | S | 22 | E | 35 | 12528 16723 | Gas Well | Producing |
| OU GB 4G-21-8-22 | 4304734685 | 8 | S | 22 | E | 21 | 13772 | Oil Well | Producing |
| OU WIH 7W-21-8-22 | 4304734689 | 8 | S | 22 | E | 21 | 13716 | Gas Well | Producing |
| OU GB 5W-21-8-22 | 4304734690 | 8 | S | 22 | E | 21 | 13770 | Oil Well | Producing |
| GB 11ML-10-8-22 | 4304734691 | 8 | S | 22 | E | 10 | 14818 | Gas Well | Producing |
| WIH 1MU-21-8-22 | 4304734693 | 8 | S | 22 | E | 21 | 14001 | Gas Well | Producing |
| OU GB 5G-19-8-22 | 4304734695 | 8 | S | 22 | E | 19 | 13786 | Oil Well | Producing |
| OU GB 1G-19-8-22 | 4304734696 | 8 | S | 22 | E | 19 | 13727 | Oil Well | Producing |
| OU GB 7W-20-8-22 | 4304734705 | 8 | S | 22 | E | 20 | 13710 | Gas Well | Producing |
| WRU EIH 11W-35-8-22 | 4304734708 | 8 | S | 22 | E | 35 | 12528 | Gas Well | Producing |
| OU SG 14W-15-8-22 | 4304734710 | 8 | S | 22 | E | 15 | 13821 | Gas Well | Producing |
| OU SG 15W-15-8-22 | 4304734711 | 8 | S | 22 | E | 15 | 13790 | Gas Well | Producing |
| OU SG 16W-15-8-22 | 4304734712 | 8 | S | 22 | E | 15 | 13820 | Gas Well | Producing |
| OU GB 5MU-15-8-22 | 4304734715 | 8 | S | 22 | E | 15 | 13900 | Gas Well | Producing |
| OU SG 8W-15-8-22 | 4304734717 | 8 | S | 22 | E | 15 | 13819 | Gas Well | Producing |
| GHX 13HG-17-8-21 | 4304734723 | 8 | S | 21 | E | 17 | 5355 | Oil Well | Producing |
| OU GB 14SG-29-8-22 | 4304734743 | 8 | S | 22 | E | 29 | 14034 | Gas Well | Producing |
| OU GB 16SG-29-8-22 | 4304734744 | 8 | S | 22 | E | 29 | 13771 | Gas Well | Producing |
| OU GB 6MU-21-8-22 | 4304734755 | 8 | S | 22 | E | 21 | 14012 | Gas Well | Producing |
| DESERT SPRING 7-30-10-18 | 4304734760 | 10 | S | 18 | E | 30 | 14366 | Oil Well | Producing |
| OU SG 10W-10-8-22 | 4304734764 | 8 | S | 22 | E | 10 | 13751 | Gas Well | Producing |
| STATE 11-16-10-18 | 4304734767 | 10 | S | 18 | E | 16 | 14366 | Oil Well | Producing |
| OU GB 14M-10-8-22 | 4304734768 | 8 | S | 22 | E | 10 | 13849 | Gas Well | Producing |
| OU GB 12M-10-8-22 | 4304734769 | 8 | S | 22 | E | 10 | 13545 | Gas Well | Producing |
| SU BW 6M-7-7-22 | 4304734837 | 7 | S | 22 | E | 7 | 13966 | Gas Well | Producing |
| GB 7MU-36-8-21 | 4304734893 | 8 | S | 21 | E | 36 | 14591 | Gas Well | Producing |
| GB 3W-36-8-21 | 4304734894 | 8 | S | 21 | E | 36 | 13791 | Gas Well | Producing |
| GB 3M-27-8-21 | 4304734900 | 8 | S | 21 | E | 27 | 14614 | Gas Well | Producing |
| WVX 11D-22-8-21 | 4304734902 | 8 | S | 21 | E | 22 | 14632 | Gas Well | Producing |
| GB 5W-36-8-21 | 4304734925 | 8 | S | 21 | E | 36 | 13808 | Gas Well | Producing |
| GB 4MU-36-8-21 | 4304734926 | 8 | S | 21 | E | 36 | 14589 | Gas Well | Producing |
| GH 1G-17-8-21 | 4304734927 | 8 | S | 21 | E | 17 | 5355 | Oil Well | Producing |
| WVX 2W-17-8-21 | 4304734928 | 8 | S | 21 | E | 17 | 14253 | Gas Well | Producing |
| WVX 8W-17-8-21 | 4304734929 | 8 | S | 21 | E | 17 | 13792 | Gas Well | Producing |
| GB 11M-27-8-21 | 4304734952 | 8 | S | 21 | E | 27 | 13809 | Gas Well | Producing |
| GB 9D-27-8-21 | 4304734956 | 8 | S | 21 | E | 27 | 14633 | Gas Well | Producing |

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| GB 1D-27-8-21 | 4304734957 | 8 | S | 21 | E | 27 | 14634 | | Gas Well | Producing |
| RW 34-27C | 4304735045 | 7 | S | 24 | E | 27 | 5670 | | Gas Well | Producing |
| WRU EIH 10W-35-8-22 | 4304735046 | 8 | S | 22 | E | 35 | 12528 | 15700 | Gas Well | Producing |
| WRU EIH 9MU-26-8-22 | 4304735047 | 8 | S | 22 | E | 26 | 12528 | | Gas Well | Producing |
| WRU EIH 15MU-26-8-22 | 4304735048 | 8 | S | 22 | E | 26 | 12528 | | Gas Well | Producing |
| WRU EIH 1MU-35-8-22 | 4304735049 | 8 | S | 22 | E | 35 | 12528 | | Gas Well | Producing |
| WRU EIH 9M-35-8-22 | 4304735050 | 8 | S | 22 | E | 35 | 12528 | 14005 | Gas Well | Producing |
| WRU EIH 7MU-35-8-22 | 4304735051 | 8 | S | 22 | E | 35 | 12528 | 14106 | Gas Well | Producing |
| GH 4MU-20-8-21 | 4304735068 | 8 | S | 21 | E | 20 | 14213 | | Gas Well | Producing |
| GH 12MU-20-8-21 | 4304735069 | 8 | S | 21 | E | 20 | 14129 | | Gas Well | Producing |
| GH 13MU-20-8-21 | 4304735070 | 8 | S | 21 | E | 20 | 14817 | | Gas Well | Producing |
| SG 6ML-11-8-22 | 4304735073 | 8 | S | 22 | E | 11 | 14825 | | Gas Well | Producing |
| OU SG 5MU-14-8-22 | 4304735076 | 8 | S | 22 | E | 14 | 13989 | | Gas Well | Producing |
| OU SG 6MU-14-8-22 | 4304735077 | 8 | S | 22 | E | 14 | 14128 | | Gas Well | Producing |
| SG 12MU-14-8-22 | 4304735078 | 8 | S | 22 | E | 14 | 13921 | | Gas Well | Producing |
| OU SG 13MU-14-8-22 | 4304735079 | 8 | S | 22 | E | 14 | 13990 | | Gas Well | Producing |
| GB 2ML-30-8-22 | 4304735080 | 8 | S | 22 | E | 30 | 14816 | | Gas Well | Producing |
| GH 5W-20-8-21 | 4304735097 | 8 | S | 21 | E | 20 | 14557 | | Gas Well | Producing |
| SG 5MU-23-8-22 | 4304735115 | 8 | S | 22 | E | 23 | 14368 | | Gas Well | Producing |
| SG 6MU-23-8-22 | 4304735116 | 8 | S | 22 | E | 23 | 14231 | | Gas Well | Producing |
| SG 14MU-23-8-22 | 4304735117 | 8 | S | 22 | E | 23 | 14069 | | Gas Well | Producing |
| WRU EIH 1MU-26-8-22 | 4304735118 | 8 | S | 22 | E | 26 | 12528 | 14349 | Gas Well | Producing |
| WRU EIH 7MU-26-8-22 | 4304735119 | 8 | S | 22 | E | 26 | 12528 | 14102 | Gas Well | Producing |
| WRU EIH 10MU-26-8-22 | 4304735120 | 8 | S | 22 | E | 26 | 12528 | 14107 | Gas Well | Producing |
| WRU EIH 15MU-35-8-22 | 4304735121 | 8 | S | 22 | E | 35 | 12528 | 14197 | Gas Well | Producing |
| GB 5SG-36-8-21 | 4304735155 | 8 | S | 21 | E | 36 | 14015 | | Gas Well | Producing |
| WRU EIH 10ML-23-8-22 | 4304735187 | 8 | S | 22 | E | 23 | 12528 | 14503 | Gas Well | Producing |
| SG 12MU-23-8-22 | 4304735188 | 8 | S | 22 | E | 23 | 14412 | | Gas Well | Producing |
| WRU EIH 9ML-23-8-22 | 4304735189 | 8 | S | 22 | E | 23 | 12528 | 14504 | Gas Well | Producing |
| SG 13MU-23-8-22 | 4304735190 | 8 | S | 22 | E | 23 | 14103 | | Gas Well | Producing |
| WRU EIH 16MU-26-8-22 | 4304735191 | 8 | S | 22 | E | 26 | 12528 | 14351 | Gas Well | Producing |
| WRU EIH 2MU-26-8-22 | 4304735192 | 8 | S | 22 | E | 26 | 12528 | 14104 | Gas Well | Producing |
| WRU EIH 16MU-35-8-22 | 4304735194 | 8 | S | 22 | E | 35 | 12528 | 14198 | Gas Well | Producing |
| WRU EIH 8MU-35-8-22 | 4304735195 | 8 | S | 22 | E | 35 | 12528 | 17329 | Gas Well | Producing |
| RW 32G-16C | 4304735238 | 7 | S | 24 | E | 16 | 5670 | | Gas Well | Producing |
| GB 4D-28-8-21 | 4304735246 | 8 | S | 21 | E | 28 | 14645 | | Gas Well | Producing |
| GB 7M-28-8-21 | 4304735247 | 8 | S | 21 | E | 28 | 14432 | | Gas Well | Producing |
| GB 14M-28-8-21 | 4304735248 | 8 | S | 21 | E | 28 | 13992 | | Gas Well | Producing |
| SG 11MU-23-8-22 | 4304735257 | 8 | S | 22 | E | 23 | 13973 | | Gas Well | Producing |
| SC 13ML-16-10-23 | 4304735281 | 10 | S | 23 | E | 16 | 14036 | | Gas Well | Producing |
| SC 3ML-16-10-23 | 4304735282 | 10 | S | 23 | E | 16 | 14014 | | Gas Well | Producing |
| SC 11ML-16-10-23 | 4304735311 | 10 | S | 23 | E | 16 | 14035 | | Gas Well | Producing |

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| WVX 3MU-17-8-21 | 4304735318 | 8 | S | 21 | E | 17 | 14113 | | Gas Well | Producing |
| GH 15ML-18-8-21 | 4304735323 | 8 | S | 21 | E | 18 | 15483 | | Gas Well | Producing |
| GH 1ML-19-8-21 | 4304735324 | 8 | S | 21 | E | 19 | 14824 | | Gas Well | Producing |
| SG 15MU-14-8-22 | 4304735328 | 8 | S | 22 | E | 14 | 14338 | | Gas Well | Producing |
| WRU EIH 13MU-25-8-22 | 4304735329 | 8 | S | 22 | E | 25 | 12528 | 14168 | Gas Well | Producing |
| EIHX 14MU-25-8-22 | 4304735330 | 8 | S | 22 | E | 25 | 14501 | | Gas Well | Producing |
| EIHX 11MU-25-8-22 | 4304735331 | 8 | S | 22 | E | 25 | 14470 | | Gas Well | Producing |
| NBE 12ML-10-9-23 | 4304735333 | 9 | S | 23 | E | 10 | 14260 | | Gas Well | Producing |
| NBE 13ML-17-9-23 | 4304735334 | 9 | S | 23 | E | 17 | 14000 | | Gas Well | Producing |
| WVX 14MU 17-8-21 | 4304735369 | 8 | S | 21 | E | 17 | 14098 | | Gas Well | Producing |
| WVX 12MU-17-8-21 | 4304735370 | 8 | S | 21 | E | 17 | 15108 | | Gas Well | Producing |
| WVX 8MU-19-8-21 | 4304735372 | 8 | S | 21 | E | 19 | 5355 | | Gas Well | Producing |
| SG 7MU-11-8-22 | 4304735374 | 8 | S | 22 | E | 11 | 14635 | | Gas Well | Producing |
| SG 1MU-11-8-22 | 4304735375 | 8 | S | 22 | E | 11 | 14279 | | Gas Well | Producing |
| SG 8MU-11-8-22 | 4304735380 | 8 | S | 22 | E | 11 | 14616 | | Gas Well | Producing |
| SG 10MU-11-8-22 | 4304735382 | 8 | S | 22 | E | 11 | 14979 | | Gas Well | Producing |
| WRU EIH 15ML-23-8-22 | 4304735387 | 8 | S | 22 | E | 23 | 12528 | 14681 | Gas Well | Producing |
| GH 10ML-18-8-21 | 4304735391 | 8 | S | 21 | E | 18 | 15482 | | Gas Well | Producing |
| SU 11MU-9-8-21 | 4304735412 | 8 | S | 21 | E | 9 | 14143 | | Gas Well | Producing |
| EIHX 2MU-25-8-22 | 4304735427 | 8 | S | 22 | E | 25 | 14666 | | Gas Well | Producing |
| EIHX 1MU-25-8-22 | 4304735428 | 8 | S | 22 | E | 25 | 14705 | | Gas Well | Producing |
| EIHX 7MU-25-8-22 | 4304735429 | 8 | S | 22 | E | 25 | 14682 | | Gas Well | Producing |
| EIHX 8MU-25-8-22 | 4304735430 | 8 | S | 22 | E | 25 | 14706 | | Gas Well | Producing |
| WRU EIH 6MU-25-8-22 | 4304735431 | 8 | S | 22 | E | 25 | 12528 | 14379 | Gas Well | Producing |
| WRU EIH 5MU-25-8-22 | 4304735432 | 8 | S | 22 | E | 25 | 12528 | 14240 | Gas Well | Producing |
| EIHX 16MU-25-8-22 | 4304735434 | 8 | S | 22 | E | 25 | 14502 | | Gas Well | Producing |
| EIHX 15MU-25-8-22 | 4304735435 | 8 | S | 22 | E | 25 | 14571 | | Gas Well | Producing |
| EIHX 10MU-25-8-22 | 4304735436 | 8 | S | 22 | E | 25 | 14537 | | Gas Well | Producing |
| GB 3MU-3-8-22 | 4304735457 | 8 | S | 22 | E | 3 | 14575 | | Gas Well | Producing |
| NBE 15M-17-9-23 | 4304735463 | 9 | S | 23 | E | 17 | 14423 | | Gas Well | Producing |
| NBE 7ML-17-9-23 | 4304735464 | 9 | S | 23 | E | 17 | 14232 | | Gas Well | Producing |
| NBE 3ML-17-9-23 | 4304735465 | 9 | S | 23 | E | 17 | 14276 | | Gas Well | Producing |
| NBE 11M-17-9-23 | 4304735466 | 9 | S | 23 | E | 17 | 14431 | | Gas Well | Producing |
| NBE 6ML-10-9-23 | 4304735651 | 9 | S | 23 | E | 10 | 14422 | | Gas Well | Producing |
| NBE 12ML-17-9-23 | 4304735652 | 9 | S | 23 | E | 17 | 14278 | | Gas Well | Producing |
| RWS 10ML-6-9-24 | 4304735653 | 9 | S | 24 | E | 6 | 17644 | | Gas Well | Producing |
| NBE 15ML-26-9-23 | 4304735666 | 9 | S | 23 | E | 26 | 14326 | | Gas Well | Producing |
| WRU EIH 14MU-35-8-22 | 4304735667 | 8 | S | 22 | E | 35 | 12528 | 14615 | Gas Well | Producing |
| RW 34-23AG | 4304735668 | 7 | S | 22 | E | 23 | 5670 | | Oil Well | Producing |
| RWU 32-27AG | 4304735670 | 7 | S | 22 | E | 27 | 5670 | | Oil Well | Producing |
| RW 14-34AMU | 4304735671 | 7 | S | 22 | E | 34 | 18478 | | Gas Well | Producing |
| SG 4MU-23-8-22 | 4304735758 | 8 | S | 22 | E | 23 | 14380 | | Gas Well | Producing |

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| WRU EIH 13ML-24-8-22 | 4304735793 | 8 | S | 22 | E | 24 | 12528 14644 | Gas Well | Producing |
| WRU EIH 16ML-23-8-22 | 4304735804 | 8 | S | 22 | E | 23 | 12528 14683 | Gas Well | Producing |
| WV 14MU-10-8-21 | 4304735879 | 8 | S | 21 | E | 10 | 17123 | Gas Well | Producing |
| RB DS FED 1G-7-10-18 | 4304735932 | 10 | S | 18 | E | 7 | 14457 | Oil Well | Producing |
| OU SG 14MU-14-8-22 | 4304735950 | 8 | S | 22 | E | 14 | 14479 | Gas Well | Producing |
| COY 12ML-24-8-24 | 4304736039 | 8 | S | 24 | E | 24 | 14592 | Oil Well | Producing |
| WIH 1AMU-21-8-22 | 4304736060 | 8 | S | 22 | E | 21 | 14980 | Gas Well | Producing |
| NBE 4ML-10-9-23 | 4304736098 | 9 | S | 23 | E | 10 | 15732 | Gas Well | Producing |
| NBE 8ML-10-9-23 | 4304736099 | 9 | S | 23 | E | 10 | 15733 | Gas Well | Producing |
| NBE 16ML-10-9-23 | 4304736100 | 9 | S | 23 | E | 10 | 14728 | Gas Well | Producing |
| SUBW 14M-7-7-22 | 4304736136 | 7 | S | 22 | E | 7 | 15734 | Gas Well | Producing |
| GB 16D-28-8-21 | 4304736260 | 8 | S | 21 | E | 28 | 14981 | Gas Well | Producing |
| RW 44-08FG | 4304736349 | 8 | S | 24 | E | 8 | 18478 | Gas Well | Producing |
| RW 34-34 AD | 4304736351 | 7 | S | 22 | E | 34 | 18478 | Gas Well | Producing |
| NBE 5ML-10-9-23 | 4304736353 | 9 | S | 23 | E | 10 | 15227 | Gas Well | Producing |
| NBE 7ML-10-9-23 | 4304736355 | 9 | S | 23 | E | 10 | 15850 | Gas Well | Producing |
| NBE 3ML-10-9-23 | 4304736356 | 9 | S | 23 | E | 10 | 15393 | Gas Well | Producing |
| EIHX 4MU-36-8-22 | 4304736444 | 8 | S | 22 | E | 36 | 14875 | Gas Well | Producing |
| EIHX 3MU-36-8-22 | 4304736445 | 8 | S | 22 | E | 36 | 14860 | Gas Well | Producing |
| EIHX 1MU-36-8-22 | 4304736447 | 8 | S | 22 | E | 36 | 14861 | Gas Well | Producing |
| NBE 7ML-26-9-23 | 4304736587 | 9 | S | 23 | E | 26 | 16008 | Gas Well | Producing |
| NBE 8ML-26-9-23 | 4304736588 | 9 | S | 23 | E | 26 | 15689 | Gas Well | Producing |
| NBE 2ML-26-9-23 | 4304736590 | 9 | S | 23 | E | 26 | 15898 | Gas Well | Producing |
| NBE 3ML-26-9-23 | 4304736591 | 9 | S | 23 | E | 26 | 15906 | Gas Well | Producing |
| NBE 5ML-26-9-23 | 4304736592 | 9 | S | 23 | E | 26 | 15839 | Gas Well | Producing |
| NBE 9ML-10-9-23 | 4304736593 | 9 | S | 23 | E | 10 | 15438 | Gas Well | Producing |
| NBE 11ML-10-9-23 | 4304736594 | 9 | S | 23 | E | 10 | 15228 | Gas Well | Producing |
| NBE 15ML-10-9-23 | 4304736595 | 9 | S | 23 | E | 10 | 15439 | Gas Well | Producing |
| NBE 2ML-17-9-23 | 4304736614 | 9 | S | 23 | E | 17 | 15126 | Gas Well | Producing |
| NBE 4ML-17-9-23 | 4304736615 | 9 | S | 23 | E | 17 | 15177 | Gas Well | Producing |
| NBE 6ML-17-9-23 | 4304736616 | 9 | S | 23 | E | 17 | 15127 | Gas Well | Producing |
| NBE 10ML-17-9-23 | 4304736617 | 9 | S | 23 | E | 17 | 15128 | Gas Well | Producing |
| NBE 14ML-17-9-23 | 4304736618 | 9 | S | 23 | E | 17 | 15088 | Gas Well | Producing |
| NBE 9ML-26-9-23 | 4304736619 | 9 | S | 23 | E | 26 | 15322 | Gas Well | Producing |
| NBE 10D-26-9-23 | 4304736620 | 9 | S | 23 | E | 26 | 15975 | Gas Well | Producing |
| NBE 13ML-26-9-23 | 4304736622 | 9 | S | 23 | E | 26 | 15690 | Gas Well | Producing |
| NBE 14ML-26-9-23 | 4304736623 | 9 | S | 23 | E | 26 | 15262 | Gas Well | Producing |
| NBE 16ML-26-9-23 | 4304736624 | 9 | S | 23 | E | 26 | 15735 | Gas Well | Producing |
| SSU 8G-9-8-21 | 4304736736 | 8 | S | 21 | E | 9 | 14997 | Oil Well | Producing |
| RW 41-26AG | 4304736818 | 7 | S | 22 | E | 26 | 18478 | Gas Well | Producing |
| SC 5ML-16-10-23 | 4304736877 | 10 | S | 23 | E | 16 | 15125 | Gas Well | Producing |
| SC 12ML-16-10-23 | 4304736878 | 10 | S | 23 | E | 16 | 15053 | Gas Well | Producing |

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| RW 01-36BG | 4304736887 | 7 | S | 23 | E | 36 | 5670 | | Oil Well | Producing |
| SC 14ML-16-10-23 | 4304736908 | 10 | S | 23 | E | 16 | 15070 | | Gas Well | Producing |
| SC 4ML-16-10-23 | 4304736912 | 10 | S | 23 | E | 16 | 15208 | | Gas Well | Producing |
| SG 3MU-23-8-22 | 4304736940 | 8 | S | 22 | E | 14 | 15100 | | Gas Well | Producing |
| NBE 5ML-17-9-23 | 4304736941 | 9 | S | 23 | E | 17 | 15101 | | Gas Well | Producing |
| RW 04-25B | 4304736982 | 7 | S | 23 | E | 25 | 18478 | | Oil Well | Producing |
| MULLIGAN 822-24H | 4304737077 | 8 | S | 22 | E | 24 | 15547 | | Gas Well | Producing |
| MULLIGAN 822-24G | 4304737078 | 8 | S | 22 | E | 24 | 15547 | | Gas Well | Producing |
| NBZ 8D-31-8-24 | 4304737238 | 8 | S | 24 | E | 31 | 17644 | | Gas Well | Producing |
| CWD 14D-32-8-24 | 4304737277 | 8 | S | 24 | E | 32 | 17644 | | Gas Well | Producing |
| CWD 16D-32-8-24 | 4304737278 | 8 | S | 24 | E | 32 | 17644 | | Gas Well | Producing |
| WRU EIH 11BML-35-8-22 | 4304737300 | 8 | S | 22 | E | 35 | 12528 | 15282 | Gas Well | Producing |
| RWS 2ML-5-9-24 | 4304737306 | 9 | S | 24 | E | 5 | 17644 | | Gas Well | Producing |
| RWS 10ML-5-9-24 | 4304737308 | 9 | S | 24 | E | 5 | 18903 | | Gas Well | Producing |
| RWS 12ML-6-9-24 | 4304737312 | 9 | S | 24 | E | 6 | 17644 | | Gas Well | Producing |
| RWS 16ML-6-9-24 | 4304737335 | 9 | S | 24 | E | 6 | 17644 | | Gas Well | Producing |
| CWD 10D-32-8-24 | 4304737347 | 8 | S | 24 | E | 32 | 17644 | | Gas Well | Producing |
| RWS 8D-6-9-24 | 4304737352 | 9 | S | 24 | E | 6 | 17644 | | Gas Well | Producing |
| RWS 4ML-6-9-24 | 4304737412 | 9 | S | 24 | E | 6 | 17644 | | Gas Well | Producing |
| RWS 6D-6-9-24 | 4304737413 | 9 | S | 24 | E | 6 | 17644 | | Gas Well | Producing |
| WRU EIH 3D-ML-35-8-22 | 4304737465 | 8 | S | 22 | E | 35 | 12528 | 15552 | Gas Well | Producing |
| WRU EIH 7D-ML-35-8-22 | 4304737466 | 8 | S | 22 | E | 35 | 12528 | 15637 | Gas Well | Producing |
| NBE 2ML-10-9-23 | 4304737619 | 9 | S | 23 | E | 10 | 15860 | | Gas Well | Producing |
| GB 16ML-20-8-22 | 4304737664 | 8 | S | 22 | E | 20 | 15948 | | Gas Well | Producing |
| GB 8D-20-8-22 | 4304737665 | 8 | S | 22 | E | 20 | 15977 | | Gas Well | Producing |
| BZ 10D-16-8-24 | 4304737671 | 8 | S | 24 | E | 16 | 15979 | | Gas Well | Producing |
| RW 24-16BG | 4304737746 | 7 | S | 23 | E | 16 | 5670 | | Oil Well | Producing |
| WV 12BML-16-8-21 | 4304737824 | 8 | S | 21 | E | 16 | 17123 | | Gas Well | Producing |
| WV 15CML-16-8-21 | 4304737871 | 8 | S | 21 | E | 16 | 17123 | | Gas Well | Producing |
| WV 14DML-12-8-21 | 4304737924 | 8 | S | 21 | E | 12 | 17123 | | Gas Well | Producing |
| WV 4DML-15-8-21 | 4304737927 | 8 | S | 21 | E | 15 | 17123 | | Gas Well | Producing |
| GB 9ML-16-8-22 | 4304737944 | 8 | S | 22 | E | 16 | 15851 | | Gas Well | Producing |
| SSU 11G-9-8-21 | 4304737991 | 8 | S | 21 | E | 9 | 16007 | | Oil Well | Producing |
| GH 16G-17-8-21 | 4304737993 | 8 | S | 21 | E | 17 | 5355 | | Oil Well | Producing |
| WV 11AD-14-8-21 | 4304738049 | 8 | S | 21 | E | 14 | 17123 | | Gas Well | Producing |
| GH 7D-19-8-21 | 4304738267 | 8 | S | 21 | E | 19 | 16922 | | Gas Well | Producing |
| WRU EIH 4AD-25-8-22 | 4304738636 | 8 | S | 22 | E | 25 | 12528 | 16651 | Gas Well | Producing |
| WRU EIH 7AD-26-8-22 | 4304738637 | 8 | S | 22 | E | 26 | 12528 | 16579 | Gas Well | Producing |
| WRU EIH 6DD-35-8-22 | 4304738640 | 8 | S | 22 | E | 35 | 12528 | 16511 | Gas Well | Producing |
| WRU EIH 7AD-35-8-22 | 4304738641 | 8 | S | 22 | E | 35 | 16180 | | Gas Well | Producing |
| WRU EIH 9CD-26-8-22 | 4304738649 | 8 | S | 22 | E | 26 | 12528 | 16446 | Gas Well | Producing |
| GH 6-20-8-21 | 4304738662 | 8 | S | 21 | E | 20 | 17041 | | Gas Well | Producing |

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| WV 6-24-8-21 | 4304738663 | 8 | S | 21 | E | 24 | 17123 | Gas Well | Producing |
| WV 16C-14-8-21 | 4304738737 | 8 | S | 21 | E | 14 | 17123 | Gas Well | Producing |
| GB 1M-4-8-22R (RIGSKID) | 4304738990 | 8 | S | 22 | E | 4 | 15879 | Gas Well | Producing |
| WRU EIH 6D-5-8-23 | 4304738994 | 8 | S | 23 | E | 5 | 16415 | Gas Well | Producing |
| WV 13A-15-8-21 | 4304739039 | 8 | S | 21 | E | 15 | 17123 | Gas Well | Producing |
| WV 8D-15-8-21 | 4304739040 | 8 | S | 21 | E | 15 | 17123 | Gas Well | Producing |
| WV 4BD-23-8-21 | 4304739041 | 8 | S | 21 | E | 23 | 17123 | Gas Well | Producing |
| WV 7BD-23-8-21 | 4304739044 | 8 | S | 21 | E | 23 | 17123 | Gas Well | Producing |
| WV 13AD-8-8-22R(RIGSKID) | 4304739321 | 8 | S | 22 | E | 8 | 17123 | Gas Well | Producing |
| NBE 8CD-10-9-23 | 4304739341 | 9 | S | 23 | E | 10 | 16513 | Gas Well | Producing |
| NBE 5DD-10-9-23 | 4304739346 | 9 | S | 23 | E | 10 | 16574 | Gas Well | Producing |
| NBE 4DD-17-9-23 | 4304739348 | 9 | S | 23 | E | 17 | 16743 | Gas Well | Producing |
| NBE 8BD-26-9-23 | 4304739351 | 9 | S | 23 | E | 26 | 16617 | Gas Well | Producing |
| RW 34-27ADR | 4304739445 | 7 | S | 22 | E | 27 | 18478 | Gas Well | Producing |
| GB 15D-27-8-21 | 4304739662 | 8 | S | 21 | E | 27 | 16830 | Gas Well | Producing |
| WV 13D-23-8-21 | 4304739663 | 8 | S | 21 | E | 23 | 16813 | Gas Well | Producing |
| WV 15D-23-8-21 | 4304739664 | 8 | S | 21 | E | 23 | 16924 | Gas Well | Producing |
| WRU GB 13G-3-8-22 | 4304739792 | 8 | S | 22 | E | 3 | 4915 | Oil Well | Producing |
| SSU 2G-3-8-21 | 4304740159 | 8 | S | 21 | E | 3 | 13241 | Oil Well | Producing |
| SSU 13G-4-8-21 | 4304740199 | 8 | S | 21 | E | 4 | 13241 | Oil Well | Producing |
| GB 3D-4-8-22R(RIGSKID) | 4304740345 | 8 | S | 22 | E | 4 | 17099 | Gas Well | Producing |
| DS 9G-16-10-18 | 4304751171 | 10 | S | 18 | E | 16 | 18495 | Oil Well | Producing |
| DS 13G-19-10-18 | 4304751178 | 10 | S | 18 | E | 19 | 18555 | Oil Well | Producing |
| BW 15-18-7-22 | 4304751179 | 7 | S | 22 | E | 18 | 18653 | Gas Well | Producing |
| DS 16G-20-10-18 | 4304751226 | 10 | S | 18 | E | 20 | 18475 | Oil Well | Producing |
| RW 44-25B | 4304751719 | 7 | S | 23 | E | 25 | 18478 | Gas Well | Producing |
| RW 34-24B | 4304751720 | 7 | S | 23 | E | 24 | 18478 | Gas Well | Producing |
| RW 43-20B | 4304751721 | 7 | S | 23 | E | 20 | 18478 | Gas Well | Producing |
| RW 23A-28B | 4304751722 | 7 | S | 23 | E | 28 | 18478 | Gas Well | Producing |
| RW 32-29B | 4304751723 | 7 | S | 23 | E | 29 | 18478 | Gas Well | Producing |
| RW 31-20B | 4304751724 | 7 | S | 23 | E | 20 | 18478 | Gas Well | Producing |
| RW 32-25A | 4304751788 | 7 | S | 22 | E | 25 | 18478 | Gas Well | Producing |
| RW 12C3-25B | 4304751903 | 7 | S | 23 | E | 25 | 18478 | Gas Well | Producing |
| RW 12D1-25B | 4304751904 | 7 | S | 23 | E | 25 | 18478 | Gas Well | Producing |
| RW 12D4-25B | 4304751905 | 7 | S | 23 | E | 25 | 18478 | Gas Well | Producing |
| RW 12A2-28B | 4304751938 | 7 | S | 23 | E | 28 | 18478 | Gas Well | Producing |
| RW 13D2-24A | 4304751939 | 7 | S | 22 | E | 24 | 18478 | Gas Well | Producing |
| RW 14D3-24A | 4304751940 | 7 | S | 22 | E | 24 | 18478 | Gas Well | Producing |
| RW 12B4-27B | 4304752234 | 7 | S | 23 | E | 27 | 18478 | Gas Well | Producing |
| RW 9C1-24B | 4304752237 | 7 | S | 23 | E | 24 | 18478 | Gas Well | Producing |
| RW 9C1-26B | 4304752238 | 7 | S | 23 | E | 26 | 18478 | Gas Well | Producing |
| RW 8C1-30B | 4304752240 | 7 | S | 23 | E | 30 | 18478 | Gas Well | Producing |

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| RW 5D2-26B | 4304752242 | 7 | S | 23 | E | 26 | 18478 | Gas Well | Producing |
| RW 13B4-18C | 4304752243 | 7 | S | 24 | E | 18 | 18478 | Gas Well | Producing |
| RW 5B4-23B | 4304752311 | 7 | S | 23 | E | 23 | 18478 | Gas Well | Producing |
| RW 5C1-23B | 4304752312 | 7 | S | 23 | E | 23 | 18478 | Gas Well | Producing |
| RW 2B4-26B | 4304752313 | 7 | S | 23 | E | 23 | 18478 | Gas Well | Producing |
| RW 15C4-23B | 4304752314 | 7 | S | 23 | E | 23 | 18478 | Gas Well | Producing |
| RW 15C1-23B | 4304752316 | 7 | S | 23 | E | 23 | 18478 | Gas Well | Producing |
| RW 10C4-23B | 4304752317 | 7 | S | 23 | E | 23 | 18478 | Gas Well | Producing |
| RW 15B4-23B | 4304752319 | 7 | S | 23 | E | 23 | 18478 | Gas Well | Producing |
| RW 10C1-23B | 4304752320 | 7 | S | 23 | E | 23 | 18478 | Gas Well | Producing |
| RW 2B1-26B | 4304752324 | 7 | S | 23 | E | 23 | 18478 | Gas Well | Producing |
| RW 5C4-23B | 4304752327 | 7 | S | 23 | E | 23 | 18478 | Gas Well | Producing |
| RW 12B1-23B | 4304752328 | 7 | S | 23 | E | 23 | 18478 | Gas Well | Producing |
| RW 12C4-23B | 4304752329 | 7 | S | 23 | E | 23 | 18478 | Gas Well | Producing |
| RW 12C1-23B | 4304752330 | 7 | S | 23 | E | 23 | 18478 | Gas Well | Producing |
| RW 12B4-23B | 4304752332 | 7 | S | 23 | E | 23 | 18478 | Gas Well | Producing |
| RW 13B1-23B | 4304752333 | 7 | S | 23 | E | 23 | 18478 | Gas Well | Producing |
| EM 1G-36-9-17 | 4304752400 | 9 | S | 17 | E | 36 | 18860 | Oil Well | Producing |
| DS 15G-5-10-18 | 4304752406 | 10 | S | 18 | E | 5 | 18959 | Oil Well | Producing |
| DS 14G-6-10-18 | 4304753023 | 10 | S | 18 | E | 6 | 14457 | Oil Well | Producing |
| DS 2G-6-10-18 | 4304753286 | 10 | S | 18 | E | 6 | 19002 | Oil Well | Producing |
| RW 34-20BGR | 4304753299 | 7 | S | 23 | E | 20 | 18478 | Gas Well | Producing |
| RW 11-26AGR | 4304753302 | 7 | S | 22 | E | 26 | 5670 | Oil Well | Producing |
| RW 31-31BGR | 4304753305 | 7 | S | 23 | E | 31 | 5670 | Oil Well | Producing |
| RW 24-14AGR | 4304753307 | 7 | S | 22 | E | 14 | 18478 | Gas Well | Producing |
| RW 11-27AGR | 4304753311 | 7 | S | 22 | E | 27 | 5670 | Oil Well | Producing |
| RW 44-25AGR | 4304753648 | 7 | S | 22 | E | 25 | 5670 | Oil Well | Producing |
| RW 42-25AGR | 4304753682 | 7 | S | 22 | E | 25 | 18478 | Gas Well | Producing |
| RW H1-14-16B | 4304754358 | 7 | S | 23 | E | 16 | 18478 | Gas Well | Producing |
| RW 8B4-28B | 4304754662 | 7 | S | 23 | E | 28 | 18478 | Gas Well | Producing |
| RW 8C4-28B | 4304754663 | 7 | S | 23 | E | 28 | 18478 | Gas Well | Producing |
| RW 7C4-28B | 4304754664 | 7 | S | 23 | E | 28 | 18478 | Gas Well | Producing |
| RW 1C4-28B | 4304754665 | 7 | S | 23 | E | 28 | 18478 | Gas Well | Producing |
| RW 7B4-28B | 4304754666 | 7 | S | 23 | E | 28 | 18478 | Gas Well | Producing |
| RW 2C4-28B | 4304754667 | 7 | S | 23 | E | 28 | 18478 | Gas Well | Producing |
| RW 15C4-21B | 4304754668 | 7 | S | 23 | E | 28 | 18478 | Gas Well | Producing |
| RW 15B4-21B | 4304754669 | 7 | S | 23 | E | 28 | 18478 | Gas Well | Producing |
| RW 9C1-16A | 4304755303 | 7 | S | 22 | E | 21 | 18478 | Gas Well | Producing |
| RW 8C1-21A | 4304755401 | 7 | S | 22 | E | 21 | 18478 | Gas Well | Producing |
| RW 8B1-21A | 4304755402 | 7 | S | 22 | E | 21 | 18478 | Gas Well | Producing |
| RW 1C1-21A | 4304755403 | 7 | S | 22 | E | 21 | 18478 | Gas Well | Producing |
| RW 16B1-16A | 4304755404 | 7 | S | 22 | E | 21 | 18478 | Gas Well | Producing |

From: QEP Energy Company
 To: Middle Fork Energy Uinta, LLC
 Effective: 4/1/2018

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|---------------------|------------|----|---|----|---|----|--------|----------------------|-----------|
| RW 16C1-16A | 4304755405 | 7 | S | 22 | E | 21 | 18478 | Gas Well | Producing |
| RW 9B1-21A | 4304755406 | 7 | S | 22 | E | 21 | 18478 | Gas Well | Producing |
| RW 1B1-21A | 4304755414 | 7 | S | 22 | E | 21 | 18478 | Gas Well | Producing |
| KJ 33B-17A | 4304755649 | 7 | S | 22 | E | 17 | 100135 | Gas Well | Producing |
| SR 32A-13H | 4304755730 | 8 | S | 22 | E | 13 | 100136 | Gas Well | Producing |
| WR 16G-32-10-17 | 4301350370 | 10 | S | 17 | E | 32 | 17720 | Oil Well | Shut-in |
| WR 11G-5-10-17 | 4301351913 | 10 | S | 17 | E | 5 | 18554 | Oil Well | Shut-in |
| RW 32-17C | 4304715145 | 7 | S | 24 | E | 17 | 18478 | Gas Well | Shut-in |
| RW 32-13B | 4304715163 | 7 | S | 23 | E | 13 | 5670 | Gas Well | Shut-in |
| RW 34-18B | 4304715189 | 7 | S | 23 | E | 18 | 5670 | Oil Well | Shut-in |
| RW 23-18B | 4304715210 | 7 | S | 23 | E | 18 | 5670 | Water Injection Well | Shut-in |
| RW 43-29A | 4304715236 | 7 | S | 22 | E | 29 | 17947 | Gas Well | Shut-in |
| RW 41-34B | 4304715250 | 7 | S | 23 | E | 34 | 5670 | Oil Well | Shut-in |
| RW 41-33A | 4304715294 | 7 | S | 22 | E | 33 | 5670 | Oil Well | Shut-in |
| RW 23-25A | 4304715305 | 7 | S | 22 | E | 25 | 5670 | Oil Well | Shut-in |
| WV 83 WG | 4304720205 | 8 | S | 21 | E | 23 | 17123 | Gas Well | Shut-in |
| WV 104 | 4304730022 | 8 | S | 21 | E | 15 | 5265 | Oil Well | Shut-in |
| RW 44-21C | 4304730149 | 7 | S | 24 | E | 21 | 5670 | Gas Well | Shut-in |
| RW 21-34B | 4304730258 | 7 | S | 23 | E | 34 | 5670 | Oil Well | Shut-in |
| RW 22-17C | 4304730388 | 7 | S | 24 | E | 17 | 5670 | Gas Well | Shut-in |
| GLEN BENCH 31-30 | 4304731008 | 8 | S | 22 | E | 30 | 13727 | Oil Well | Shut-in |
| RW 11-35B | 4304731079 | 7 | S | 23 | E | 35 | 5670 | Oil Well | Shut-in |
| GB 45-16 | 4304731399 | 8 | S | 22 | E | 16 | 13727 | Oil Well | Shut-in |
| GB 31-20 | 4304731433 | 8 | S | 22 | E | 20 | 13727 | Oil Well | Shut-in |
| WV 142 | 4304731612 | 8 | S | 21 | E | 16 | 5265 | Oil Well | Shut-in |
| WV 145 | 4304731820 | 8 | S | 22 | E | 18 | 17123 | Gas Well | Shut-in |
| GH 19 | 4304732651 | 8 | S | 21 | E | 20 | 5355 | Oil Well | Shut-in |
| GH 21 WG | 4304732692 | 8 | S | 21 | E | 21 | 11819 | Gas Well | Shut-in |
| FLU KNOLLS FED 23-3 | 4304732754 | 10 | S | 18 | E | 3 | 12003 | Oil Well | Shut-in |
| WV 49 WG | 4304732832 | 8 | S | 22 | E | 8 | 17123 | Gas Well | Shut-in |
| GB 6-36-8-21 | 4304733038 | 8 | S | 21 | E | 36 | 12378 | Gas Well | Shut-in |
| WV 138 WG | 4304733054 | 8 | S | 22 | E | 18 | 17123 | Gas Well | Shut-in |
| WRU EIH 15-35-8-22 | 4304733061 | 8 | S | 22 | E | 35 | 12528 | Gas Well | Shut-in |
| WV 14 WG | 4304733070 | 8 | S | 21 | E | 12 | 17123 | Gas Well | Shut-in |
| GB 2-36-8-21 | 4304733252 | 8 | S | 21 | E | 36 | 12527 | Gas Well | Shut-in |
| WV 9W-14-8-21 | 4304733269 | 8 | S | 21 | E | 14 | 17123 | Gas Well | Shut-in |
| WV 1W-18-8-22 | 4304733294 | 8 | S | 22 | E | 18 | 17123 | Gas Well | Shut-in |
| WV 11W-8-8-22 | 4304733295 | 8 | S | 22 | E | 8 | 17123 | Gas Well | Shut-in |
| WV 3W-7-8-22 | 4304733502 | 8 | S | 22 | E | 7 | 17123 | Gas Well | Shut-in |
| GH 10W-19-8-21 | 4304733528 | 8 | S | 21 | E | 19 | 12736 | Gas Well | Shut-in |
| WV 16W-9-8-21 | 4304733529 | 8 | S | 21 | E | 9 | 17123 | Gas Well | Shut-in |
| WV 9W-12-8-21 | 4304733534 | 8 | S | 21 | E | 12 | 17123 | Gas Well | Shut-in |

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 To: Middle Fork Energy Uinta, LLC
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| WV 11W-12-8-21 | 4304733535 | 8 | S | 21 | E | 12 | 17123 | Gas Well | Shut-in |
| WV 11W-13-8-21 | 4304733536 | 8 | S | 21 | E | 13 | 5265 | Gas Well | Shut-in |
| GH 5W-32-8-21 | 4304733572 | 8 | S | 21 | E | 32 | 12828 | Gas Well | Shut-in |
| WV 3W-22-8-21 | 4304733604 | 8 | S | 21 | E | 22 | 17123 | Gas Well | Shut-in |
| WV 13W-14-8-21 | 4304733607 | 8 | S | 21 | E | 14 | 17123 | Gas Well | Shut-in |
| WV 11W-18-8-22 | 4304733626 | 8 | S | 22 | E | 18 | 17123 | Gas Well | Shut-in |
| WV 9W-2-8-21 | 4304733648 | 8 | S | 21 | E | 2 | 17123 | Gas Well | Shut-in |
| WV 4W-11-8-21 | 4304733657 | 8 | S | 21 | E | 11 | 17123 | Gas Well | Shut-in |
| WV 2W-13-8-21 | 4304733791 | 8 | S | 21 | E | 13 | 17123 | Gas Well | Shut-in |
| WV 12W-8-8-22 | 4304733815 | 8 | S | 22 | E | 8 | 17123 | Gas Well | Shut-in |
| WV 14W-7-8-22 | 4304733816 | 8 | S | 22 | E | 7 | 17123 | Gas Well | Shut-in |
| WV 16W-7-8-22 | 4304733817 | 8 | S | 22 | E | 7 | 17123 | Gas Well | Shut-in |
| WV 6W-18-8-22 | 4304733842 | 8 | S | 22 | E | 18 | 17123 | Gas Well | Shut-in |
| WV 6WC-18-8-22 | 4304733843 | 8 | S | 22 | E | 18 | 17123 | Gas Well | Shut-in |
| WV 6WD-18-8-22 | 4304733844 | 8 | S | 22 | E | 18 | 17123 | Gas Well | Shut-in |
| WV 7W-23-8-21 | 4304733861 | 8 | S | 21 | E | 23 | 17123 | Gas Well | Shut-in |
| WV 8W-12-8-21 | 4304733862 | 8 | S | 21 | E | 12 | 17123 | Gas Well | Shut-in |
| WV 10W-12-8-21 | 4304733863 | 8 | S | 21 | E | 12 | 17123 | Gas Well | Shut-in |
| WV 14W-12-8-21 | 4304733864 | 8 | S | 21 | E | 12 | 17123 | Gas Well | Shut-in |
| WV 16W-12-8-21 | 4304733865 | 8 | S | 21 | E | 12 | 17123 | Gas Well | Shut-in |
| GH 5G-32-8-21 | 4304733866 | 8 | S | 21 | E | 32 | 13037 | Oil Well | Shut-in |
| WV 1W-22-8-21 | 4304733903 | 8 | S | 21 | E | 22 | 5265 | Gas Well | Shut-in |
| WV 11W-15-8-21 | 4304733911 | 8 | S | 21 | E | 15 | 17123 | Gas Well | Shut-in |
| WV 13W-11-8-21 | 4304733913 | 8 | S | 21 | E | 11 | 17123 | Gas Well | Shut-in |
| WV 15W-10-8-21 | 4304733916 | 8 | S | 21 | E | 10 | 17123 | Gas Well | Shut-in |
| WV 15W-15-8-21 | 4304733917 | 8 | S | 21 | E | 15 | 17123 | Gas Well | Shut-in |
| OU GB 4W-30-8-22 | 4304733945 | 8 | S | 22 | E | 30 | 13372 | Gas Well | Shut-in |
| WV 5W-14-8-21 | 4304733953 | 8 | S | 21 | E | 14 | 17123 | Gas Well | Shut-in |
| WV 7W-14-8-21 | 4304733955 | 8 | S | 21 | E | 14 | 17123 | Gas Well | Shut-in |
| WV 8W-14-8-21 | 4304733958 | 8 | S | 21 | E | 14 | 17123 | Gas Well | Shut-in |
| WV 9W-15-8-21 | 4304733959 | 8 | S | 21 | E | 15 | 17123 | Gas Well | Shut-in |
| WV 8W-18-8-22 | 4304733989 | 8 | S | 22 | E | 18 | 17123 | Gas Well | Shut-in |
| WV 10W-18-8-22 | 4304733991 | 8 | S | 22 | E | 18 | 17123 | Gas Well | Shut-in |
| WV 14W-18-8-22 | 4304733995 | 8 | S | 22 | E | 18 | 17123 | Gas Well | Shut-in |
| SU 15W-5-8-22 | 4304733996 | 8 | S | 22 | E | 5 | 13240 | Gas Well | Shut-in |
| OU GB 6W-20-8-22 | 4304734018 | 8 | S | 22 | E | 20 | 13518 | Gas Well | Shut-in |
| WV 2W-2-8-21 | 4304734034 | 8 | S | 21 | E | 2 | 17645 | Gas Well | Shut-in |
| WV 4W-17-8-22 | 4304734038 | 8 | S | 22 | E | 17 | 17123 | Gas Well | Shut-in |
| OU GB 11W-20-8-22 | 4304734039 | 8 | S | 22 | E | 20 | 13413 | Gas Well | Shut-in |
| OU GB 4W-20-8-22 | 4304734043 | 8 | S | 22 | E | 20 | 13520 | Gas Well | Shut-in |
| FED 2-20-10-18 | 4304734134 | 10 | S | 18 | E | 20 | 14366 | Oil Well | Shut-in |
| WV 2W-23-8-21 | 4304734142 | 8 | S | 21 | E | 23 | 5265 | Gas Well | Shut-in |

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|--------------------|------------|---|---|----|---|----|-------|----------|---------|
| WV 4W-22-8-21 | 4304734146 | 8 | S | 21 | E | 22 | 17123 | Gas Well | Shut-in |
| WV 3W-19-8-22 | 4304734187 | 8 | S | 22 | E | 19 | 17123 | Gas Well | Shut-in |
| WV 6W-23-8-21 | 4304734189 | 8 | S | 21 | E | 23 | 17123 | Gas Well | Shut-in |
| WV 11W-16-8-21 | 4304734190 | 8 | S | 21 | E | 16 | 17123 | Gas Well | Shut-in |
| WV 13W-16-8-21 | 4304734191 | 8 | S | 21 | E | 16 | 17123 | Gas Well | Shut-in |
| WV 2W-3-8-21 | 4304734207 | 8 | S | 21 | E | 3 | 13677 | Gas Well | Shut-in |
| WV 2W-15-8-21 | 4304734242 | 8 | S | 21 | E | 15 | 17123 | Gas Well | Shut-in |
| WV 4W-14-8-21 | 4304734244 | 8 | S | 21 | E | 14 | 17123 | Gas Well | Shut-in |
| WV 7W-15-8-21 | 4304734246 | 8 | S | 21 | E | 15 | 17123 | Gas Well | Shut-in |
| WV 14W-15-8-21 | 4304734249 | 8 | S | 21 | E | 15 | 17123 | Gas Well | Shut-in |
| WV 6W-22-8-21 | 4304734272 | 8 | S | 21 | E | 22 | 13379 | Oil Well | Shut-in |
| WV 10W-14-8-21 | 4304734275 | 8 | S | 21 | E | 14 | 17123 | Gas Well | Shut-in |
| WV 10W-15-8-21 | 4304734295 | 8 | S | 21 | E | 15 | 17123 | Gas Well | Shut-in |
| WV 5W-16-8-21 | 4304734321 | 8 | S | 21 | E | 16 | 17123 | Gas Well | Shut-in |
| WV 9W-16-8-21 | 4304734325 | 8 | S | 21 | E | 16 | 17123 | Gas Well | Shut-in |
| WV 4W-24-8-21 | 4304734330 | 8 | S | 21 | E | 24 | 17123 | Gas Well | Shut-in |
| SU 16W-5-8-22 | 4304734446 | 8 | S | 22 | E | 5 | 13654 | Gas Well | Shut-in |
| SU 2W-5-8-22 | 4304734455 | 8 | S | 22 | E | 5 | 13700 | Gas Well | Shut-in |
| SU 10W-5-8-22 | 4304734456 | 8 | S | 22 | E | 5 | 13540 | Gas Well | Shut-in |
| WV 16W-8-8-22 | 4304734470 | 8 | S | 22 | E | 8 | 13508 | Gas Well | Shut-in |
| OU GB 16WX-30-8-22 | 4304734506 | 8 | S | 22 | E | 30 | 13431 | Gas Well | Shut-in |
| OU GB 1W-19-8-22 | 4304734512 | 8 | S | 22 | E | 19 | 13469 | Gas Well | Shut-in |
| OU GB 2W-19-8-22 | 4304734513 | 8 | S | 22 | E | 19 | 13461 | Gas Well | Shut-in |
| OU GB 7W-30-8-22 | 4304734531 | 8 | S | 22 | E | 30 | 13494 | Gas Well | Shut-in |
| OU GB 10W-19-8-22 | 4304734535 | 8 | S | 22 | E | 19 | 13479 | Gas Well | Shut-in |
| OU GB 14W-19-8-22 | 4304734537 | 8 | S | 22 | E | 19 | 13484 | Gas Well | Shut-in |
| OU GB 12W-17-8-22 | 4304734542 | 8 | S | 22 | E | 17 | 13543 | Gas Well | Shut-in |
| OU GB 13W-17-8-22 | 4304734544 | 8 | S | 22 | E | 17 | 13547 | Gas Well | Shut-in |
| OU GB 5W-29-8-22 | 4304734549 | 8 | S | 22 | E | 29 | 13505 | Gas Well | Shut-in |
| OU GB 14W-29-8-22 | 4304734554 | 8 | S | 22 | E | 29 | 13528 | Gas Well | Shut-in |
| OU GB 2W-17-8-22 | 4304734559 | 8 | S | 22 | E | 17 | 13539 | Gas Well | Shut-in |
| OU GB 7W-17-8-22 | 4304734560 | 8 | S | 22 | E | 17 | 13599 | Gas Well | Shut-in |
| OU GB 16W-18-8-22 | 4304734563 | 8 | S | 22 | E | 18 | 13559 | Gas Well | Shut-in |
| OU GB 2W-20-8-22 | 4304734599 | 8 | S | 22 | E | 20 | 13664 | Gas Well | Shut-in |
| OU GB 15W-17-8-22 | 4304734601 | 8 | S | 22 | E | 17 | 13632 | Gas Well | Shut-in |
| OU GB 12W-16-8-22 | 4304734617 | 8 | S | 22 | E | 16 | 13697 | Gas Well | Shut-in |
| OU GB 13W-16-8-22 | 4304734618 | 8 | S | 22 | E | 16 | 13611 | Gas Well | Shut-in |
| OU GB 15W-16-8-22 | 4304734622 | 8 | S | 22 | E | 16 | 13595 | Gas Well | Shut-in |
| OU GB 14W-9-8-22 | 4304734649 | 8 | S | 22 | E | 9 | 13545 | Gas Well | Shut-in |
| OU GB 10W-9-8-22 | 4304734651 | 8 | S | 22 | E | 9 | 13545 | Gas Well | Shut-in |
| OU GB 16SG-30-8-22 | 4304734688 | 8 | S | 22 | E | 30 | 13593 | Gas Well | Shut-in |
| OU SG 4W-15-8-22 | 4304734713 | 8 | S | 22 | E | 15 | 13775 | Oil Well | Shut-in |

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| OU GB 12W-15-8-22 | 4304734714 | 8 | S | 22 | E | 15 | 13838 | | Gas Well | Shut-in |
| OU SG 9W-15-8-22 | 4304734718 | 8 | S | 22 | E | 15 | 13773 | | Gas Well | Shut-in |
| OU SG 10M-15-8-22 | 4304734719 | 8 | S | 22 | E | 15 | 13722 | | Gas Well | Shut-in |
| OU SG 2MU-15-8-22 | 4304734721 | 8 | S | 22 | E | 15 | 13887 | | Gas Well | Shut-in |
| WRU GB 5M-9-8-22 | 4304734753 | 8 | S | 22 | E | 9 | 13545 | 14447 | Gas Well | Shut-in |
| OU GB 13W-10-8-22 | 4304734754 | 8 | S | 22 | E | 10 | 13774 | | Gas Well | Shut-in |
| OU GB 12W-4-8-22 | 4304734762 | 8 | S | 22 | E | 4 | 13718 | | Gas Well | Shut-in |
| OU SG 9W-10-8-22 | 4304734783 | 8 | S | 22 | E | 10 | 13725 | | Gas Well | Shut-in |
| OU SG 16W-10-8-22 | 4304734784 | 8 | S | 22 | E | 10 | 13781 | | Gas Well | Shut-in |
| WRU EIH 11MU-26-8-22 | 4304734836 | 8 | S | 22 | E | 26 | 12528 | 13713 | Gas Well | Shut-in |
| WRU EIH 2M-35-8-22 | 4304735052 | 8 | S | 22 | E | 35 | 13931 | | Gas Well | Shut-in |
| OU SG 9MU-11-8-22 | 4304735091 | 8 | S | 22 | E | 11 | 13967 | | Gas Well | Shut-in |
| RW 34-22C | 4304735098 | 7 | S | 24 | E | 22 | 5670 | | Gas Well | Shut-in |
| WRU EIH 8MU-26-8-22 | 4304735193 | 8 | S | 22 | E | 26 | 12528 | 14234 | Gas Well | Shut-in |
| NBE 4ML-26-9-23 | 4304735335 | 9 | S | 23 | E | 26 | 14215 | | Gas Well | Shut-in |
| WRU EIH 4MU-25-8-22 | 4304735388 | 8 | S | 22 | E | 25 | 12528 | 14339 | Gas Well | Shut-in |
| WRU EIH 3MU-25-8-22 | 4304735389 | 8 | S | 22 | E | 25 | 12528 | 14341 | Gas Well | Shut-in |
| WRU EIH 12ML-24-8-22 | 4304735425 | 8 | S | 22 | E | 24 | 12528 | 14536 | Gas Well | Shut-in |
| WRU EIH 14ML-24-8-22 | 4304735426 | 8 | S | 22 | E | 24 | 12528 | 14646 | Gas Well | Shut-in |
| EIHX 9MU-25-8-22 | 4304735433 | 8 | S | 22 | E | 25 | 14558 | | Gas Well | Shut-in |
| WRU EIH 12MU-25-8-22 | 4304735601 | 8 | S | 22 | E | 25 | 12528 | 14214 | Gas Well | Shut-in |
| NBE 10ML-10-9-23 | 4304735650 | 9 | S | 23 | E | 10 | 14377 | | Gas Well | Shut-in |
| NBE 6ML-26-9-23 | 4304735664 | 9 | S | 23 | E | 26 | 14378 | | Gas Well | Shut-in |
| NBE 11ML-26-9-23 | 4304735665 | 9 | S | 23 | E | 26 | 14340 | | Gas Well | Shut-in |
| CWD 4ML-32-8-24 | 4304735684 | 8 | S | 24 | E | 32 | 17644 | | Gas Well | Shut-in |
| WRU EIH 11ML-24-8-22 | 4304735805 | 8 | S | 22 | E | 24 | 12528 | 14540 | Gas Well | Shut-in |
| RB DS FED 14G-8-10-18 | 4304735933 | 10 | S | 18 | E | 8 | 14457 | | Oil Well | Shut-in |
| WV 13MU-10-8-21 | 4304736305 | 8 | S | 21 | E | 10 | 17123 | | Gas Well | Shut-in |
| NBE 1ML-26-9-23 | 4304736589 | 9 | S | 23 | E | 26 | 15880 | | Gas Well | Shut-in |
| NBE 12ML-26-9-23 | 4304736621 | 9 | S | 23 | E | 26 | 15840 | | Gas Well | Shut-in |
| NBZ 8ML-30-8-24 | 4304737231 | 8 | S | 24 | E | 30 | 17644 | | Gas Well | Shut-in |
| NBZ 13ML-29-8-24 | 4304737237 | 8 | S | 24 | E | 29 | 17644 | | Gas Well | Shut-in |
| WRU EIH 6B-ML-35-8-22 | 4304737299 | 8 | S | 22 | E | 35 | 12528 | 15281 | Gas Well | Shut-in |
| RWS 12ML-5-9-24 | 4304737309 | 9 | S | 24 | E | 5 | 17644 | | Gas Well | Shut-in |
| RWS 14D-5-9-24 | 4304737310 | 9 | S | 24 | E | 5 | 17644 | | Gas Well | Shut-in |
| RWS 6D-5-9-24 | 4304737350 | 9 | S | 24 | E | 5 | 17644 | | Gas Well | Shut-in |
| RWS 4ML-5-9-24 | 4304737351 | 9 | S | 24 | E | 5 | 17644 | | Gas Well | Shut-in |
| RWS 14D-6-9-24 | 4304737414 | 9 | S | 24 | E | 6 | 17644 | | Gas Well | Shut-in |
| WV 13DML-10-8-21 | 4304737926 | 8 | S | 21 | E | 10 | 17123 | | Gas Well | Shut-in |
| SSU 2G-9-8-21 | 4304737990 | 8 | S | 21 | E | 9 | 13241 | | Oil Well | Shut-in |
| SSU 16G-4-8-21 | 4304738415 | 8 | S | 21 | E | 4 | 13241 | | Oil Well | Shut-in |
| SSU 14G-4-8-21 | 4304738436 | 8 | S | 21 | E | 4 | 13241 | | Oil Well | Shut-in |

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| NBE 10CD-17-9-23 | 4304739349 | 9 | S | 23 | E | 17 | 16616 | Gas Well | Shut-in |
| RW 41-35AGR | 4304751759 | 7 | S | 22 | E | 35 | 19103 | Oil Well | Shut-in |
| RW 15B1-23B | 4304752315 | 7 | S | 23 | E | 23 | 18478 | Gas Well | Shut-in |
| DS 14G-7-10-18 | 4304752436 | 10 | S | 18 | E | 7 | 14457 | Oil Well | Shut-in |
| RW 22-17BGR | 4304753300 | 7 | S | 23 | E | 17 | 5670 | Oil Well | Shut-in |
| RW 13-17BGR | 4304753310 | 7 | S | 23 | E | 17 | 5670 | Oil Well | Shut-in |
| RW 22-18BGR | 4304753445 | 7 | S | 23 | E | 18 | 5670 | Oil Well | Shut-in |
| RW 32-35B | 4304730342 | 7 | S | 23 | E | 35 | 5670 | Oil Well | Temporarily-abandoned |
| SU PURDY 14M-30-7-22 | 4304734384 | 7 | S | 22 | E | 30 | 13750 | Gas Well | Temporarily-abandoned |
| RW 33-23AGR | 4304753303 | 7 | S | 22 | E | 23 | 5670 | Oil Well | Temporarily-abandoned |
| RW 34-14AGR | 4304753439 | 7 | S | 22 | E | 14 | 5670 | Oil Well | Temporarily-abandoned |
| RW 31-24AGR | 4304753442 | 7 | S | 22 | E | 24 | 5670 | Oil Well | Temporarily-abandoned |

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9


| | | |
|--|--|---|
| SUNDRY NOTICES AND REPORTS ON WELLS | | 5. LEASE DESIGNATION AND SERIAL NUMBER: See Attachment A |
| Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA |
| | | 7. UNIT or CA AGREEMENT NAME: See Attachment A |
| 1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <u>X</u> | 8. WELL NAME and NUMBER: See Attachment A | |
| 2. NAME OF OPERATOR: Middle Fork Energy Uinta, LLC | | 9. API NUMBER: See Attachment A |
| 3. ADDRESS OF OPERATOR: 1515 Wynkoop St, Ste 650 CITY Denver STATE CO ZIP 80202 | PHONE NUMBER: (720) 500-0195 | 10. FIELD AND POOL, OR WILDCAT: See Attachment A |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: See Attachment A | | COUNTY: Uintah & Dushesne |
| QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: See Attachment A | | STATE: UTAH |


| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | | | |
|---|---|---|--|
| TYPE OF SUBMISSION | TYPE OF ACTION | | |
| <input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>4-1-18</u> | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
| | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> SIDETRACK TO REPAIR WELL |
| <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: | <input type="checkbox"/> CASING REPAIR | <input type="checkbox"/> NEW CONSTRUCTION | <input type="checkbox"/> TEMPORARILY ABANDON |
| | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> TUBING REPAIR |
| | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> VENT OR FLARE |
| | <input type="checkbox"/> CHANGE WELL NAME | <input type="checkbox"/> PLUG BACK | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> PRODUCTION (START/RESUME) | <input type="checkbox"/> WATER SHUT-OFF |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input checked="" type="checkbox"/> OTHER: <u>Transfer of Operator</u> |
| | <input type="checkbox"/> CONVERT WELL TYPE | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | |


12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

QEP Energy Company respectfully requests that the operator be transferred to Middle Fork Energy Uinta, LLC for all wells referenced on Attachment A - Lease Based. These wells have conductor set only.

Middle Fork Energy Uinta, LLC will operate the wells under Federal Bond No. LPM9291322 or State Bond LPM9291321 and will comply with all the Conditions of Approval within the originally approved Applications for Permit to Drill.


Michael K. Watanabe
Vice President, Land


W. Worth Carlin
Vice President - Land

NAME (PLEASE PRINT) W. Worth Carlin TITLE Vice President - Land
SIGNATURE  DATE 10-8-2018

(This space for State use only)

APPROVED

OCT 31 2018

DIV. OIL GAS & MINING

BY: Rachel Medina

RECEIVED

OCT 15 2018

DIV. OF OIL, GAS & MINING

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Attachment A - EPA Minor Permit Modification

September 6, 2018

AP

| | API | Name | UIC Permit # | Sec | Qtr | Qtr | T | R |
|----|------------|--------------------------|---------------|-----|-----|-----|-----|-----|
| 1 | 4304733244 | DS FEDERAL 7-19-10-18 | #N/A | 19 | SW | NE | 10S | 18E |
| 2 | 4304733245 | FEDERAL 5-20-10-18 | UT20962-06344 | 20 | SW | NW | 10S | 18E |
| 3 | 4304732583 | GB 12-16-8-22(WIW) | UT20765-04248 | 16 | NW | SW | 8S | 22E |
| 4 | 4304732756 | GB 15-19-8-22(WIW) | UT20806-04338 | 19 | SW | SE | 8S | 22E |
| 5 | 4304731356 | GB 22-20(WIW) | UT20755-04235 | 20 | SE | NW | 8S | 22E |
| 6 | 4304732549 | GB 6-16-8-22 (WIW) | UT20878-04539 | 16 | SE | NW | 8S | 22E |
| 7 | 4304732582 | GB 7-16-8-22(WIW) | UT20803-04335 | 16 | SW | NE | 8S | 22E |
| 8 | 4304732306 | GH 10 | UT20632-03721 | 21 | NW | SE | 8S | 21E |
| 9 | 4304732458 | GH 12 | UT20727-03794 | 19 | NE | SE | 8S | 21E |
| 10 | 4304731006 | GH 1-20 | UT20726-03792 | 20 | NE | SW | 8S | 21E |
| 11 | 4304732648 | GH 15 (WIW) | UT20804-04336 | 20 | SW | SW | 8S | 21E |
| 12 | 4304732649 | GH 17 (WIW) | UT20805-04337 | 20 | SW | SE | 8S | 21E |
| 13 | 4304731066 | GH 2-20 | UT20634-03722 | 20 | NE | SE | 8S | 21E |
| 14 | 4304720002 | GH 3 | UT20759-04241 | 20 | NE | NE | 8S | 21E |
| 15 | 4304731604 | GH 3-21 | UT20540-02714 | 21 | SW | NW | 8S | 21E |
| 16 | 4304731932 | GH 8 | UT20541-02715 | 20 | SW | NE | 8S | 21E |
| 17 | 4304737992 | GH 8G-17-8-21 | UT22222-09434 | 17 | SE | NE | 8S | 21E |
| 18 | 4304738875 | NBE 12SWD-10-9-23 | UT21078-07216 | 10 | NW | SW | 9S | 23E |
| 19 | 4304734135 | PENDRAGON FED 9-17-10-18 | UT20965-06347 | 17 | NE | SE | 10S | 18E |
| 20 | 4304733553 | RW 11-20B | UT20894-04603 | 20 | NW | NW | 7S | 23E |
| 21 | 4304733590 | RW 11-29B | UT20915-04629 | 29 | NW | NW | 7S | 23E |
| 22 | 4304733785 | RW 11-30B | UT20929-04658 | 30 | NW | NW | 7S | 23E |
| 23 | 4304754035 | RW 11-33B SWD | UT22271-10085 | 33 | NW | NW | 7S | 23E |
| 24 | 4304731052 | RW 11-36B | UT20000-02453 | 36 | NW | NW | 7S | 23E |
| 25 | 4304733591 | RW 12-24A | UT20921-04642 | 24 | SW | NW | 7S | 22E |
| 26 | 4304716477 | RW 12-24B LONG STRING | UT20000-02421 | 24 | SW | NW | 7S | 23E |
| 27 | 4304733497 | RW 13-19B | UT20897-04606 | 19 | NW | SW | 7S | 23E |
| 28 | 4304733498 | RW 13-20B | UT20896-04605 | 20 | NW | SW | 7S | 23E |
| 29 | 4304715261 | RW 13-22B LONG STRING | UT20000-02407 | 22 | NW | SW | 7S | 23E |
| 30 | 4304715144 | RW 14-13B | UT20000-02396 | 13 | SW | SW | 7S | 23E |
| 31 | 4304716497 | RW 14-21B | UT20000-02440 | 21 | SW | SW | 7S | 23E |
| 32 | 4304716472 | RW 14-24B | UT20000-02416 | 24 | SW | SW | 7S | 23E |
| 33 | 4304715281 | RW 21-20B | UT20000-02411 | 20 | NE | NW | 7S | 23E |
| 34 | 4304715151 | RW 21-23B LONG STRING | UT20000-02397 | 23 | SE | NW | 7S | 23E |
| 35 | 4304730103 | RW 21-27A | UT20000-02446 | 27 | NE | NW | 7S | 22E |
| 36 | 4304715161 | RW 23-14B | UT20000-02398 | 14 | NE | SW | 7S | 23E |
| 37 | 4304715267 | RW 23-15B | UT20000-02409 | 15 | NE | SW | 7S | 23E |
| 38 | 4304732739 | RW 23-17B | UT20835-04402 | 17 | NE | SW | 7S | 23E |
| 39 | 4304715210 | RW 23-18B | UT20000-02404 | 18 | NE | SW | 7S | 23E |
| 40 | 4304733555 | RW 31-19B | UT20911-04616 | 19 | NW | NE | 7S | 23E |
| 41 | 4304731077 | RW 31-26B | UT20000-02455 | 26 | NW | NE | 7S | 23E |
| 42 | 4304730519 | RW 31-35B LONG STRING | UT20000-02449 | 35 | NW | NE | 7S | 23E |
| 43 | 4304715289 | RW 33-13B | UT20000-02412 | 13 | NW | SE | 7S | 23E |
| 44 | 4304733499 | RW 33-19B | UT20903-04611 | 19 | NW | SE | 7S | 23E |
| 45 | 4304716479 | RW 33-22B | UT20000-02423 | 22 | NW | SE | 7S | 23E |
| 46 | 4304733790 | RW 33-30B | UT20928-04650 | 30 | NW | SE | 7S | 23E |

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| 47 | 4304733593 | RW 34-13A | UT20922-04643 | 13 | SW | SE | 7S | 22E | |
| 48 | 4304730458 | RW 34-22A | UT20812-04348 | 22 | SW | SE | 7S | 22E | |
| 49 | 4304715146 | RW 41-20B | UT20810-04346 | 20 | NE | NE | 7S | 23E | |
| 50 | 4304715221 | RW 41-24A | UT20000-02406 | 24 | SE | NE | 7S | 22E | AP |
| 51 | 4304716473 | RW 41-27B (GR) | UT20000-02417 | 27 | NE | NE | 7S | 23E | AP |
| 52 | 4304715182 | RW 41-28B LONG STRING | UT20000-02400 | 28 | NE | NE | 7S | 23E | AP |
| 53 | 4304720060 | RW 41-33B | UT20661-02444 | 33 | NE | NE | 7S | 23E | |
| 54 | 4304732980 | RW 43-17B | UT20832-04399 | 17 | NE | SE | 7S | 23E | |
| 55 | 4304732982 | RW 43-18B | UT20833-04400 | 18 | NE | SE | 7S | 23E | |
| 56 | 4304715219 | RW 43-21A | UT20000-02463 | 21 | NE | SE | 7S | 22E | AP |
| 57 | 4304753680 | RW 43-27AGR | UT22296-10402 | 27 | NE | SE | 7S | 22E | |
| 58 | 4304733987 | SU 3W-5-8-22 | UT20947-06158 | 5 | NE | NW | 8S | 22E | |
| 59 | 4304732462 | WV 120 | UT20770-04264 | 22 | NE | NW | 8S | 21E | |
| 60 | 4304730796 | WV 126 | UT20000-02509 | 21 | NW | NE | 8S | 21E | AP |
| 61 | 4304731707 | WV 140 | UT2567-03508 | 15 | NW | NW | 8S | 21E | |
| 62 | 4304731808 | WV 143 | UT20568-03509 | 10 | NW | SE | 8S | 21E | |
| 63 | 4304715447 | WV 16 | UT20000-02469 | 15 | NE | NE | 8S | 21E | AP |
| 64 | 4304715452 | WV 21 | UT20000-02471 | 16 | NE | NE | 8S | 21E | AP |
| 65 | 4304731524 | WV 28-2 | UT20000-02510 | 11 | NE | SW | 8S | 21E | AP |
| 66 | 4304715460 | WV 31 | UT20000-02394 | 14 | NE | NW | 8S | 21E | AP |
| 67 | 4304715463 | WV 35 | UT20813-04351 | 14 | NE | SW | 8S | 21E | |
| 68 | 4304715464 | WV 36 | UT20000-02479 | 10 | NE | SW | 8S | 21E | AP |
| 69 | 4304734596 | WV 3G-8-8-22 | UT20954-06195 | 8 | NE | NW | 8S | 22E | |
| 70 | 4304731798 | WV 40-2 | UT20000-02511 | 10 | NE | SE | 8S | 21E | AP |
| 71 | 4304715469 | WV 41 | UT20000-02483 | 15 | NE | NW | 8S | 21E | AP |
| 72 | 4304715477 | WV 50 | UT20563-03504 | 15 | SW | NE | 8S | 21E | |
| 73 | 4304720018 | WV 59 | UT20564-03505 | 14 | SW | NW | 8S | 21E | |
| 74 | 4304720019 | WV 60 | UT20565-03506 | 15 | SW | SE | 8S | 21E | |
| 75 | 4304720043 | WV 67 | UT20000-02497 | 15 | NE | SW | 8S | 21E | AP |
| 76 | 4304720047 | WV 68 | UT20000-02498 | 15 | NE | SE | 8S | 21E | AP |
| 77 | 4304732449 | WV 71-2 | UT20712-03777 | 15 | SW | SW | 8S | 21E | |
| 78 | 4304720058 | WV 72 | UT20000-02501 | 16 | SW | SW | 8S | 21E | AP |
| 79 | 4304720115 | WV 78 | UT20000-02504 | 16 | NE | SW | 8S | 21E | AP |
| 80 | 4304730014 | WV 97 | UT20814-04350 | 11 | NW | SW | 8S | 21E | |

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 p1 46
 Total 80

p1 16
 p1 16
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Attachment A to Sundry Notice
 QEP Energy to Middle Fork Energy Uinta, LLC
 State and Fee Minerals

| API Number | Well Name | Qtr/Qtr | Section | Township | Range | County | Lease or Unit # | Name of Unit or Lease |
|------------|---------------------------|---------|---------|----------|-------|--------|-----------------|--------------------------------------|
| 4304734121 | GB 6W-25-8-21 | SEnw | 25 | 8S | 21E | UINTAH | FEE | Kay E Anderson and Stephen L. Jensen |
| 4304734122 | GB 7W-25-8-21 | SWNE | 25 | 8S | 21E | UINTAH | FEE | Kay E Anderson and Stephen L. Jensen |
| 4304734392 | OU GB 11W-30-8-22 | NESW | 30 | 8S | 22E | UINTAH | FEE | Paul Schwartz |
| 4304737944 | GB 9ML-16-8-22 (W) | NESE | 16 | 8S | 22E | UINTAH | ML-22049 | State Minerals |
| 4304734617 | OU GB 12W-16-8-22 | NWSW | 16 | 8S | 22E | UINTAH | ML-22049 | State Minerals |
| 4304734618 | OU GB 13W-16-8-22 | SWSW | 16 | 8S | 22E | UINTAH | ML-22049 | State Minerals |
| 4304734619 | OU GB 14MU-16-8-22 (W) | SESW | 16 | 8S | 22E | UINTAH | ML-22049 | State Minerals |
| 4304734622 | OU GB 15W-16-8-22 | SWSE | 16 | 8S | 22E | UINTAH | ML-22049 | State Minerals |
| 4304734657 | OU GB 2W-16-8-22 | NWNE | 16 | 8S | 22E | UINTAH | ML-22049 | State Minerals |
| 4304734598 | OU GB 4W-16-8-22 | NWNW | 16 | 8S | 22E | UINTAH | ML-22049 | State Minerals |
| 4304733752 | OU GB 5W-16-8-22 | SWNW | 16 | 8S | 22E | UINTAH | ML-22049 | State Minerals |
| 4304734658 | OU GB 6W-16-8-22 | SEnw | 16 | 8S | 22E | UINTAH | ML-22049 | State Minerals |
| 4304733754 | OU GB 11W-16-8-22 | NESW | 16 | 8S | 22E | UINTAH | ML-22049 | State Minerals |
| 4304734656 | OU GB 1MU-16-8-22 (W) | NENE | 16 | 8S | 22E | UINTAH | ML-22049 | State Minerals |
| 4304734659 | OU GB 7W-16-8-22 | SWNE | 16 | 8S | 22E | UINTAH | ML-22049 | State Minerals |
| 4304733751 | OU GB 3W-16-8-22 | NENW | 16 | 8S | 22E | UINTAH | ML-22049 | State Minerals |
| 4304734655 | OU GB 16W-16-8-22 | SESE | 16 | 8S | 22E | UINTAH | ML-22049 | State Minerals |
| 4304734660 | OU GB 8W-16-8-22 | SENE | 16 | 8S | 22E | UINTAH | ML-22049 | State Minerals |
| 4304734829 | GB 15G-16-8-22 | SWSE | 16 | 8S | 22E | UINTAH | ML-22049 | State Minerals |
| 4304738764 | GB 45G-36-8-21 | NWNW | 36 | 8S | 21E | UINTAH | ML-22051 | State Minerals |
| 4304733944 | GB 1W-36-8-21 | NENE | 36 | 8S | 21E | UINTAH | ML-22051 | State Minerals |
| 4304733252 | GB 2-36-8-21 | NWNE | 36 | 8S | 21E | UINTAH | ML-22051 | State Minerals |
| 4304734894 | GB 3W-36-8-21 | NENW | 36 | 8S | 21E | UINTAH | ML-22051 | State Minerals |
| 4304734926 | GB 4MU-36-8-21 (W) | NWNW | 36 | 8S | 21E | UINTAH | ML-22051 | State Minerals |
| 4304735155 | GB 55G-36-8-21 | SWNW | 36 | 8S | 21E | UINTAH | ML-22051 | State Minerals |
| 4304734925 | GB 5W-36-8-21 | SWNW | 36 | 8S | 21E | UINTAH | ML-22051 | State Minerals |
| 4304733038 | GB 6-36-8-21 | SEnw | 36 | 8S | 21E | UINTAH | ML-22051 | State Minerals |
| 4304734893 | GB 7MU-36-8-21 (W) | SWNE | 36 | 8S | 21E | UINTAH | ML-22051 | State Minerals |
| 4304733037 | GB 8A-36-8-21 | SENE | 36 | 8S | 21E | UINTAH | ML-22051 | State Minerals |
| 4304732724 | TOLL STATION ST 8-36-8-21 | SENE | 36 | 8S | 21E | UINTAH | ML-22051 | State Minerals |
| 4304733570 | GH 1W-32-8-21 | NENE | 32 | 8S | 21E | UINTAH | ML-22052 | State Minerals |

| API Number | Well Name | Qtr/Qtr | Section | Township | Range | County | Lease or Unit # | Name of Unit or Lease |
|------------|-----------------------|---------|---------|----------|-------|----------|-------------------|-----------------------|
| 4304733744 | GH 2W-32-8-21 | NWNE | 32 | 8S | 21E | UINTAH | ML-22052 | State Minerals |
| 4304733571 | GH 3W-32-8-21 | NENW | 32 | 8S | 21E | UINTAH | ML-22052 | State Minerals |
| 4304733745 | GH 4W-32-8-21 | NWNW | 32 | 8S | 21E | UINTAH | ML-22052 | State Minerals |
| 4304733753 | GH 6W-32-8-21 | SENE | 32 | 8S | 21E | UINTAH | ML-22052 | State Minerals |
| 4304733573 | GH 7W-32-8-21 | SWNE | 32 | 8S | 21E | UINTAH | ML-22052 | State Minerals |
| 4304733746 | GH 8W-32-8-21 | SENE | 32 | 8S | 21E | UINTAH | ML-22052 | State Minerals |
| 4304733866 | GH 5G-32-8-21 | SWNW | 32 | 8S | 21E | UINTAH | ML-22052 | State Minerals |
| 4304733572 | GH 5W-32-8-21 | SWNW | 32 | 8S | 21E | UINTAH | ML-22052 | State Minerals |
| 4304730609 | KAYE STATE 1-16 | NWNW | 16 | 10S | 23E | UINTAH | ML-22186 | State Minerals |
| 4304735311 | SC 11ML-16-10-23 (ML) | NESW | 16 | 10S | 23E | UINTAH | ML-22186 | State Minerals |
| 4304736878 | SC 12ML-16-10-23 (W) | NWSW | 16 | 10S | 23E | UINTAH | ML-22186 | State Minerals |
| 4304735281 | SC 13M-16-10-23 (MU) | SWSW | 16 | 10S | 23E | UINTAH | ML-22186 | State Minerals |
| 4304736908 | SC 14ML-16-10-23 (W) | SESW | 16 | 10S | 23E | UINTAH | ML-22186 | State Minerals |
| 4304735282 | SC 3ML-16-10-23 (ML) | NENW | 16 | 10S | 23E | UINTAH | ML-22186 | State Minerals |
| 4304736912 | SC 4ML-16-10-23 (W) | NWNW | 16 | 10S | 23E | UINTAH | ML-22186 | State Minerals |
| 4304736877 | SC 5ML-16-10-23 (W) | SWNW | 16 | 10S | 23E | UINTAH | ML-22186 | State Minerals |
| 4304734292 | WV 4W-16-8-21 | NWNW | 16 | 8S | 21E | UINTAH | ML-2237 | State Minerals |
| 4304720066 | WV 73 | NESE | 16 | 8S | 21E | UINTAH | ML-2237 | State Minerals |
| 4304733564 | WV 6G-16-8-21 | SENE | 16 | 8S | 21E | UINTAH | ML-2237 | State Minerals |
| 4304734034 | WV 2W-2-8-21 | NWNE | 2 | 8S | 21E | UINTAH | ML-2785 | State Minerals |
| 4304733645 | WV 16WRG-2-8-21 | SESE | 2 | 8S | 21E | UINTAH | ML-2785 | State Minerals |
| 4304733646 | WV 16G-2-8-21 | SESE | 2 | 8S | 21E | UINTAH | ML-2785 | State Minerals |
| 4304715292 | RW 41-16B (GR) | NENE | 16 | 7S | 23E | UINTAH | ML-3037 | State Minerals |
| 4304733084 | RW 23-16B | SESW | 16 | 7S | 23E | UINTAH | ML-3037 | State Minerals |
| 4304737671 | BZ 10D-16-8-24 (DK) | NWSE | 16 | 8S | 24E | UINTAH | ML-3044A | State Minerals |
| 4304715128 | STATE 1 | NENE | 36 | 7S | 24E | UINTAH | ML-3053 | State Minerals |
| 4304733223 | WV 9W-13-8-21 | NESE | 13 | 8S | 21E | UINTAH | ML-3084A | State Minerals |
| 4304751171 | DS 9G-16-10-18 | NESE | 16 | 10S | 18E | UINTAH | ML-45175 (Zone A) | State Minerals |
| 4304733647 | WV 9G-2-8-21 | NESE | 2 | 8S | 21E | UINTAH | ML-45175 (Zone A) | State Minerals |
| 4304735484 | WH 13G-2-7-24 | SWSW | 2 | 7S | 24E | UINTAH | ML-46525 | State Minerals |
| 4301333485 | BIG WASH 61-16 GR | NENE | 16 | 10S | 16E | DUCHESNE | ML-47000 | State Minerals |
| 4304734067 | WV 11W-36-7-21 | NESW | 36 | 7S | 21E | UINTAH | ML-47040 | State Minerals |
| 4304734065 | WV 7W-36-7-21 | SWNE | 36 | 7S | 21E | UINTAH | ML-47040 | State Minerals |
| 4304734066 | WV 9WRG-36-7-21 | NESE | 36 | 7S | 21E | UINTAH | ML-47040 | State Minerals |
| 4304734099 | WV 5W-36-7-21 | SWNW | 36 | 7S | 21E | UINTAH | ML-47047 | State Minerals |
| 4301333483 | GILSONITE 11-02 GR | NWNE | 2 | 10S | 15E | DUCHESNE | ML-47049 | State Minerals |
| 4301333168 | BIG SPRING 3-36 GR | SWNE | 36 | 10S | 15E | DUCHESNE | ML-47051 | State Minerals |

| API Number | Well Name | Qtr/Qtr | Section | Township | Range | County | Lease or Unit # | Name of Unit or Lease |
|------------|----------------------------|---------|---------|----------|-------|----------|-------------------|---|
| 4304738055 | HR 10MU-2-12-23 (MU) | NWSE | 2 | 12S | 23E | UINTAH | ML-50193 | State Minerals |
| 4304752400 | EM 1G-36-9-17 (GR) | NENE | 36 | 9S | 17E | UINTAH | ML-51206 | State Minerals |
| 4304733730 | RW 21-36A (AKA RWU 21W-3 | NENW | 36 | 7S | 22E | UINTAH | U-0561ST | State Minerals |
| 4304737946 | RW 12-32BG (GR) | SWNW | 32 | 7S | 23E | UINTAH | UTO-02025-ST | State Minerals |
| 4304731354 | WHITE RIVER 43-16 | NENW | 16 | 8S | 22E | UINTAH | Unit # UTU 73974X | State Minerals in Glen Bench Sec Recovery Unit |
| 4304732857 | GB 11-16-8-22 | NESW | 16 | 8S | 22E | UINTAH | Unit # UTU 73974X | State Minerals in Glen Bench Sec Recovery Unit |
| 4304731399 | GB 45-16-8-22 | NENE | 16 | 8S | 22E | UINTAH | Unit # UTU 73974X | State Minerals in Glen Bench Sec Recovery Unit |
| 4304732583 | GB 12-16-8-22(WIW) | NWSW | 16 | 8S | 22E | UINTAH | Unit # UTU 73974X | State Minerals in Glen Bench Sec Recovery Unit |
| 4304732549 | GB 6-16-8-22 (WIW) | SENW | 16 | 8S | 22E | UINTAH | Unit # UTU 73974X | State Minerals in Glen Bench Sec Recovery Unit |
| 4304732582 | GB 7-16-8-22(WIW) | SWNE | 16 | 8S | 22E | UINTAH | Unit # UTU 73974X | State Minerals in Glen Bench Sec Recovery Unit |
| 4301350370 | WR 16G-32-10-17 | SESE | 32 | 10S | 17E | DUCHESNE | Unit # UTU 87716A | State Minerals Nautilus PA "A" Green River |
| 4304754358 | RW H1-14-16B | SWSW | 16 | 7S | 23E | UINTAH | Unit # UTU 63010D | State Minerals in Red Wash Unit PA "D" Gas |
| 4304715177 | RW 12-16B (GR) | SWNW | 16 | 7S | 23E | UINTAH | Unit # UTU 63010O | State Minerals in Red Wash Unit PA "O" Oil |
| 4304732785 | RW 14-16B (GR) | SWSW | 16 | 7S | 23E | UINTAH | Unit # UTU 63010O | State Minerals in Red Wash Unit PA "O" Oil |
| 4304737746 | RW 24-16BG (GR) | SESW | 16 | 7S | 23E | UINTAH | Unit # UTU 63010O | State Minerals in Red Wash Unit PA "O" Oil |
| 4304732786 | RW 34-16B (GR) | SWSE | 16 | 7S | 23E | UINTAH | Unit # UTU 63010O | State Minerals in Red Wash Unit PA "O" Oil |
| 4304735238 | RWU 32G-16C (GR) | SWNE | 16 | 7S | 24E | UINTAH | Unit # UTU 63010O | State Minerals in Red Wash Unit PA "O" Oil |
| 4304736887 | RW 01-36BG (GR) | NWNW | 36 | 7S | 23E | UINTAH | Unit # UTU 63010O | State Minerals in Red Wash Unit PA "O" Oil |
| 4304733807 | STATE 1-16-10-18 | NENE | 16 | 10S | 18E | UINTAH | Unit # UTU 81306X | State Minerals in Uteland Butte Secondary Recovery Unit |
| 4304734766 | DS NORTH STATE 3-16-10-18 | NENW | 16 | 10S | 18E | UINTAH | Unit # UTU 81306X | State Minerals in Uteland Butte Secondary Recovery Unit |
| 4304734767 | DS NORTH STATE 11-16-10-18 | NESW | 16 | 10S | 18E | UINTAH | Unit # UTU 81306X | State Minerals in Uteland Butte Secondary Recovery Unit |
| 4304734326 | WV 10W-16-8-21 | NWSE | 16 | 8S | 21E | UINTAH | Unit # UTU 63043E | State Minerals in Wonsits Valley PA "E" Gas |
| 4304734190 | WV 11W-16-8-21 | NESW | 16 | 8S | 21E | UINTAH | Unit # UTU 63043E | State Minerals in Wonsits Valley PA "E" Gas |
| 4304737824 | WV 12BML-16-8-21 (W) | SWNW | 16 | 8S | 21E | UINTAH | Unit # UTU 63043E | State Minerals in Wonsits Valley PA "E" Gas |
| 4304733649 | WV 12W-16-8-21 | NWSW | 16 | 8S | 21E | UINTAH | Unit # UTU 63043E | State Minerals in Wonsits Valley PA "E" Gas |
| 4304734191 | WV 13W-16-8-21 | SWSW | 16 | 8S | 21E | UINTAH | Unit # UTU 63043E | State Minerals in Wonsits Valley PA "E" Gas |
| 4304734192 | WV 14W-16-8-21 | SESW | 16 | 8S | 21E | UINTAH | Unit # UTU 63043E | State Minerals in Wonsits Valley PA "E" Gas |
| 4304737871 | WV 15CML-16-8-21 (ML) | SESW | 16 | 8S | 21E | UINTAH | Unit # UTU 63043E | State Minerals in Wonsits Valley PA "E" Gas |
| 4304734224 | WV 15W-16-8-21 | SWSE | 16 | 8S | 21E | UINTAH | Unit # UTU 63043E | State Minerals in Wonsits Valley PA "E" Gas |
| 4304733796 | WV 16W-13-8-21 | SESE | 13 | 8S | 21E | UINTAH | Unit # UTU 63043E | State Minerals in Wonsits Valley PA "E" Gas |
| 4304734225 | WV 16W-16-8-21 | SESE | 16 | 8S | 21E | UINTAH | Unit # UTU 63043E | State Minerals in Wonsits Valley PA "E" Gas |
| 4304734288 | WV 1MU-16-8-21 (W) | NENE | 16 | 8S | 21E | UINTAH | Unit # UTU 63043E | State Minerals in Wonsits Valley PA "E" Gas |

| API Number | Well Name | Qtr/Qtr | Section | Township | Range | County | Lease or Unit # | Name of Unit or Lease |
|------------|--------------------|---------|---------|----------|-------|--------|-------------------|--|
| 4304733246 | WV 2W-16-8-21 | NWNE | 16 | 8S | 21E | UINTAH | Unit # UTU 63043E | State Minerals in Wonsits Valley PA "E" Gas |
| 4304734321 | WV 5W-16-8-21 | SWNW | 16 | 8S | 21E | UINTAH | Unit # UTU 63043E | State Minerals in Wonsits Valley PA "E" Gas |
| 4304733527 | WV 6W-16-8-21 | SENE | 16 | 8S | 21E | UINTAH | Unit # UTU 63043E | State Minerals in Wonsits Valley PA "E" Gas |
| 4304734322 | WV 7W-16-8-21 | SWNE | 16 | 8S | 21E | UINTAH | Unit # UTU 63043E | State Minerals in Wonsits Valley PA "E" Gas |
| 4304734323 | WV 8ML-16-8-21 (W) | SENE | 16 | 8S | 21E | UINTAH | Unit # UTU 63043E | State Minerals in Wonsits Valley PA "E" Gas |
| 4304734325 | WV 9W-16-8-21 | NESE | 16 | 8S | 21E | UINTAH | Unit # UTU 63043E | State Minerals in Wonsits Valley PA "E" Gas |
| 4304733648 | WV 9W-2-8-21 | NESE | 2 | 8S | 21E | UINTAH | Unit # UTU 63043E | State Minerals in Wonsits Valley PA "E" Gas |
| 4304720085 | WONSITS VALLEY 75 | SWNE | 16 | 8S | 21E | UINTAH | Unit # UTU 63043O | State Minerals Wonsits Valley PA "O" Green River |
| 4304734035 | WV 10G-2-8-21 | NWSE | 2 | 8S | 21E | UINTAH | Unit # UTU 63043O | State Minerals Wonsits Valley PA "O" Green River |
| 4304731611 | WV 127 | SENE | 16 | 8S | 21E | UINTAH | Unit # UTU 63043O | State Minerals Wonsits Valley PA "O" Green River |
| 4304731118 | WV 134 | SESE | 16 | 8S | 21E | UINTAH | Unit # UTU 63043O | State Minerals Wonsits Valley PA "O" Green River |
| 4304734068 | WV 13G-2-8-21 | SWSW | 2 | 8S | 21E | UINTAH | Unit # UTU 63043O | State Minerals Wonsits Valley PA "O" Green River |
| 4304731609 | WV 141 | NWSE | 16 | 8S | 21E | UINTAH | Unit # UTU 63043O | State Minerals Wonsits Valley PA "O" Green River |
| 4304734036 | WV 14G-2-8-21 | SESW | 2 | 8S | 21E | UINTAH | Unit # UTU 63043O | State Minerals Wonsits Valley PA "O" Green River |
| 4304733247 | WV 2G-16-8-21 | NWNE | 16 | 8S | 21E | UINTAH | Unit # UTU 63043O | State Minerals Wonsits Valley PA "O" Green River |
| 4304716513 | WV 32 | NENW | 16 | 8S | 21E | UINTAH | Unit # UTU 63043O | State Minerals Wonsits Valley PA "O" Green River |
| 4304734107 | WV 5G-16-8-21 | SWNW | 16 | 8S | 21E | UINTAH | Unit # UTU 63043O | State Minerals Wonsits Valley PA "O" Green River |
| 4304720078 | WV 74 | SWSE | 16 | 8S | 21E | UINTAH | Unit # UTU 63043O | State Minerals Wonsits Valley PA "O" Green River |
| 4304733650 | WV 12G-16-8-21 | NWSW | 16 | 8S | 21E | UINTAH | Unit # UTU 63043O | State Minerals Wonsits Valley PA "O" Green River |
| 4304731612 | WV 142 | SESW | 16 | 8S | 21E | UINTAH | Unit # UTU 63043O | State Minerals Wonsits Valley PA "O" Green River |
| 4304720058 | WV 72 | SWSW | 16 | 8S | 21E | UINTAH | Unit # UTU 63043O | State Minerals Wonsits Valley PA "O" Green River |
| 4304720115 | WV 78 | NESW | 16 | 8S | 21E | UINTAH | Unit # UTU 63043O | State Minerals Wonsits Valley PA "O" Green River |
| 4304715452 | WV 21 | NENE | 16 | 8S | 21E | UINTAH | Unit # UTU 63043O | State Minerals Wonsits Valley PA "O" Green River |

Attachment A to Sundry Notice
 QEP Energy to Middle Fork Energy Uinta, LLC
 State and Fee Minerals

| API Number | Well Name | Qtr/Qtr | Section | Township | Range | County | Lease or Unit # | Name of Unit or Lease |
|------------|----------------------|---------|---------|----------|-------|--------|-------------------|--------------------------------|
| 4304737347 | CWD 10D-32-8-24 (M) | NWSE | 32 | 8S | 24E | UINTAH | Unit # UTU 81308C | Big Valley Consolidated PA "A" |
| 4304737277 | CWD 14D-32-8-24 (DK) | SESW | 32 | 8S | 24E | UINTAH | Unit # UTU 81308C | Big Valley Consolidated PA "A" |
| 4304737278 | CWD 16D-32-8-24 (M) | SESE | 32 | 8S | 24E | UINTAH | Unit # UTU 81308C | Big Valley Consolidated PA "A" |
| 4304737238 | NBZ 8D-31-8-24 (M) | SENE | 31 | 8S | 24E | UINTAH | Unit # UTU 81308C | Big Valley Consolidated PA "A" |
| 4304735653 | RWS 10ML-6-9-24 (ML) | NWSE | 6 | 9S | 24E | UINTAH | Unit # UTU 81308C | Big Valley Consolidated PA "A" |
| 4304737312 | RWS 12ML-6-9-24 (ML) | NWSW | 6 | 9S | 24E | UINTAH | Unit # UTU 81308C | Big Valley Consolidated PA "A" |
| 4304737335 | RWS 16ML-6-9-24 (ML) | SESE | 6 | 9S | 24E | UINTAH | Unit # UTU 81308C | Big Valley Consolidated PA "A" |
| 4304737306 | RWS 2ML-5-9-24 (W) | NWNE | 5 | 9S | 24E | UINTAH | Unit # UTU 81308C | Big Valley Consolidated PA "A" |
| 4304737412 | RWS 4ML-6-9-24 (W) | NWNW | 6 | 9S | 24E | UINTAH | Unit # UTU 81308C | Big Valley Consolidated PA "A" |
| 4304737413 | RWS 6D-6-9-24 (W) | SENE | 6 | 9S | 24E | UINTAH | Unit # UTU 81308C | Big Valley Consolidated PA "A" |
| 4304737352 | RWS 8D-6-9-24 (D) | SENE | 6 | 9S | 24E | UINTAH | Unit # UTU 81308C | Big Valley Consolidated PA "A" |
| 4304737237 | NBZ 13ML-29-8-24 (W) | SWSW | 29 | 8S | 24E | UINTAH | Unit # UTU 81308C | Big Valley Consolidated PA "A" |
| 4304737231 | NBZ 8ML-30-8-24 (W) | SENE | 30 | 8S | 24E | UINTAH | Unit # UTU 81308C | Big Valley Consolidated PA "A" |
| 4304737309 | RWS 12ML-5-9-24 (ML) | NWSW | 5 | 9S | 24E | UINTAH | Unit # UTU 81308C | Big Valley Consolidated PA "A" |
| 4304737310 | RWS 14D-5-9-24 (W) | SESW | 5 | 9S | 24E | UINTAH | Unit # UTU 81308C | Big Valley Consolidated PA "A" |
| 4304737414 | RWS 14D-6-9-24 (DK) | SESW | 6 | 9S | 24E | UINTAH | Unit # UTU 81308C | Big Valley Consolidated PA "A" |
| 4304737351 | RWS 4ML-5-9-24 (W) | NWNW | 5 | 9S | 24E | UINTAH | Unit # UTU 81308C | Big Valley Consolidated PA "A" |
| 4304737350 | RWS 6D-5-9-24 (DK) | SENE | 5 | 9S | 24E | UINTAH | Unit # UTU 81308C | Big Valley Consolidated PA "A" |
| 4304735684 | CWD 4ML-32-8-24 (MU) | NWNW | 32 | 8S | 24E | UINTAH | Unit # UTU 81308C | Big Valley Consolidated PA "A" |
| 4304715182 | RW 41-28B | NENE | 28 | 7S | 23E | UINTAH | U-02030 | Federal Lease |
| 4304731077 | RW 31-26B | NWNE | 26 | 7S | 23E | UINTAH | U-0566 | Federal Lease |
| 4304716477 | RW 12-24B | SWNW | 24 | 7S | 23E | UINTAH | U-082 | Federal Lease |
| 4304715151 | RW 21-23B | SENE | 23 | 7S | 23E | UINTAH | U-082 | Federal Lease |
| 4304715936 | RWE UTAH FED D-1 | SWSW | 14 | 7S | 24E | UINTAH | UTSL065819 | Federal Lease |
| 4304715937 | RWE UTAH FED D-2 | NESW | 25 | 7S | 24E | UINTAH | UTSL065819 | Federal Lease |
| 4304730570 | RWE UTAH FED D-3 | NWNW | 25 | 7S | 24E | UINTAH | UTSL065819 | Federal Lease |
| 4304731215 | RWE UTAH FED D-4 | SWSE | 14 | 7S | 24E | UINTAH | UTSL065819 | Federal Lease |
| 4304733765 | RW 22-13A | SENE | 13 | 7S | 22E | UINTAH | UTSL066446 | Federal Lease |
| 4304715308 | RW 32-22C | SWNE | 22 | 7S | 24E | UINTAH | UTSL066791 | Federal Lease |
| 4304732677 | PRINCE 4 | SWSW | 3 | 7S | 24E | UINTAH | UTSL-070932A | Federal Lease |
| 4304716199 | PRINCE 1 | SWSW | 10 | 7S | 24E | UINTAH | UTSL-070932A | Federal Lease |
| 4304735241 | WH 7G-10-7-24 | SWNE | 10 | 7S | 24E | UINTAH | UTSL-070932A | Federal Lease |
| 4304735242 | WH 15G-10-7-24 | SWSE | 10 | 7S | 24E | UINTAH | UTSL-070932A | Federal Lease |

| API Number | Well Name | Qtr/Qtr | Section | Township | Range | County | Lease or Unit # | Name of Unit or Lease |
|------------|----------------------------|---------|---------|----------|-------|--------|-----------------|-----------------------|
| 4304732595 | RWU 312 | SWNE | 34 | 7S | 24E | UINTAH | UTSL071963 | Federal Lease |
| 4304720136 | RW 14-27C | SWSW | 27 | 7S | 24E | UINTAH | UTSL071965 | Federal Lease |
| 4304734343 | WV 12W-23-8-21 | NWSW | 23 | 8S | 21E | UINTAH | UTU -025963 | Federal Lease |
| 4304739663 | WV 13D-23-8-21 (DK) | SWSW | 23 | 8S | 21E | UINTAH | UTU -025963 | Federal Lease |
| 4304739664 | WV 15D-23-8-21 (DK) | SWSE | 23 | 8S | 21E | UINTAH | UTU -025963 | Federal Lease |
| 4304733909 | WV 9W-23-8-21 | NESE | 23 | 8S | 21E | UINTAH | UTU -025963 | Federal Lease |
| 4304720163 | STAGECOACH UN-ST-FED 10-23 | NESW | 23 | 8S | 21E | UINTAH | UTU -025963 | Federal Lease |
| 4304720203 | STAGECOACH 12-23 | NESE | 23 | 8S | 21E | UINTAH | UTU -025963 | Federal Lease |
| 4304734341 | WVX 10W-23-8-21 | NWSE | 23 | 8S | 21E | UINTAH | UTU -025963 | Federal Lease |
| 4304734754 | OU GB 13W-10-8-22 | SWSW | 10 | 8S | 22E | UINTAH | UTU- 43915 | Federal Lease |
| 4304734769 | OU GB 12M-10-8-22 (M) | NWSW | 10 | 8S | 22E | UINTAH | UTU- 43915 | Federal Lease |
| 4304734625 | OU GB 10W-17-8-22 | NWSE | 17 | 8S | 22E | UINTAH | UTU- 65276 | Federal Lease |
| 4304734553 | OU GB 11W-17-8-22 | NESW | 17 | 8S | 22E | UINTAH | UTU- 65276 | Federal Lease |
| 4304734542 | OU GB 12W-17-8-22 | NWSW | 17 | 8S | 22E | UINTAH | UTU- 65276 | Federal Lease |
| 4304734544 | OU GB 13W-17-8-22 | SWSW | 17 | 8S | 22E | UINTAH | UTU- 65276 | Federal Lease |
| 4304734550 | OU GB 14W-17-8-22 | SESW | 17 | 8S | 22E | UINTAH | UTU- 65276 | Federal Lease |
| 4304734601 | OU GB 15W-17-8-22 | SWSE | 17 | 8S | 22E | UINTAH | UTU- 65276 | Federal Lease |
| 4304734602 | OU GB 16W-17-8-22 | SESE | 17 | 8S | 22E | UINTAH | UTU- 65276 | Federal Lease |
| 4304734623 | OU GB 1W-17-8-22 | NENE | 17 | 8S | 22E | UINTAH | UTU- 65276 | Federal Lease |
| 4304734560 | OU GB 7W-17-8-22 | SWNE | 17 | 8S | 22E | UINTAH | UTU- 65276 | Federal Lease |
| 4304734624 | OU GB 9W-17-8-22 | NESE | 17 | 8S | 22E | UINTAH | UTU- 65276 | Federal Lease |
| 4304734559 | OU GB 2W-17-8-22 | NWNE | 17 | 8S | 22E | UINTAH | UTU- 65276 | Federal Lease |
| 4304733513 | OU GB 3W-17-8-22 | NENW | 17 | 8S | 22E | UINTAH | UTU- 65276 | Federal Lease |
| 4304733514 | OU GB 5W-17-8-22 | SWNW | 17 | 8S | 22E | UINTAH | UTU- 65276 | Federal Lease |
| 4304734902 | WVX 11D-22-8-21 (M) | NESW | 22 | 8S | 21E | UINTAH | UTU 68218 | Federal Lease |
| 4304735391 | GH 10ML-18-8-21 (W) | NWSE | 18 | 8S | 21E | UINTAH | UTU 68219 | Federal Lease |
| 4304735323 | GH 15ML-18-8-21 (W) | SWSE | 18 | 8S | 21E | UINTAH | UTU 68219 | Federal Lease |
| 4304734562 | GHX 15W-17-8-21 | SWSE | 17 | 8S | 21E | UINTAH | UTU 68219 | Federal Lease |
| 4304733912 | WV 11W-17-8-21 | NESW | 17 | 8S | 21E | UINTAH | UTU 68219 | Federal Lease |
| 4304733956 | WV 7W-17-8-21 | SWNE | 17 | 8S | 21E | UINTAH | UTU 68219 | Federal Lease |
| 4304735370 | WVX 12MU-17-8-21 (W) | NWSW | 17 | 8S | 21E | UINTAH | UTU 68219 | Federal Lease |
| 4304735369 | WVX 14MU-17-8-21 (MU) | SESW | 17 | 8S | 21E | UINTAH | UTU 68219 | Federal Lease |
| 4304734928 | WVX 2W-17-8-21 | NWNE | 17 | 8S | 21E | UINTAH | UTU 68219 | Federal Lease |
| 4304735318 | WVX 3MU-17-8-21 (W) | NENW | 17 | 8S | 21E | UINTAH | UTU 68219 | Federal Lease |
| 4304734929 | WVX 8W-17-8-21 | SENE | 17 | 8S | 21E | UINTAH | UTU 68219 | Federal Lease |
| 4304734691 | GB 11ML-10-8-22 (W) | NESW | 10 | 8S | 22E | UINTAH | UTU- 74494 | Federal Lease |
| 4304734768 | OU GB 14W-10-8-22 (W) | SESW | 10 | 8S | 22E | UINTAH | UTU- 74494 | Federal Lease |

| API Number | Well Name | Qtr/Qtr | Section | Township | Range | County | Lease or Unit # | Name of Unit or Lease |
|------------|--------------------------|---------|---------|----------|-------|--------|-----------------|-----------------------|
| 4304734716 | OU GB 6W-15-8-22 | SENW | 15 | 8S | 22E | UINTAH | UTU- 74494 | Federal Lease |
| 4304734402 | WV 15W-6-8-22 | SWSE | 6 | 8S | 22E | UINTAH | UTU0103144 | Federal Lease |
| 4304738642 | WRU EIH 14BD-35-8-22 | SESW | 35 | 8S | 22E | UINTAH | UTU01089 | Federal Lease |
| 4304738641 | WRU EIH 7AD-35-8-22 (DK) | SWNE | 35 | 8S | 22E | UINTAH | UTU-01089 | Federal Lease |
| 4301530154 | FERRON MRC 12 ORRI | SWNE | 3 | 21S | 7E | UINTAH | UTU011246 | Federal Lease |
| 4304715258 | RW 21-18B | NENW | 18 | 7S | 23E | UINTAH | UTU0116 | Federal Lease |
| 4304735325 | GH 16W-19-8-21 | SESE | 19 | 8S | 21E | UINTAH | UTU0140740 | Federal Lease |
| 4304730099 | GH 6 (WIW) | NENW | 20 | 8S | 21E | UINTAH | UTU0140740 | Federal Lease |
| 4304734151 | GH 10W-20-8-21 | NWSE | 20 | 8S | 21E | UINTAH | UTU-0140740 | Federal Lease |
| 4304734334 | GH 11W-20-8-21 | NESW | 20 | 8S | 21E | UINTAH | UTU-0140740 | Federal Lease |
| 4304735069 | GH 12MU-20-8-21 (W) | NWSW | 20 | 8S | 21E | UINTAH | UTU-0140740 | Federal Lease |
| 4304733915 | GH 14W-20-8-21 | SESW | 20 | 8S | 21E | UINTAH | UTU-0140740 | Federal Lease |
| 4304734335 | GH 15W-20-8-21 | SWSE | 20 | 8S | 21E | UINTAH | UTU-0140740 | Federal Lease |
| 4304734336 | GH 16W-20-8-21 | SESE | 20 | 8S | 21E | UINTAH | UTU-0140740 | Federal Lease |
| 4304734327 | GH 1W-20-8-21 | NENE | 20 | 8S | 21E | UINTAH | UTU-0140740 | Federal Lease |
| 4304734328 | GH 2W-20-8-21 | NWNE | 20 | 8S | 21E | UINTAH | UTU-0140740 | Federal Lease |
| 4304734329 | GH 3W-20-8-21 | NENW | 20 | 8S | 21E | UINTAH | UTU-0140740 | Federal Lease |
| 4304734332 | GH 7W-20-8-21 | SWNE | 20 | 8S | 21E | UINTAH | UTU-0140740 | Federal Lease |
| 4304734333 | GH 9W-20-8-21 | NESE | 20 | 8S | 21E | UINTAH | UTU-0140740 | Federal Lease |
| 4304733528 | GH 10W-19-8-21 | NWSE | 19 | 8S | 21E | UINTAH | UTU-0140740 | Federal Lease |
| 4304735070 | GH 13MU-20-8-21 (W) | SWSW | 20 | 8S | 21E | UINTAH | UTU-0140740 | Federal Lease |
| 4304735068 | GH 4MU-20-8-21 (W) | NWNW | 20 | 8S | 21E | UINTAH | UTU-0140740 | Federal Lease |
| 4304735097 | GH 5W-20-8-21 | SWNW | 20 | 8S | 21E | UINTAH | UTU-0140740 | Federal Lease |
| 4304738662 | GH 6-20-8-21 (W) | SENW | 20 | 8S | 21E | UINTAH | UTU-0140740 | Federal Lease |
| 4304715175 | RW 12-29B (GR) | SWNW | 29 | 7S | 23E | UINTAH | UTU02025 | Federal Lease |
| 4304716490 | RW 43-29B | NESE | 29 | 7S | 23E | UINTAH | UTU02025 | Federal Lease |
| 4304733766 | RW 22-29B | SENW | 29 | 7S | 23E | UINTAH | UTU02025 | Federal Lease |
| 4304733771 | RW 42-30B (GR) | SENE | 30 | 7S | 23E | UINTAH | UTU02025 | Federal Lease |
| 4304733788 | RW 31-30B | NWNE | 30 | 7S | 23E | UINTAH | UTU02025 | Federal Lease |
| 4304715172 | RW 23-30B | NESW | 30 | 7S | 23E | UINTAH | UTU02030 | Federal Lease |
| 4304715242 | RW 34-19B | SWSE | 19 | 7S | 23E | UINTAH | UTU02030 | Federal Lease |
| 4304715252 | RW 43-19B (MV) | NESE | 19 | 7S | 23E | UINTAH | UTU02030 | Federal Lease |
| 4304715280 | RW 21-30B | NENW | 30 | 7S | 23E | UINTAH | UTU02030 | Federal Lease |
| 4304715174 | RW 32-19B | SWNE | 19 | 7S | 23E | UINTAH | UTU02030 | Federal Lease |
| 4304715244 | RW 12-19B | SWNW | 19 | 7S | 23E | UINTAH | UTU02030 | Federal Lease |
| 4304715271 | RW 14-20B | SWSW | 20 | 7S | 23E | UINTAH | UTU02030 | Federal Lease |
| 4304715291 | RW 23-20B (MV) | NESW | 20 | 7S | 23E | UINTAH | UTU02030 | Federal Lease |

| API Number | Well Name | Qtr/Qtr | Section | Township | Range | County | Lease or Unit # | Name of Unit or Lease |
|------------|-----------------------|---------|---------|----------|-------|--------|-----------------|-----------------------|
| 4304733500 | RW 33-20B | NWSE | 20 | 7S | 23E | UINTAH | UTU02030 | Federal Lease |
| 4304733552 | RW 11-19B | NWNW | 19 | 7S | 23E | UINTAH | UTU02030 | Federal Lease |
| 4304733556 | RW 42-19B (GR) | SENE | 19 | 7S | 23E | UINTAH | UTU02030 | Federal Lease |
| 4304715216 | RW 23-18C | NESW | 18 | 7S | 24E | UINTAH | UTU02148 | Federal Lease |
| 4304715298 | RW 23-17C | NESW | 17 | 7S | 24E | UINTAH | UTU02148 | Federal Lease |
| 4304730309 | RW 14-18C (GR) | SWSW | 18 | 7S | 24E | UINTAH | UTU02148 | Federal Lease |
| 4304715147 | RW 41-19C | NENE | 19 | 7S | 24E | UINTAH | UTU02149 | Federal Lease |
| 4304735239 | RWU 12G-20C | SWNW | 20 | 7S | 24E | UINTAH | UTU02149 | Federal Lease |
| 4304733493 | WV 3W-8-8-22 | NENW | 8 | 8S | 22E | UINTAH | UTU022158 | Federal Lease |
| 4304734469 | WV 8W-7-8-22 | SENE | 7 | 8S | 22E | UINTAH | UTU022158 | Federal Lease |
| 4304737945 | WV 13AD 8-8-22 | SWSW | 8 | 8S | 22E | UINTAH | UTU022158 | Federal Lease |
| 4304730017 | WONSITS VALLEY-FED 99 | SESW | 7 | 8S | 22E | UINTAH | UTU022158 | Federal Lease |
| 4304733814 | WV 10W-8-8-22 | NWSE | 8 | 8S | 22E | UINTAH | UTU-022158 | Federal Lease |
| 4304734007 | WV 14W-8-8-22 | SESW | 8 | 8S | 22E | UINTAH | UTU-022158 | Federal Lease |
| 4304734470 | WV 16W-8-8-22 | SESE | 8 | 8S | 22E | UINTAH | UTU-022158 | Federal Lease |
| 4304734005 | WV 8W-8-8-22 | SENE | 8 | 8S | 22E | UINTAH | UTU-022158 | Federal Lease |
| 4304733515 | WV 9W-8-8-22 | NESE | 8 | 8S | 22E | UINTAH | UTU-022158 | Federal Lease |
| 4304733517 | WV 15W-8-8-22 | SWSE | 8 | 8S | 22E | UINTAH | UTU-022158 | Federal Lease |
| 4304738990 | GB 1M-4-8-22R (M) | NENE | 4 | 8S | 22E | UINTAH | UTU-025010A | Federal Lease |
| 4304740345 | GB 3D-4-8-22R (DK) | Lot 6 | 4 | 8S | 22E | UINTAH | UTU-025010A | Federal Lease |
| 4304734762 | OU GB 12W-4-8-22 | NWSW | 4 | 8S | 22E | UINTAH | UTU-025010A | Federal Lease |
| 4304734808 | OU GB 5M-4-8-22 | SWNW | 4 | 8S | 22E | UINTAH | UTU-025010A | Federal Lease |
| 4304715090 | WR 31-4-8-22(WSW) | SWSE | 4 | 8S | 22E | UINTAH | UTU02510A | Federal Lease |
| 4304734006 | WR 14W-4-8-22 | SESW | 4 | 8S | 22E | UINTAH | UTU02510A | Federal Lease |
| 4304735462 | GB 1M-4-8-22 (M) | NENE | 4 | 8S | 22E | UINTAH | UTU02510A | Federal Lease |
| 4304734152 | GH 10W-21-8-21 | NWSE | 21 | 8S | 21E | UINTAH | UTU-025960 | Federal Lease |
| 4304733847 | GH 11W-21-8-21 | NESW | 21 | 8S | 21E | UINTAH | UTU-025960 | Federal Lease |
| 4304734153 | GH 12W-21-8-21 | NWSW | 21 | 8S | 21E | UINTAH | UTU-025960 | Federal Lease |
| 4304734154 | GH 14W-21-8-21 | SESW | 21 | 8S | 21E | UINTAH | UTU-025960 | Federal Lease |
| 4304733848 | GH 15W-21-8-21 | SWSE | 21 | 8S | 21E | UINTAH | UTU-025960 | Federal Lease |
| 4304734157 | GH 16W-21-8-21 | SESE | 21 | 8S | 21E | UINTAH | UTU-025960 | Federal Lease |
| 4304732692 | GH 21 WG | SWSW | 21 | 8S | 21E | UINTAH | UTU-025960 | Federal Lease |
| 4304733846 | GH 9W-21-8-21 | NESE | 21 | 8S | 21E | UINTAH | UTU-025960 | Federal Lease |
| 4304734156 | GH 16W-17-8-21 | SESE | 17 | 8S | 21E | UINTAH | UTU-025962 | Federal Lease |
| 4304715421 | GYPSUM HILLS 1 | NESE | 17 | 8S | 21E | UINTAH | UTU-025962 | Federal Lease |
| 4304735422 | GB 8MU-10-8-22 (MU) | SENE | 10 | 8S | 22E | UINTAH | UTU-029649 | Federal Lease |
| 4304716478 | RW 12-27A | SWNW | 27 | 7S | 22E | UINTAH | UTU0558 | Federal Lease |

| API Number | Well Name | Qtr/Qtr | Section | Township | Range | County | Lease or Unit # | Name of Unit or Lease |
|------------|------------------|---------|---------|----------|-------|--------|-----------------|-----------------------|
| 4304715282 | RW 34-28A (175) | SWSE | 28 | 7S | 22E | UINTAH | UTU0558 | Federal Lease |
| 4304715303 | RW 21-34A (GR) | NENW | 34 | 7S | 22E | UINTAH | UTU0558 | Federal Lease |
| 4304730058 | RW 43-28A | NESE | 28 | 7S | 22E | UINTAH | UTU0558 | Federal Lease |
| 4304735669 | RWU 34-27AD (DK) | SWSE | 27 | 7S | 22E | UINTAH | UTU0558 | Federal Lease |
| 4304751759 | RW 41-35AGR | NENE | 35 | 7S | 22E | UINTAH | UTU-0558 | Federal Lease |
| 4304715207 | RW 34-21A (85) | SWSE | 21 | 7S | 22E | UINTAH | UTU0559 | Federal Lease |
| 4304715223 | RW 14-22A | SWSW | 22 | 7S | 22E | UINTAH | UTU0559 | Federal Lease |
| 4304715301 | RW 43-22A | NESE | 22 | 7S | 22E | UINTAH | UTU0559 | Federal Lease |
| 4304731581 | RW 22-22A | SENW | 22 | 7S | 22E | UINTAH | UTU0559 | Federal Lease |
| 4304736770 | RW 43-23AG | NESE | 23 | 7S | 22E | UINTAH | UTU0559 | Federal Lease |
| 4304733568 | RW 34-24A | SWSE | 24 | 7S | 22E | UINTAH | UTU0561 | Federal Lease |
| 4304733569 | RW 42-24A | SENE | 24 | 7S | 22E | UINTAH | UTU0561 | Federal Lease |
| 4304733574 | RW 11-25A | NWNW | 25 | 7S | 22E | UINTAH | UTU0561 | Federal Lease |
| 4304733575 | RW 13-25A | NWSW | 25 | 7S | 22E | UINTAH | UTU0561 | Federal Lease |
| 4304733577 | RW 31-25A | NWNE | 25 | 7S | 22E | UINTAH | UTU0561 | Federal Lease |
| 4304733578 | RW 33-25A | NWSE | 25 | 7S | 22E | UINTAH | UTU0561 | Federal Lease |
| 4304733580 | RW 42-25A | SENE | 25 | 7S | 22E | UINTAH | UTU0561 | Federal Lease |
| 4304736769 | RW 43-26AG | NESE | 26 | 7S | 22E | UINTAH | UTU0561 | Federal Lease |
| 4304715142 | RW 34-27B | SWSE | 27 | 7S | 23E | UINTAH | UTU0566 | Federal Lease |
| 4304715194 | RW 23-27B | NESW | 27 | 7S | 23E | UINTAH | UTU0566 | Federal Lease |
| 4304715197 | RW 21-26B | NENW | 26 | 7S | 23E | UINTAH | UTU0566 | Federal Lease |
| 4304715256 | RW 11-27B | NWNW | 27 | 7S | 23E | UINTAH | UTU0566 | Federal Lease |
| 4304730200 | RW 31-27B | NWNE | 27 | 7S | 23E | UINTAH | UTU0566 | Federal Lease |
| 4304730257 | RW 14-26B | SWSW | 26 | 7S | 23E | UINTAH | UTU0566 | Federal Lease |
| 4304730259 | RW 43-26B | NESE | 26 | 7S | 23E | UINTAH | UTU0566 | Federal Lease |
| 4304730310 | RW 21-35B | NENW | 35 | 7S | 23E | UINTAH | UTU0566 | Federal Lease |
| 4304730311 | RW 12-26B (MV) | SWNW | 26 | 7S | 23E | UINTAH | UTU0566 | Federal Lease |
| 4304730343 | RW 41-35B | NENE | 35 | 7S | 23E | UINTAH | UTU0566 | Federal Lease |
| 4304730344 | RW 12-36B (GR) | SWNW | 36 | 7S | 23E | UINTAH | UTU0566 | Federal Lease |
| 4304730517 | RW 22-26B | SENW | 26 | 7S | 23E | UINTAH | UTU0566 | Federal Lease |
| 4304730522 | RW 13-26B | NWSW | 26 | 7S | 23E | UINTAH | UTU0566 | Federal Lease |
| 4304731076 | RW 11-26B | NWNW | 26 | 7S | 23E | UINTAH | UTU0566 | Federal Lease |
| 4304731081 | RW 42-35B (GR) | SENE | 35 | 7S | 23E | UINTAH | UTU0566 | Federal Lease |
| 4304731578 | RW 12-35B (GR) | SWNW | 35 | 7S | 23E | UINTAH | UTU0566 | Federal Lease |
| 4304715277 | RW 23-21B | NESW | 21 | 7S | 23E | UINTAH | UTU0567 | Federal Lease |
| 4304716482 | RW 41-21B | NENE | 21 | 7S | 23E | UINTAH | UTU0567 | Federal Lease |
| 4304733522 | RW 22-21B (GR) | SENW | 21 | 7S | 23E | UINTAH | UTU0567 | Federal Lease |

| API Number | Well Name | Qtr/Qtr | Section | Township | Range | County | Lease or Unit # | Name of Unit or Lease |
|------------|--------------------------|---------|---------|----------|-------|--------|-----------------|-----------------------|
| 4304716496 | RW 21-21B | NENW | 21 | 7S | 23E | UINTAH | UTU0569 | Federal Lease |
| 4304733993 | WV 12W-18-8-22 | NWSW | 18 | 8S | 22E | UINTAH | UTU057 | Federal Lease |
| 4304734648 | OU GB 11W-15-8-22 | NESW | 15 | 8S | 22E | UINTAH | UTU-058 | Federal Lease |
| 4304734714 | OU GB 12W-15-8-22 | NWSW | 15 | 8S | 22E | UINTAH | UTU-058 | Federal Lease |
| 4304735193 | WRU EIH 8MU-26-8-22 (W) | SENE | 26 | 8S | 22E | UINTAH | UTU-0629 | Federal Lease |
| 4304715173 | RW 41-21C | NENE | 21 | 7S | 24E | UINTAH | UTU080 | Federal Lease |
| 4304715299 | RW 43-21C | NESE | 21 | 7S | 24E | UINTAH | UTU080 | Federal Lease |
| 4304715306 | RW 23-21C | NESW | 21 | 7S | 24E | UINTAH | UTU080 | Federal Lease |
| 4304734047 | WV 16W-1-8-21 | SESE | 1 | 8S | 21E | UINTAH | UTU0802 | Federal Lease |
| 4304733794 | WV 10W-1-8-21 | NWSE | 1 | 8S | 21E | UINTAH | UTU0802 | Federal Lease |
| 4304734009 | WV 8W-1-8-21 | SENE | 1 | 8S | 21E | UINTAH | UTU0802 | Federal Lease |
| 4304734108 | WV 12G-1-8-21 | NWSW | 1 | 8S | 21E | UINTAH | UTU0802 | Federal Lease |
| 4304735248 | GB 14M-28-8-21 (MU) | SESW | 28 | 8S | 21E | UINTAH | UTU-0803 | Federal Lease |
| 4304736260 | GB 16D-28-8-21 (M) | SESE | 28 | 8S | 21E | UINTAH | UTU-0803 | Federal Lease |
| 4304735246 | GB 4D-28-8-21 (M) | NWNW | 28 | 8S | 21E | UINTAH | UTU-0803 | Federal Lease |
| 4304735247 | GB 7M-28-8-21 (M) | SWNE | 28 | 8S | 21E | UINTAH | UTU-0803 | Federal Lease |
| 4304730824 | WONSITS VALLEY UNIT 1-35 | NENE | 21 | 8S | 21E | UINTAH | UTU0804 | Federal Lease |
| 4304731047 | WV 136 | NENW | 21 | 8S | 21E | UINTAH | UTU0804 | Federal Lease |
| 4304732818 | GH 22 WG | SWNW | 22 | 8S | 21E | UINTAH | UTU-0804 | Federal Lease |
| 4304733907 | WV 7W-22-8-21 | SWNE | 22 | 8S | 21E | UINTAH | UTU-0804 | Federal Lease |
| 4304734272 | WV 6W-22-8-21 (GR) | SENW | 22 | 8S | 21E | UINTAH | UTU-0804 | Federal Lease |
| 4304733565 | WV 16G-9-8-21 | SESE | 9 | 8S | 21E | UINTAH | UTU0805 | Federal Lease |
| 4304733085 | WV 11 WG | SWNE | 12 | 8S | 21E | UINTAH | UTU0806 | Federal Lease |
| 4304733270 | WV 7W-13-8-21 (GR) | SWNE | 13 | 8S | 21E | UINTAH | UTU0806 | Federal Lease |
| 4304733532 | WV 1W-13-8-21 | NENE | 13 | 8S | 21E | UINTAH | UTU0806 | Federal Lease |
| 4304733606 | WV 13W-13-8-21 | SWSW | 13 | 8S | 21E | UINTAH | UTU0806 | Federal Lease |
| 4304733608 | WV 15W-13-8-21 | SWSE | 13 | 8S | 21E | UINTAH | UTU0806 | Federal Lease |
| 4304733659 | WV 12W-10-8-21 | NWSW | 10 | 8S | 21E | UINTAH | UTU0806 | Federal Lease |
| 4304734245 | WV 6W-12-8-21 | SENW | 12 | 8S | 21E | UINTAH | UTU0806 | Federal Lease |
| 4304734248 | WV 12W-12-8-21 | NWSW | 12 | 8S | 21E | UINTAH | UTU0806 | Federal Lease |
| 4304734265 | WV 2W-12-8-21 | NWNE | 12 | 8S | 21E | UINTAH | UTU0806 | Federal Lease |
| 4304734267 | WV 3W-12-8-21 | NENW | 12 | 8S | 21E | UINTAH | UTU0806 | Federal Lease |
| 4304734268 | WV 4D-12-8-21 (DK) | NWNW | 12 | 8S | 21E | UINTAH | UTU0806 | Federal Lease |
| 4304734270 | WV 5W-12-8-21 | SWNW | 12 | 8S | 21E | UINTAH | UTU0806 | Federal Lease |
| 4304734274 | WV 9W-11-8-21 | NESE | 11 | 8S | 21E | UINTAH | UTU0806 | Federal Lease |
| 4304737923 | WV 3DML-13-8-21 | SENW | 13 | 8S | 21E | UINTAH | UTU0806 | Federal Lease |
| 4304737925 | WV 15AML-12-8-21 | NWSE | 12 | 8S | 21E | UINTAH | UTU0806 | Federal Lease |

| API Number | Well Name | Qtr/Qtr | Section | Township | Range | County | Lease or Unit # | Name of Unit or Lease |
|------------|------------------------------|---------|---------|----------|-------|--------|-----------------|-----------------------|
| 4304715439 | WONSITS VALLEY UNIT 8 | NENE | 12 | 8S | 21E | UINTAH | UTU0806 | Federal Lease |
| 4304715440 | WONSITS VALLEY 9 | NESE | 12 | 8S | 21E | UINTAH | UTU0806 | Federal Lease |
| 4304715441 | WONSITS VALLEY UNIT 10 | NESW | 12 | 8S | 21E | UINTAH | UTU0806 | Federal Lease |
| 4304715442 | WONSITS VALLEY UNIT 11 | SWNE | 12 | 8S | 21E | UINTAH | UTU0806 | Federal Lease |
| 4304715444 | WONSITS VALLEY UNIT 13 | NESE | 11 | 8S | 21E | UINTAH | UTU0806 | Federal Lease |
| 4304715446 | WONSITS VALLEY UNIT 15 | SWNW | 12 | 8S | 21E | UINTAH | UTU0806 | Federal Lease |
| 4304715448 | WONSITS VALLEY UNIT 17 | SWSW | 12 | 8S | 21E | UINTAH | UTU0806 | Federal Lease |
| 4304715456 | WONSITS VALLEY-FED 27 | NENW | 12 | 8S | 21E | UINTAH | UTU0806 | Federal Lease |
| 4304715457 | WONSITS VALLEY UNIT 28 | NESW | 11 | 8S | 21E | UINTAH | UTU0806 | Federal Lease |
| 4304715458 | WONSITS VALLEY UNIT 29 | NENW | 13 | 8S | 21E | UINTAH | UTU0806 | Federal Lease |
| 4304715459 | WONSITS VALLEY UNIT 30 | NENE | 11 | 8S | 21E | UINTAH | UTU0806 | Federal Lease |
| 4304715462 | WONSITS VALLEY UNIT 34 | SWNW | 11 | 8S | 21E | UINTAH | UTU0806 | Federal Lease |
| 4304715467 | WONSITS VALLEY FED 39 | SWNE | 11 | 8S | 21E | UINTAH | UTU0806 | Federal Lease |
| 4304715470 | WONSITS VALLEY-FED 42 | SWSE | 11 | 8S | 21E | UINTAH | UTU0806 | Federal Lease |
| 4304715478 | WONSITS VALLEY UNIT 51 | NESW | 13 | 8S | 21E | UINTAH | UTU0806 | Federal Lease |
| 4304720001 | WVFU 52 | NENE | 13 | 8S | 21E | UINTAH | UTU0806 | Federal Lease |
| 4304720017 | WONSITS VALLEY UNIT 58 | SWSW | 13 | 8S | 21E | UINTAH | UTU0806 | Federal Lease |
| 4304720263 | WONSITS VALLEY-FED 87 | NWSE | 12 | 8S | 21E | UINTAH | UTU0806 | Federal Lease |
| 4304730007 | WONSITS VALLEY UNIT 92 | SESW | 12 | 8S | 21E | UINTAH | UTU0806 | Federal Lease |
| 4304730008 | WONSITS VALLEY UNIT 93 | SESE | 11 | 8S | 21E | UINTAH | UTU0806 | Federal Lease |
| 4304730009 | WVFU 94 | NWSE | 11 | 8S | 21E | UINTAH | UTU0806 | Federal Lease |
| 4304730010 | WONSITS VALLEY UNIT 95 | SENE | 11 | 8S | 21E | UINTAH | UTU0806 | Federal Lease |
| 4304730015 | WONSITS VALLEY 98 | SESW | 11 | 8S | 21E | UINTAH | UTU0806 | Federal Lease |
| 4304730026 | WONSITS VALLEY-FED 108 | SESE | 12 | 8S | 21E | UINTAH | UTU0806 | Federal Lease |
| 4304730050 | WONSITS VALLEY 114 | SESW | 13 | 8S | 21E | UINTAH | UTU0806 | Federal Lease |
| 4304730144 | WVFU 115 | SESW | 12 | 8S | 21E | UINTAH | UTU0806 | Federal Lease |
| 4304730195 | STATE-FEDERAL 116 | SESE | 11 | 8S | 21E | UINTAH | UTU0806 | Federal Lease |
| 4304730238 | WONSITS VALLEY-STATE FEDERAL | NWNE | 12 | 8S | 21E | UINTAH | UTU0806 | Federal Lease |
| 4304731048 | WONSITS VALLEY 88-2 | NWSW | 12 | 8S | 21E | UINTAH | UTU0806 | Federal Lease |
| 4304731809 | WONSITS VALLEY UNIT 101-2 | NWNW | 13 | 8S | 21E | UINTAH | UTU0806 | Federal Lease |
| 4304734155 | WV 16W-11-8-21 | SESE | 11 | 8S | 21E | UINTAH | UTU0806 | Federal Lease |
| 4304715451 | WONSITS VALLEY UNIT 20 | NENW | 11 | 8S | 21E | UINTAH | UTU-0806 | Federal Lease |
| 4304734296 | WV 12W-15-8-21 | NWSW | 15 | 8S | 21E | UINTAH | UTU0807 | Federal Lease |
| 4304733902 | WV 1W-15-8-21 | NENE | 15 | 8S | 21E | UINTAH | UTU0807 | Federal Lease |
| 4304733952 | WV 3W-14-8-21 | NENW | 14 | 8S | 21E | UINTAH | UTU0807 | Federal Lease |
| 4304734279 | WV 12W-14-8-21 | NWSW | 14 | 8S | 21E | UINTAH | UTU0807 | Federal Lease |
| 4304715449 | WONSITS VALLEY UNIT 18 | NESE | 14 | 8S | 21E | UINTAH | UTU0807 | Federal Lease |

| API Number | Well Name | Qtr/Qtr | Section | Township | Range | County | Lease or Unit # | Name of Unit or Lease |
|------------|------------------------|---------|---------|----------|-------|--------|-----------------|-----------------------|
| 4304715472 | WONSITS VALLEY UNIT 44 | NENE | 14 | 8S | 21E | UINTAH | UTU0807 | Federal Lease |
| 4304720042 | WONSITS VALLEY UNIT 66 | SWSE | 14 | 8S | 21E | UINTAH | UTU0807 | Federal Lease |
| 4304720051 | WONSITS VALLEY UNIT 71 | SWSW | 15 | 8S | 21E | UINTAH | UTU0807 | Federal Lease |
| 4304730020 | WVFU 102 | NWNE | 14 | 8S | 21E | UINTAH | UTU0807 | Federal Lease |
| 4304730047 | WVFU 111 | SENE | 14 | 8S | 21E | UINTAH | UTU0807 | Federal Lease |
| 4304732102 | WONSITS VALLEY FED 201 | SWNE | 15 | 8S | 21E | UINTAH | UTU0807 | Federal Lease |
| 4304732308 | WONSITS VALLEY 202 | NWSW | 15 | 8S | 21E | UINTAH | UTU0807 | Federal Lease |
| 4304720223 | WONSITS VALLEY UNIT 84 | SWNW | 23 | 8S | 21E | UINTAH | UTU0809 | Federal Lease |
| 4304731049 | WONSITS VALLEY 84-2 | SWNW | 23 | 8S | 21E | UINTAH | UTU0809 | Federal Lease |
| 4304715137 | RW 41-22B | NENE | 22 | 7S | 23E | UINTAH | UTU081 | Federal Lease |
| 4304715143 | RW 14-22B | SWSW | 22 | 7S | 23E | UINTAH | UTU081 | Federal Lease |
| 4304715160 | RW 14-14B | SWSW | 14 | 7S | 23E | UINTAH | UTU081 | Federal Lease |
| 4304715168 | RW 34-13B (GR) | SWSE | 13 | 7S | 23E | UINTAH | UTU081 | Federal Lease |
| 4304715190 | RW 42-22B | SENE | 22 | 7S | 23E | UINTAH | UTU081 | Federal Lease |
| 4304715259 | RW 24-13B | SESW | 13 | 7S | 23E | UINTAH | UTU081 | Federal Lease |
| 4304715263 | RW 31-22B | NWNE | 22 | 7S | 23E | UINTAH | UTU081 | Federal Lease |
| 4304715285 | RW 22-13B | SENW | 13 | 7S | 23E | UINTAH | UTU081 | Federal Lease |
| 4304716485 | RW 41-13B | NENE | 13 | 7S | 23E | UINTAH | UTU081 | Federal Lease |
| 4304730202 | RW 44-22B | SESE | 22 | 7S | 23E | UINTAH | UTU081 | Federal Lease |
| 4304731512 | RW 44-13B | SESE | 13 | 7S | 23E | UINTAH | UTU081 | Federal Lease |
| 4304731577 | RW 11-22B | NWNW | 22 | 7S | 23E | UINTAH | UTU081 | Federal Lease |
| 4304734337 | WV 2W-24-8-21 | NWNE | 24 | 8S | 21E | UINTAH | UTU0810 | Federal Lease |
| 4304720199 | WONSITS VALLEY 81 | SWNW | 24 | 8S | 21E | UINTAH | UTU0810 | Federal Lease |
| 4304715141 | RW 12-23B | SWNW | 23 | 7S | 23E | UINTAH | UTU082 | Federal Lease |
| 4304715212 | RW 11-23B | NWNW | 23 | 7S | 23E | UINTAH | UTU082 | Federal Lease |
| 4304715278 | RW 23-24B | NESW | 24 | 7S | 23E | UINTAH | UTU082 | Federal Lease |
| 4304715295 | RW 43-24B (GR) | NESE | 24 | 7S | 23E | UINTAH | UTU082 | Federal Lease |
| 4304716476 | RW 23-23B | NESW | 23 | 7S | 23E | UINTAH | UTU082 | Federal Lease |
| 4304730192 | RW 22-23B | SENW | 23 | 7S | 23E | UINTAH | UTU082 | Federal Lease |
| 4304730212 | RW 13-23B | NWSW | 23 | 7S | 23E | UINTAH | UTU082 | Federal Lease |
| 4304730249 | RW 24-23B | SESW | 23 | 7S | 23E | UINTAH | UTU082 | Federal Lease |
| 4304731515 | RW 12-23BX | SWNW | 23 | 7S | 23E | UINTAH | UTU082 | Federal Lease |
| 4304731683 | RW 22-24B | SENW | 24 | 7S | 23E | UINTAH | UTU082 | Federal Lease |
| 4304715164 | RW 41-25B | NENE | 25 | 7S | 23E | UINTAH | UTU0823 | Federal Lease |
| 4304715249 | RW 32-05F | SWNE | 5 | 8S | 24E | UINTAH | UTU0823 | Federal Lease |
| 4304730312 | RW 12-25B | SWNW | 25 | 7S | 23E | UINTAH | UTU0823 | Federal Lease |
| 4304735656 | RW 22G-09F | SENW | 9 | 8S | 24E | UINTAH | UTU0826 | Federal Lease |

| API Number | Well Name | Qtr/Qtr | Section | Township | Range | County | Lease or Unit # | Name of Unit or Lease |
|------------|-------------------------|---------|---------|----------|-------|----------|-----------------|-----------------------|
| 4304732538 | RW 41-4F | C-NE | 4 | 8S | 24E | UINTAH | UTU-0830 | Federal Lease |
| 4304730199 | RW 13-27B (GR) | NWSW | 27 | 7S | 23E | UINTAH | UTU0933 | Federal Lease |
| 4304715083 | WHITE RIVER UNIT 19-9 | SWNE | 9 | 8S | 22E | UINTAH | UTU0971 | Federal Lease |
| 4304715087 | WHITE RIVER UNIT 25-9 | NENE | 9 | 8S | 22E | UINTAH | UTU0971 | Federal Lease |
| 4304734687 | OU WIH 2M-21-8-22 | NWNE | 21 | 8S | 22E | UINTAH | UTU28652 | Federal Lease |
| 4304734755 | OU GB 6MU-21-8-22 (W) | SENW | 21 | 8S | 22E | UINTAH | UTU-28652 | Federal Lease |
| 4304734681 | OU WIH 10W-21-8-22 | NWSE | 21 | 8S | 22E | UINTAH | UTU-28652 | Federal Lease |
| 4304734646 | OU WIH 13W-21-8-22 | SWSW | 21 | 8S | 22E | UINTAH | UTU-28652 | Federal Lease |
| 4304734664 | OU WIH 14W-21-8-22 | SESW | 21 | 8S | 22E | UINTAH | UTU-28652 | Federal Lease |
| 4304734634 | OU WIH 15MU-21-8-22 | SWSE | 21 | 8S | 22E | UINTAH | UTU-28652 | Federal Lease |
| 4304734689 | OU WIH 7W-21-8-22 | SWNE | 21 | 8S | 22E | UINTAH | UTU-28652 | Federal Lease |
| 4304736060 | WIH 1AMU-21-8-22 (W) | NENE | 21 | 8S | 22E | UINTAH | UTU-28652 | Federal Lease |
| 4304734685 | OU GB 4G-21-8-22 | NWNW | 21 | 8S | 22E | UINTAH | UTU-28652 | Federal Lease |
| 4304734690 | OU GB 5W-21-8-22 | SWNW | 21 | 8S | 22E | UINTAH | UTU-28652 | Federal Lease |
| 4304734686 | OU GB 3W-21-8-22 (GB) | NENW | 21 | 8S | 22E | UINTAH | UTU-28652 | Federal Lease |
| 4304734693 | OU WIH 1MU-21-8-22 (MU) | NENE | 21 | 8S | 22E | UINTAH | UTU-28652 | Federal Lease |
| 4304731805 | BRENNAN FZ-BB1 | NESE | 20 | 7S | 21E | UINTAH | UTU42050 | Federal Lease |
| 4304734835 | WRU EIH 14W-26-8-22 | SESW | 26 | 8S | 22E | UINTAH | UTU43916 | Federal Lease |
| 4304736446 | EIHX 2MU-36-8-22 (W) | NWNE | 36 | 8S | 22E | UINTAH | UTU56960 | Federal Lease |
| 4304736447 | EIHX 1MU-36-8-22 (W) | NENE | 36 | 8S | 22E | UINTAH | UTU-56960 | Federal Lease |
| 4304736445 | EIHX 3MU-36-8-22 (W) | NENW | 36 | 8S | 22E | UINTAH | UTU-56960 | Federal Lease |
| 4304736444 | EIHX 4MU-36-8-22 (W) | NWNW | 36 | 8S | 22E | UINTAH | UTU-56960 | Federal Lease |
| 4304731024 | LANSDALE FEDERAL 1-11 | SWSW | 11 | 7S | 24E | UINTAH | UTU60746 | Federal Lease |
| 4301331888 | W RIVER BEND 3-12-10-15 | NENW | 12 | 10S | 15E | DUCHESNE | UTU63150 | Federal Lease |
| 4304731556 | GB 3-17 | SESE | 17 | 8S | 22E | UINTAH | UTU65276 | Federal Lease |
| 4304731487 | ANTELOPE DRAW 1-19-2C | SENE | 19 | 8S | 22E | UINTAH | UTU65404 | Federal Lease |
| 4304734512 | OU GB 1W-19-8-22 | NENE | 19 | 8S | 22E | UINTAH | UTU-65404 | Federal Lease |
| 4304734515 | OU GB 7W-19-8-22 | SWNE | 19 | 8S | 22E | UINTAH | UTU-65404 | Federal Lease |
| 4304734516 | OU GB 8W-19-8-22 | SENE | 19 | 8S | 22E | UINTAH | UTU-65404 | Federal Lease |
| 4304734513 | OU GB 2W-19-8-22 | NWNE | 19 | 8S | 22E | UINTAH | UTU-65404 | Federal Lease |
| 4304734534 | OU GB 6W-19-8-22 | SENW | 19 | 8S | 22E | UINTAH | UTU-65404 | Federal Lease |
| 4304735331 | EIHX 11MU-25-8-22 (W) | NESW | 25 | 8S | 22E | UINTAH | UTU-65471 | Federal Lease |
| 4304735330 | EIHX 14MU-25-8-22 (W) | SESW | 25 | 8S | 22E | UINTAH | UTU-65471 | Federal Lease |
| 4304735428 | EIHX 1MU-25-8-22 (W) | NENE | 25 | 8S | 22E | UINTAH | UTU-65471 | Federal Lease |
| 4304735427 | EIHX 2MU-25-8-22 (W) | NWNE | 25 | 8S | 22E | UINTAH | UTU-65471 | Federal Lease |
| 4304735429 | EIHX 7MU-25-8-22 (W) | SWNE | 25 | 8S | 22E | UINTAH | UTU-65471 | Federal Lease |
| 4304735430 | EIHX 8MU-25-8-22 (W) | SENE | 25 | 8S | 22E | UINTAH | UTU-65471 | Federal Lease |

| API Number | Well Name | Qtr/Qtr | Section | Township | Range | County | Lease or Unit # | Name of Unit or Lease |
|------------|---------------------------|---------|---------|----------|-------|--------|-----------------|-----------------------|
| 4304735436 | EIHX 10MU-25-8-22 (W) | NWSE | 25 | 8S | 22E | UINTAH | UTU-65472 | Federal Lease |
| 4304735435 | EIHX 15MU-25-8-22 (W) | SWSE | 25 | 8S | 22E | UINTAH | UTU-65472 | Federal Lease |
| 4304735434 | EIHX 16MU-25-8-22 (W) | SESE | 25 | 8S | 22E | UINTAH | UTU-65472 | Federal Lease |
| 4304735433 | EIHX 9MU-25-8-22 (W) | NESE | 25 | 8S | 22E | UINTAH | UTU-65472 | Federal Lease |
| 4304734147 | GH 5W-21-8-21 | SWNW | 21 | 8S | 21E | UINTAH | UTU-68217 | Federal Lease |
| 4304734148 | GH 6W-21-8-21 | SENW | 21 | 8S | 21E | UINTAH | UTU-68217 | Federal Lease |
| 4304733845 | GH 7W-21-8-21 | SWNE | 21 | 8S | 21E | UINTAH | UTU-68217 | Federal Lease |
| 4304734149 | GH 8W-21-8-21 | SENE | 21 | 8S | 21E | UINTAH | UTU-68217 | Federal Lease |
| 4304734561 | WVX 10W-17-8-21 (GR) | NWSE | 17 | 8S | 21E | UINTAH | UTU68219 | Federal Lease |
| 4304735324 | GH 1ML-19-8-21 (W) | NENE | 19 | 8S | 21E | UINTAH | UTU-68220 | Federal Lease |
| 4304738267 | GH 7D-19-8-21 (MV) | SWNE | 19 | 8S | 21E | UINTAH | UTU-68220 | Federal Lease |
| 4304732754 | FLU KNOLLS FED 23-3 | NESW | 3 | 10S | 18E | UINTAH | UTU-68620 | Federal Lease |
| 4304734604 | OU GB 1W-20-8-22 | NENE | 20 | 8S | 22E | UINTAH | UTU69001 | Federal Lease |
| 4304734599 | OU GB 2W-20-8-22 | NWNE | 20 | 8S | 22E | UINTAH | UTU-69001 | Federal Lease |
| 4304734018 | OU GB 6W-20-8-22 | SENW | 20 | 8S | 22E | UINTAH | UTU-69001 | Federal Lease |
| 4304734705 | OU GB 7W-20-8-22 | SWNE | 20 | 8S | 22E | UINTAH | UTU-69001 | Federal Lease |
| 4304737665 | GB 8D-20-8-22 (W) | SENE | 20 | 8S | 22E | UINTAH | UTU-69001 | Federal Lease |
| 4304733526 | OU GB 3W-20-8-22 | NENW | 20 | 8S | 22E | UINTAH | UTU-69001 | Federal Lease |
| 4304734043 | OU GB 4W-20-8-22 | NWNW | 20 | 8S | 22E | UINTAH | UTU-69001 | Federal Lease |
| 4304734209 | OU GB 5W-20-8-22 | SWNW | 20 | 8S | 22E | UINTAH | UTU-69001 | Federal Lease |
| 4304734403 | SU BW 15W-18-7-22 | SWSE | 18 | 7S | 22E | UINTAH | UTU71416 | Federal Lease |
| 4304732493 | EAST COYOTE FED 14-4-8-25 | SESW | 4 | 8S | 25E | UINTAH | UTU-72109 | Federal Lease |
| 4304736143 | NBE 8ML-12-9-23 (W) | SENE | 12 | 9S | 23E | UINTAH | UTU72634 | Federal Lease |
| 4304736620 | NBE 10D-26-9-23 (M) | NWSE | 26 | 9S | 23E | UINTAH | UTU-72634 | Federal Lease |
| 4304736617 | NBE 10ML-17-9-23 (W) | NWSE | 17 | 9S | 23E | UINTAH | UTU-72634 | Federal Lease |
| 4304736594 | NBE 11ML-10-9-23 (W) | NESW | 10 | 9S | 23E | UINTAH | UTU-72634 | Federal Lease |
| 4304735466 | NBE 11ML-17-9-23 (W) | NESW | 17 | 9S | 23E | UINTAH | UTU-72634 | Federal Lease |
| 4304735333 | NBE 12ML-10-9-23 (ML) | NWSW | 10 | 9S | 23E | UINTAH | UTU-72634 | Federal Lease |
| 4304735652 | NBE 12ML-17-9-23 (ML) | NWSW | 17 | 9S | 23E | UINTAH | UTU-72634 | Federal Lease |
| 4304735334 | NBE 13ML-17-9-23 (ML) | SWSW | 17 | 9S | 23E | UINTAH | UTU-72634 | Federal Lease |
| 4304736622 | NBE 13ML-26-9-23 (W) | SWSW | 26 | 9S | 23E | UINTAH | UTU-72634 | Federal Lease |
| 4304736618 | NBE 14ML-17-9-23 (W) | SESW | 17 | 9S | 23E | UINTAH | UTU-72634 | Federal Lease |
| 4304736623 | NBE 14ML-26-9-23 (W) | SESW | 26 | 9S | 23E | UINTAH | UTU-72634 | Federal Lease |
| 4304736595 | NBE 15ML-10-9-23 (W) | SWSE | 10 | 9S | 23E | UINTAH | UTU-72634 | Federal Lease |
| 4304735463 | NBE 15ML-17-9-23 (W) | SWSE | 17 | 9S | 23E | UINTAH | UTU-72634 | Federal Lease |
| 4304735666 | NBE 15ML-26-9-23 (ML) | SWSE | 26 | 9S | 23E | UINTAH | UTU-72634 | Federal Lease |
| 4304736100 | NBE 16ML-10-9-23 (W) | SESE | 10 | 9S | 23E | UINTAH | UTU-72634 | Federal Lease |

| API Number | Well Name | Qtr/Qtr | Section | Township | Range | County | Lease or Unit # | Name of Unit or Lease |
|------------|----------------------------|---------|---------|----------|-------|--------|-----------------|-----------------------|
| 4304736624 | NBE 16ML-26-9-23 (W) | SESE | 26 | 9S | 23E | UINTAH | UTU-72634 | Federal Lease |
| 4304737619 | NBE 2ML-10-9-23 (W) | NWNE | 10 | 9S | 23E | UINTAH | UTU-72634 | Federal Lease |
| 4304736614 | NBE 2ML-17-9-23 (W) | NWNE | 17 | 9S | 23E | UINTAH | UTU-72634 | Federal Lease |
| 4304736590 | NBE 2ML-26-9-23 (W) | NWNE | 26 | 9S | 23E | UINTAH | UTU-72634 | Federal Lease |
| 4304736356 | NBE 3ML-10-9-23 (W) | NENW | 10 | 9S | 23E | UINTAH | UTU-72634 | Federal Lease |
| 4304735465 | NBE 3ML-17-9-23 (W) | NENW | 17 | 9S | 23E | UINTAH | UTU-72634 | Federal Lease |
| 4304736591 | NBE 3ML-26-9-23 (W) | NENW | 26 | 9S | 23E | UINTAH | UTU-72634 | Federal Lease |
| 4304739348 | NBE 4DD-17-9-23 (M) | NWNW | 17 | 9S | 23E | UINTAH | UTU-72634 | Federal Lease |
| 4304736098 | NBE 4ML-10-9-23 (W) | NWNW | 10 | 9S | 23E | UINTAH | UTU-72634 | Federal Lease |
| 4304736615 | NBE 4ML-17-9-23 (W) | NWNW | 17 | 9S | 23E | UINTAH | UTU-72634 | Federal Lease |
| 4304739346 | NBE 5DD-10-9-23 (M) | SWNW | 10 | 9S | 23E | UINTAH | UTU-72634 | Federal Lease |
| 4304736353 | NBE 5ML-10-9-23 (W) | SWNW | 10 | 9S | 23E | UINTAH | UTU-72634 | Federal Lease |
| 4304736941 | NBE 5ML-17-9-23 (W) | SWNW | 17 | 9S | 23E | UINTAH | UTU-72634 | Federal Lease |
| 4304736592 | NBE 5ML-26-9-23 (W) | SWNW | 26 | 9S | 23E | UINTAH | UTU-72634 | Federal Lease |
| 4304735651 | NBE 6ML-10-9-23 (W) | SENW | 10 | 9S | 23E | UINTAH | UTU-72634 | Federal Lease |
| 4304736616 | NBE 6ML-17-9-23 (W) | SENW | 17 | 9S | 23E | UINTAH | UTU-72634 | Federal Lease |
| 4304736355 | NBE 7ML-10-9-23 (W) | SWNE | 10 | 9S | 23E | UINTAH | UTU-72634 | Federal Lease |
| 4304735464 | NBE 7ML-17-9-23 (ML) | SWNE | 17 | 9S | 23E | UINTAH | UTU-72634 | Federal Lease |
| 4304736587 | NBE 7ML-26-9-23 (W) | SWNE | 26 | 9S | 23E | UINTAH | UTU-72634 | Federal Lease |
| 4304739351 | NBE 8BD-26-9-23 (DK) | SENE | 26 | 9S | 23E | UINTAH | UTU-72634 | Federal Lease |
| 4304739341 | NBE 8CD-10-9-23 (M) | SENE | 10 | 9S | 23E | UINTAH | UTU-72634 | Federal Lease |
| 4304736099 | NBE 8ML-10-9-23 (W) | SENE | 10 | 9S | 23E | UINTAH | UTU-72634 | Federal Lease |
| 4304736588 | NBE 8ML-26-9-23 (W) | SENE | 26 | 9S | 23E | UINTAH | UTU-72634 | Federal Lease |
| 4304736593 | NBE 9ML-10-9-23 (W) | NESE | 10 | 9S | 23E | UINTAH | UTU-72634 | Federal Lease |
| 4304736619 | NBE 9ML-26-9-23 (ML) | NESE | 26 | 9S | 23E | UINTAH | UTU-72634 | Federal Lease |
| 4304739349 | NBE 10CD-17-9-23 (M) | NWSE | 17 | 9S | 23E | UINTAH | UTU-72634 | Federal Lease |
| 4304735665 | NBE 11ML-26-9-23 (W) | NESW | 26 | 9S | 23E | UINTAH | UTU-72634 | Federal Lease |
| 4304736621 | NBE 12ML-26-9-23 (W) | NWSW | 26 | 9S | 23E | UINTAH | UTU-72634 | Federal Lease |
| 4304736589 | NBE 1ML-26-9-23 (W) | NENE | 26 | 9S | 23E | UINTAH | UTU-72634 | Federal Lease |
| 4304735335 | NBE 4ML-26-9-23 (ML) | NWNW | 26 | 9S | 23E | UINTAH | UTU-72634 | Federal Lease |
| 4304735664 | NBE 6ML-26-9-23 (ML) | SENW | 26 | 9S | 23E | UINTAH | UTU-72634 | Federal Lease |
| 4304735650 | NBE 10ML-10-9-23 (W) | NWSE | 10 | 9S | 23E | UINTAH | UTU-72634 | Federal Lease |
| 4304738875 | NBE 12SWD-10-9-23 | NWSW | 10 | 9S | 23E | UINTAH | UTU-72634 | Federal Lease |
| 4304735483 | RWS 3ML-9-9-24 (W) | NENW | 9 | 9S | 24E | UINTAH | UTU73182 | Federal Lease |
| 4304738645 | RWS 5ML-9-9-24 ALLOCATION | SWNW | 9 | 9S | 24E | UINTAH | UTU73182 | Federal Lease |
| 4304738646 | RWS 12ML-9-9-24 ALLOCATION | NWSW | 9 | 9S | 24E | UINTAH | UTU73182 | Federal Lease |
| 4304737307 | RWS 8D-5-9-24 (DK) | SENE | 5 | 9S | 24E | UINTAH | UTU73456 | Federal Lease |

| API Number | Well Name | Qtr/Qtr | Section | Township | Range | County | Lease or Unit # | Name of Unit or Lease |
|------------|------------------------------|---------|---------|----------|-------|--------|-----------------|-----------------------|
| 4304737311 | RWS 16ML-5-9-24 (W) | SESE | 5 | 9S | 24E | UINTAH | UTU73456 | Federal Lease |
| 4304737411 | RWS 2D-6-9-24 (DK) | NWNE | 6 | 9S | 24E | UINTAH | UTU73456 | Federal Lease |
| 4304737308 | RWS 10ML-5-9-24 (GR) | NWSE | 5 | 9S | 24E | UINTAH | UTU-73456 | Federal Lease |
| 4304734719 | OU SG 10M-15-8-22 | NWSE | 15 | 8S | 22E | UINTAH | UTU-73686 | Federal Lease |
| 4304734764 | OU SG 10W-10-8-22 | NWSE | 10 | 8S | 22E | UINTAH | UTU-73686 | Federal Lease |
| 4304734710 | OU SG 14W-15-8-22 | SESW | 15 | 8S | 22E | UINTAH | UTU-73686 | Federal Lease |
| 4304734711 | OU SG 15W-15-8-22 | SWSE | 15 | 8S | 22E | UINTAH | UTU-73686 | Federal Lease |
| 4304734784 | OU SG 16W-10-8-22 | SESE | 10 | 8S | 22E | UINTAH | UTU-73686 | Federal Lease |
| 4304734712 | OU SG 16W-15-8-22 | SESE | 15 | 8S | 22E | UINTAH | UTU-73686 | Federal Lease |
| 4304734717 | OU SG 8W-15-8-22 | SENE | 15 | 8S | 22E | UINTAH | UTU-73686 | Federal Lease |
| 4304734783 | OU SG 9W-10-8-22 | NESE | 10 | 8S | 22E | UINTAH | UTU-73686 | Federal Lease |
| 4304734718 | OU SG 9W-15-8-22 | NESE | 15 | 8S | 22E | UINTAH | UTU-73686 | Federal Lease |
| 4304734721 | OU SG 2MU-15-8-22 (MU) | NWNE | 15 | 8S | 22E | UINTAH | UTU-73686 | Federal Lease |
| 4304734722 | OU SG 7W-15-8-22 | SWNE | 15 | 8S | 22E | UINTAH | UTU-73686 | Federal Lease |
| 4304733177 | SG 12A-14-8-22 | NWSW | 14 | 8S | 22E | UINTAH | UTU73687 | Federal Lease |
| 4304735071 | SG 4G-11-8-22 | NWNW | 11 | 8S | 22E | UINTAH | UTU73687 | Federal Lease |
| 4304735072 | OU SG 5MU-11-8-22 (AKA OU SG | SWNW | 11 | 8S | 22E | UINTAH | UTU73687 | Federal Lease |
| 4304735075 | OU SG 4W-14-8-22 | NWNW | 14 | 8S | 22E | UINTAH | UTU73687 | Federal Lease |
| 4304735099 | SG 11SG-23-8-22 | NESW | 23 | 8S | 22E | UINTAH | UTU73687 | Federal Lease |
| 4304735114 | OU SG 14W-11-8-22 | SESW | 11 | 8S | 22E | UINTAH | UTU73687 | Federal Lease |
| 4304735377 | OU SG 13W-11-8-22 | SWSW | 11 | 8S | 22E | UINTAH | UTU73687 | Federal Lease |
| 4304735078 | OU SG 12MU-14-8-22 (MU) | NWSW | 14 | 8S | 22E | UINTAH | UTU-73687 | Federal Lease |
| 4304735076 | OU SG 5MU-14-8-22 | SWNW | 14 | 8S | 22E | UINTAH | UTU-73687 | Federal Lease |
| 4304735077 | OU SG 6MU-14-8-22 (MU) | SENW | 14 | 8S | 22E | UINTAH | UTU-73687 | Federal Lease |
| 4304735382 | SG 10MU-11-8-22 (W) | NWSE | 11 | 8S | 22E | UINTAH | UTU-73687 | Federal Lease |
| 4304735257 | SG 11M-23-8-22 MV | NESW | 23 | 8S | 22E | UINTAH | UTU-73687 | Federal Lease |
| 4304735188 | SG 12MU-23-8-22 (MU) | NWSW | 23 | 8S | 22E | UINTAH | UTU-73687 | Federal Lease |
| 4304735079 | SG 13MU-14-8-22 (W) | SWSW | 14 | 8S | 22E | UINTAH | UTU-73687 | Federal Lease |
| 4304735190 | SG 13MU-23-8-22 (W) | SWSW | 23 | 8S | 22E | UINTAH | UTU-73687 | Federal Lease |
| 4304735950 | SG 14MU-14-8-22 (W) | SESW | 14 | 8S | 22E | UINTAH | UTU-73687 | Federal Lease |
| 4304735117 | SG 14MU-23-8-22 (MU) | SESW | 23 | 8S | 22E | UINTAH | UTU-73687 | Federal Lease |
| 4304735328 | SG 15MU-14-8-22 (W) | SWSE | 14 | 8S | 22E | UINTAH | UTU-73687 | Federal Lease |
| 4304735375 | SG 1MU-11-8-22 (W) | NENE | 11 | 8S | 22E | UINTAH | UTU-73687 | Federal Lease |
| 4304736940 | SG 3MU-23-8-22 (W) | SESW | 14 | 8S | 22E | UINTAH | UTU-73687 | Federal Lease |
| 4304735758 | SG 4MU-23-8-22 (W) | NWNW | 23 | 8S | 22E | UINTAH | UTU-73687 | Federal Lease |
| 4304735115 | SG 5MU-23-8-22 (W) | SWNW | 23 | 8S | 22E | UINTAH | UTU-73687 | Federal Lease |
| 4304735073 | SG 6MU-11-8-22 (W) | SENW | 11 | 8S | 22E | UINTAH | UTU-73687 | Federal Lease |

| API Number | Well Name | Qtr/Qtr | Section | Township | Range | County | Lease or Unit # | Name of Unit or Lease |
|------------|-----------------------------|---------|---------|----------|-------|----------|-----------------|-----------------------|
| 4304735116 | SG 6MU-23-8-22 (W) | SENE | 23 | 8S | 22E | UINTAH | UTU-73687 | Federal Lease |
| 4304735374 | SG 7MU-11-8-22 (W) | SWNE | 11 | 8S | 22E | UINTAH | UTU-73687 | Federal Lease |
| 4304735380 | SG 8MU-11-8-22 (W) | SENE | 11 | 8S | 22E | UINTAH | UTU-73687 | Federal Lease |
| 4304735091 | OU SG 9MU-11-8-22 (MU) | NESE | 11 | 8S | 22E | UINTAH | UTU-73687 | Federal Lease |
| 4304735829 | SG 11MU-14-8-22 (W) | NESW | 14 | 8S | 22E | UINTAH | UTU-73687 | Federal Lease |
| 4304735381 | SG 2MU-11-8-22 (MU) | NWNE | 11 | 8S | 22E | UINTAH | UTU-73687 | Federal Lease |
| 4304735379 | SG 3MU-11-8-22 (W) | NENW | 11 | 8S | 22E | UINTAH | UTU-73687 | Federal Lease |
| 4304732746 | SG 6-14-8-22 | SENE | 14 | 8S | 22E | UINTAH | UTU-73687 | Federal Lease |
| 4304736040 | WWT 7ML-24-8-24 (ML) | SWNE | 24 | 8S | 24E | UINTAH | UTU73698 | Federal Lease |
| 4304735803 | RWS 8ML-14-9-24 (W) | SENE | 14 | 9S | 24E | UINTAH | UTU73917 | Federal Lease |
| 4304734391 | GB 16W-30-8-22 | SESE | 30 | 8S | 22E | UINTAH | UTU74493 | Federal Lease |
| 4304734555 | OU GB 12W-29-8-22 | NWSW | 29 | 8S | 22E | UINTAH | UTU74493 | Federal Lease |
| 4304734575 | OU GB 8W-29-8-22 | SENE | 29 | 8S | 22E | UINTAH | UTU74493 | Federal Lease |
| 4304715084 | WHITE RIVER UNIT 20-9 | NESW | 9 | 8S | 22E | UINTAH | UTU74494 | Federal Lease |
| 4304734652 | OU GB 12W-9-8-22 | NWSW | 9 | 8S | 22E | UINTAH | UTU74494 | Federal Lease |
| 4304734654 | OU GB 13W-9-8-22 | SWSW | 9 | 8S | 22E | UINTAH | UTU-74494 | Federal Lease |
| 4304734715 | OU GB 5M-15-8-22 (MV) | SWNW | 15 | 8S | 22E | UINTAH | UTU-74494 | Federal Lease |
| 4304733364 | OU GB 15-18-8-22 | SWSE | 18 | 8S | 22E | UINTAH | UTU-74495 | Federal Lease |
| 4304734563 | OU GB 16W-18-8-22 | SESE | 18 | 8S | 22E | UINTAH | UTU-74495 | Federal Lease |
| 4304734514 | OU GB 5W-19-8-22 | SWNW | 19 | 8S | 22E | UINTAH | UTU-74495 | Federal Lease |
| 4304733516 | OU GB 9W-18-8-22 | NESE | 18 | 8S | 22E | UINTAH | UTU-74495 | Federal Lease |
| 4304734695 | OU GB 5G-19-8-22 | SWNW | 19 | 8S | 22E | UINTAH | UTU-74495 | Federal Lease |
| 4301333203 | PETES WASH U 13-06 GR | NWNW | 6 | 10S | 16E | DUCHESNE | UTU74831 | Federal Lease |
| 4304732052 | DESERT SPRING FED 20-1 | NESW | 20 | 10S | 18E | UINTAH | UTU74836 | Federal Lease |
| 4301332088 | W DESERT SPRING 11-20-10-17 | NESW | 20 | 10S | 17E | DUCHESNE | UTU75083 | Federal Lease |
| 4304734630 | OU GB 9W-20-8-22 | NESE | 20 | 8S | 22E | UINTAH | UTU-75103 | Federal Lease |
| 4304736039 | COY 12ML-24-8-24 (G) | NWSW | 24 | 8S | 24E | UINTAH | UTU-75116 | Federal Lease |
| 4304737114 | HK 12ML-30-8-25 (ML) | NWSW | 30 | 8S | 25E | UINTAH | UTU75503 | Federal Lease |
| 4304735457 | GB 3MU-3-8-22 (W) | NENW | 3 | 8S | 22E | UINTAH | UTU-75678 | Federal Lease |
| 4304715423 | FEDERAL 2-29-7-22 | NESW | 29 | 7S | 22E | UINTAH | UTU76507 | Federal Lease |
| 4304733987 | SU 3W-5-8-22 | NENW | 5 | 8S | 22E | UINTAH | UTU76508 | Federal Lease |
| 4304733994 | SU 13W-5-8-22 | SWSW | 5 | 8S | 22E | UINTAH | UTU76508 | Federal Lease |
| 4304734401 | SU 14W-5-8-22 | SESW | 5 | 8S | 22E | UINTAH | UTU76508 | Federal Lease |
| 4304734390 | WVX 15G-5-8-22 | SWSE | 5 | 8S | 22E | UINTAH | UTU76508 | Federal Lease |
| 4304733996 | SU 15W-5-8-22 | SWSE | 5 | 8S | 22E | UINTAH | UTU-76508 | Federal Lease |
| 4304734446 | SU 16W-5-8-22 | SESE | 5 | 8S | 22E | UINTAH | UTU-76508 | Federal Lease |
| 4304733985 | SU 1W-5-8-22 | NENE | 5 | 8S | 22E | UINTAH | UTU-76508 | Federal Lease |

| API Number | Well Name | Qtr/Qtr | Section | Township | Range | County | Lease or Unit # | Name of Unit or Lease |
|------------|-----------------------|---------|---------|----------|-------|----------|-----------------|-----------------------|
| 4304734455 | SU 2W-5-8-22 | NWNE | 5 | 8S | 22E | UINTAH | UTU-76508 | Federal Lease |
| 4304733988 | SU 7W-5-8-22 | SWNE | 5 | 8S | 22E | UINTAH | UTU-76508 | Federal Lease |
| 4304733990 | SU 9W-5-8-22 | NESE | 5 | 8S | 22E | UINTAH | UTU-76508 | Federal Lease |
| 4304734456 | SU 10W-5-8-22 | NWSE | 5 | 8S | 22E | UINTAH | UTU-76508 | Federal Lease |
| 4304737229 | NBZ 4D-30-8-24 (W) | NWNW | 30 | 8S | 24E | UINTAH | UTU77301 | Federal Lease |
| 4304737230 | NBZ 6ML-30-8-24 (W) | SENW | 30 | 8S | 24E | UINTAH | UTU77301 | Federal Lease |
| 4304737232 | NBZ 10ML-30-8-24 | NWSE | 30 | 8S | 24E | UINTAH | UTU77301 | Federal Lease |
| 4304737233 | NBZ 12D-30-8-24 (W) | NWSW | 30 | 8S | 24E | UINTAH | UTU77301 | Federal Lease |
| 4304737234 | NBZ 14ML-30-8-24 (W) | SESW | 30 | 8S | 24E | UINTAH | UTU77301 | Federal Lease |
| 4304737235 | NBZ 6D-31-8-24 | SENW | 31 | 8S | 24E | UINTAH | UTU77301 | Federal Lease |
| 4304737236 | NBZ 4D-31-8-24 (W) | NWNW | 31 | 8S | 24E | UINTAH | UTU77301 | Federal Lease |
| 4304737239 | NBZ 2ML-31-8-24 | NWNE | 31 | 8S | 24E | UINTAH | UTU77301 | Federal Lease |
| 4304737240 | NBZ 11D-29-8-24 (W) | NESW | 29 | 8S | 24E | UINTAH | UTU77301 | Federal Lease |
| 4304737241 | NBZ 5D-29-8-24 (W) | SWNW | 29 | 8S | 24E | UINTAH | UTU77301 | Federal Lease |
| 4304737244 | NBZ 9D-29-8-24 (W) | NESE | 29 | 8S | 24E | UINTAH | UTU77301 | Federal Lease |
| 4304737246 | NBZ 15ML-29-8-24 | SWSE | 29 | 8S | 24E | UINTAH | UTU77301 | Federal Lease |
| 4301333833 | GD 16G-35-9-15 | SESE | 35 | 9S | 15E | DUCHESNE | UTU-78021 | Federal Lease |
| 4301333827 | GD 1G-34-9-15 | NENE | 34 | 9S | 15E | DUCHESNE | UTU-78021 | Federal Lease |
| 4304737274 | CWD 3D-32-8-24 (W) | NENW | 32 | 8S | 24E | UINTAH | UTU78029 | Federal Lease |
| 4304737276 | CWD 12ML-32-8-24 (ML) | NWSW | 32 | 8S | 24E | UINTAH | UTU78029 | Federal Lease |
| 4301350414 | WR 4G-35-10-17 | NWNW | 35 | 10S | 17E | DUCHESNE | UTU-78216 | Federal Lease |
| 4301333202 | PETES WASH U 14-24 GR | NWNW | 24 | 10S | 16E | DUCHESNE | UTU79824 | Federal Lease |
| 4304734952 | GB 11M-27-8-21 (ML) | NESW | 27 | 8S | 21E | UINTAH | UTU-804 | Federal Lease |
| 4304734957 | GB 1D-27-8-21 (M) | NENE | 27 | 8S | 21E | UINTAH | UTU-804 | Federal Lease |
| 4304734900 | GB 3M-27-8-21 (ML) | NENW | 27 | 8S | 21E | UINTAH | UTU-804 | Federal Lease |
| 4304734956 | GB 9D-27-8-21 | NESE | 27 | 8S | 21E | UINTAH | UTU-804 | Federal Lease |
| 4304739662 | GB 15D-27-8-21 (FR) | SWSE | 27 | 8S | 21E | UINTAH | UTU-804 | Federal Lease |
| 4304734207 | WV 2W-3-8-21 | NWNE | 3 | 8S | 21E | UINTAH | UTU-80636 | Federal Lease |
| 4304735412 | SU 11MU-9-8-21 (W) | NESW | 9 | 8S | 21E | UINTAH | UTU-80637 | Federal Lease |
| 4304733905 | WV 2W-9-8-21 | NWNE | 9 | 8S | 21E | UINTAH | UTU-80637 | Federal Lease |
| 4304751226 | DS 16G-20-10-18 | SESE | 20 | 10S | 18E | UINTAH | UTU-84264 | Federal Lease |
| 4304751178 | DS 13G-19-10-18 | SWSW | 19 | 10S | 18E | UINTAH | UTU-88320 | Federal Lease |
| 4304733960 | GB 9W-25-8-21 | NESE | 25 | 8S | 21E | UINTAH | UTU-8909 | Federal Lease |
| 4304754035 | RW 11-33B SWD | NWNW | 33 | 7S | 23E | UINTAH | UTU-90144 | Federal Lease |
| 4304731257 | GLEN BENCH 44-19 | SESE | 19 | 8S | 22E | UINTAH | UTU9617 | Federal Lease |
| 4304731260 | GLEN BENCH 22-30 | SENW | 30 | 8S | 22E | UINTAH | UTU9617 | Federal Lease |
| 4304731355 | GB 13-20-8-22 | NWSW | 20 | 8S | 22E | UINTAH | UTU9617 | Federal Lease |

| API Number | Well Name | Qtr/Qtr | Section | Township | Range | County | Lease or Unit # | Name of Unit or Lease |
|------------|-------------------------|---------|---------|----------|-------|--------|-----------------|-----------------------|
| 4304732755 | GLEN BENCH UN 4-30-8-22 | NWNW | 30 | 8S | 22E | UINTAH | UTU9617 | Federal Lease |
| 4304737664 | GB 16ML-20-8-22 (W) | SESE | 20 | 8S | 22E | UINTAH | UTU-9617 | Federal Lease |
| 4304734577 | OU GB 10W-29-8-22 | NWSE | 29 | 8S | 22E | UINTAH | UTU-9617 | Federal Lease |
| 4304734350 | OU GB 11W-29-8-22 | NESW | 29 | 8S | 22E | UINTAH | UTU-9617 | Federal Lease |
| 4304733948 | OU GB 12W-19-8-22 | NWSW | 19 | 8S | 22E | UINTAH | UTU-9617 | Federal Lease |
| 4304734668 | OU GB 12WX-29-8-22 | NWSW | 29 | 8S | 22E | UINTAH | UTU-9617 | Federal Lease |
| 4304734536 | OU GB 13W-19-8-22 | SWSW | 19 | 8S | 22E | UINTAH | UTU-9617 | Federal Lease |
| 4304734547 | OU GB 13W-29-8-22 | SWSW | 29 | 8S | 22E | UINTAH | UTU-9617 | Federal Lease |
| 4304734743 | OU GB 14SG-29-8-22 | SESW | 29 | 8S | 22E | UINTAH | UTU-9617 | Federal Lease |
| 4304734632 | OU GB 15W-20-8-22 | SWSE | 20 | 8S | 22E | UINTAH | UTU-9617 | Federal Lease |
| 4304734578 | OU GB 15W-29-8-22 | SWSE | 29 | 8S | 22E | UINTAH | UTU-9617 | Federal Lease |
| 4304734744 | OU GB 16SG-29-8-22 | SESE | 29 | 8S | 22E | UINTAH | UTU-9617 | Federal Lease |
| 4304734603 | OU GB 16W-29-8-22 | SESE | 29 | 8S | 22E | UINTAH | UTU-9617 | Federal Lease |
| 4304734506 | OU GB 16WX-30-8-22 | SESE | 30 | 8S | 22E | UINTAH | UTU-9617 | Federal Lease |
| 4304734573 | OU GB 1W-29-8-22 | NENE | 29 | 8S | 22E | UINTAH | UTU-9617 | Federal Lease |
| 4304734600 | OU GB 2W-29-8-22 | NWNE | 29 | 8S | 22E | UINTAH | UTU-9617 | Federal Lease |
| 4304734546 | OU GB 3W-29-8-22 | NENW | 29 | 8S | 22E | UINTAH | UTU-9617 | Federal Lease |
| 4304734549 | OU GB 5W-29-8-22 | SWNW | 29 | 8S | 22E | UINTAH | UTU-9617 | Federal Lease |
| 4304734545 | OU GB 6W-29-8-22 | SENW | 29 | 8S | 22E | UINTAH | UTU-9617 | Federal Lease |
| 4304734574 | OU GB 7W-29-8-22 | SWNE | 29 | 8S | 22E | UINTAH | UTU-9617 | Federal Lease |
| 4304734576 | OU GB 9W-29-8-22 | NESE | 29 | 8S | 22E | UINTAH | UTU-9617 | Federal Lease |
| 4304734533 | OU GB 9W-30-8-22 | NESE | 30 | 8S | 22E | UINTAH | UTU-9617 | Federal Lease |
| 4304734554 | OU GB 14W-29-8-22 | SESW | 29 | 8S | 22E | UINTAH | UTU-9617 | Federal Lease |
| 4304734688 | OU GB 16SG-30-8-22 | SESE | 30 | 8S | 22E | UINTAH | UTU-9617 | Federal Lease |
| 4304734535 | OU GB 10W-19-8-22 | NWSE | 19 | 8S | 22E | UINTAH | UTU-9617 | Federal Lease |
| 4304734522 | OU GB 16W-19-8-22 | SESE | 19 | 8S | 22E | UINTAH | UTU-9617 | Federal Lease |
| 4304734631 | OU GB 10W-20-8-22 | NWSE | 20 | 8S | 22E | UINTAH | UTU-9617 | Federal Lease |
| 4304733947 | OU GB 10W-30-8-22 | NWSE | 30 | 8S | 22E | UINTAH | UTU-9617 | Federal Lease |
| 4304734517 | OU GB 11W-19-8-22 | NESW | 19 | 8S | 22E | UINTAH | UTU-9617 | Federal Lease |
| 4304734039 | OU GB 11W-20-8-22 | NESW | 20 | 8S | 22E | UINTAH | UTU-9617 | Federal Lease |
| 4304733670 | OU GB 12W-30-8-22 | NWSW | 30 | 8S | 22E | UINTAH | UTU-9617 | Federal Lease |
| 4304734348 | OU GB 13W-20-8-22 | SWSW | 20 | 8S | 22E | UINTAH | UTU-9617 | Federal Lease |
| 4304734537 | OU GB 14W-19-8-22 | SESW | 19 | 8S | 22E | UINTAH | UTU-9617 | Federal Lease |
| 4304734349 | OU GB 14W-20-8-22 | SESW | 20 | 8S | 22E | UINTAH | UTU-9617 | Federal Lease |
| 4304734548 | OU GB 4W-29-8-22 | NWNW | 29 | 8S | 22E | UINTAH | UTU-9617 | Federal Lease |
| 4304733945 | OU GB 4W-30-8-22 | NWNW | 30 | 8S | 22E | UINTAH | UTU-9617 | Federal Lease |
| 4304734025 | OU GB 5W-30-8-22 | SWNW | 30 | 8S | 22E | UINTAH | UTU-9617 | Federal Lease |

| API Number | Well Name | Qtr/Qtr | Section | Township | Range | County | Lease or Unit # | Name of Unit or Lease |
|------------|------------------------|---------|---------|----------|-------|--------|-------------------|--------------------------------------|
| 4304734530 | OU GB 6W-30-8-22 | SENE | 30 | 8S | 22E | UINTAH | UTU-9617 | Federal Lease |
| 4304734531 | OU GB 7W-30-8-22 | SWNE | 30 | 8S | 22E | UINTAH | UTU-9617 | Federal Lease |
| 4304734532 | OU GB 8W-30-8-22 | SENE | 30 | 8S | 22E | UINTAH | UTU-9617 | Federal Lease |
| 4304733946 | OU GB 9W-19-8-22 | NESE | 19 | 8S | 22E | UINTAH | UTU-9617 | Federal Lease |
| 4304734538 | OU GB 15W-19-8-22 | SWSE | 19 | 8S | 22E | UINTAH | UTU-9617 | Federal Lease |
| 4304734528 | OU GB 1W-30-8-22 | NENE | 30 | 8S | 22E | UINTAH | UTU-9617 | Federal Lease |
| 4304735080 | GB 2ML-30-8-22 (W) | NWNE | 30 | 8S | 22E | UINTAH | UTU-9617 | Federal Lease |
| 4304734713 | OU GB 4W-15-8-22 (GR) | NWNW | 15 | 8S | 22E | UINTAH | Unit # UTU 73974X | Glen Bench Secondary Recovery Unit |
| 4304734678 | OU GB 15W-9-8-22 (GR) | SWSE | 9 | 8S | 22E | UINTAH | Unit # UTU 73974X | Glen Bench Secondary Recovery Unit |
| 4304734529 | OU GB 3W-30-8-22 (GR) | NENW | 30 | 8S | 22E | UINTAH | Unit # UTU 73974X | Glen Bench Secondary Recovery Unit |
| 4304734543 | OU GB 6W-17-8-22 (GR) | SENE | 17 | 8S | 22E | UINTAH | Unit # UTU 73974X | Glen Bench Secondary Recovery Unit |
| 4304731555 | GB 2-17 | SESE | 17 | 8S | 22E | UINTAH | Unit # UTU 73974X | Glen Bench Secondary Recovery Unit |
| 4304731433 | GB 31-20 | NWNE | 20 | 8S | 22E | UINTAH | Unit # UTU 73974X | Glen Bench Secondary Recovery Unit |
| 4304732476 | GB 8-19-8-22 | SENE | 19 | 8S | 22E | UINTAH | Unit # UTU 73974X | Glen Bench Secondary Recovery Unit |
| 4304734696 | OU GB 1G-19-8-22 | NENE | 19 | 8S | 22E | UINTAH | Unit # UTU 73974X | Glen Bench Secondary Recovery Unit |
| 4304731008 | GB 31-30-8-22 | NWNE | 30 | 8S | 22E | UINTAH | Unit # UTU 73974X | Glen Bench Secondary Recovery Unit |
| 4304732756 | GB 15-19-8-22(WIW) | SWSE | 19 | 8S | 22E | UINTAH | Unit # UTU 73974X | Glen Bench Secondary Recovery Unit |
| 4304731356 | GB 22-20(WIW) | SENE | 20 | 8S | 22E | UINTAH | Unit # UTU 73974X | Glen Bench Secondary Recovery Unit |
| 4304733249 | OU GB 12W-20-8-22 (GB) | NWSW | 20 | 8S | 22E | UINTAH | Unit # UTU 73974X | Glen Bench Secondary Recovery Unit |
| 4304731065 | GH 1-19 | SESE | 19 | 8S | 21E | UINTAH | Unit # UTU 67951A | Gypsum Hills Secondary Recovery Unit |
| 4304732651 | GH 19 | SWNW | 20 | 8S | 21E | UINTAH | Unit # UTU 67951A | Gypsum Hills Secondary Recovery Unit |
| 4304733566 | GH 10G-19-8-21 | NWSE | 19 | 8S | 21E | UINTAH | Unit # UTU 67951A | Gypsum Hills Secondary Recovery Unit |
| 4304732459 | GH 11 | NWSE | 20 | 8S | 21E | UINTAH | Unit # UTU 67951A | Gypsum Hills Secondary Recovery Unit |
| 4304732460 | GH 13 | NESW | 21 | 8S | 21E | UINTAH | Unit # UTU 67951A | Gypsum Hills Secondary Recovery Unit |
| 4304732647 | GH 14 | NWSW | 20 | 8S | 21E | UINTAH | Unit # UTU 67951A | Gypsum Hills Secondary Recovery Unit |
| 4304732675 | GH 16 | SESE | 20 | 8S | 21E | UINTAH | Unit # UTU 67951A | Gypsum Hills Secondary Recovery Unit |
| 4304737993 | GH 16G-17-8-21 | SESE | 17 | 8S | 21E | UINTAH | Unit # UTU 67951A | Gypsum Hills Secondary Recovery Unit |
| 4304732650 | GH 18 | SESE | 20 | 8S | 21E | UINTAH | Unit # UTU 67951A | Gypsum Hills Secondary Recovery Unit |
| 4304734927 | GH 1G-17-8-21 | NENE | 17 | 8S | 21E | UINTAH | Unit # UTU 67951A | Gypsum Hills Secondary Recovery Unit |
| 4304732652 | GH 20 | SENE | 20 | 8S | 21E | UINTAH | Unit # UTU 67951A | Gypsum Hills Secondary Recovery Unit |
| 4304731541 | GH 23-21 | NWSW | 21 | 8S | 21E | UINTAH | Unit # UTU 67951A | Gypsum Hills Secondary Recovery Unit |
| 4304730028 | GH 4 | SWSE | 19 | 8S | 21E | UINTAH | Unit # UTU 67951A | Gypsum Hills Secondary Recovery Unit |
| 4304731826 | GH 4-21 | SENE | 21 | 8S | 21E | UINTAH | Unit # UTU 67951A | Gypsum Hills Secondary Recovery Unit |
| 4304731827 | GH 5-21 | SENE | 21 | 8S | 21E | UINTAH | Unit # UTU 67951A | Gypsum Hills Secondary Recovery Unit |
| 4304732304 | GH 9 | SENE | 20 | 8S | 21E | UINTAH | Unit # UTU 67951A | Gypsum Hills Secondary Recovery Unit |
| 4304734723 | GHX 13HG-17-8-21 | SWSW | 17 | 8S | 21E | UINTAH | Unit # UTU 67951A | Gypsum Hills Secondary Recovery Unit |
| 4304732458 | GH 12 | NESE | 19 | 8S | 21E | UINTAH | Unit # UTU 67951A | Gypsum Hills Secondary Recovery Unit |

| API Number | Well Name | Qtr/Qtr | Section | Township | Range | County | Lease or Unit # | Name of Unit or Lease |
|------------|---------------------------|---------|---------|----------|-------|----------|--------------------|--------------------------------------|
| 4304732649 | GH 17 (WIW) | SWSE | 20 | 8S | 21E | UINTAH | Unit # UTU 67951A | Gypsum Hills Secondary Recovery Unit |
| 4304731066 | GH 2-20 | NESE | 20 | 8S | 21E | UINTAH | Unit # UTU 67951A | Gypsum Hills Secondary Recovery Unit |
| 4304731932 | GH 8 | SWNE | 20 | 8S | 21E | UINTAH | Unit # UTU 67951A | Gypsum Hills Secondary Recovery Unit |
| 4304737992 | GH 8G-17-8-21 | SENE | 17 | 8S | 21E | UINTAH | Unit # UTU 67951A | Gypsum Hills Secondary Recovery Unit |
| 4304732306 | GH 10 | NWSE | 21 | 8S | 21E | UINTAH | Unit # UTU 67951A | Gypsum Hills Secondary Recovery Unit |
| 4304731006 | GH 1-20 | NESW | 20 | 8S | 21E | UINTAH | Unit # UTU 67951A | Gypsum Hills Secondary Recovery Unit |
| 4304732648 | GH 15 (WIW) | SWSW | 20 | 8S | 21E | UINTAH | Unit # UTU 67951A | Gypsum Hills Secondary Recovery Unit |
| 4304720002 | GH 3 | NENE | 20 | 8S | 21E | UINTAH | Unit # UTU 67951A | Gypsum Hills Secondary Recovery Unit |
| 4304731604 | GH 3-21 | SWNW | 21 | 8S | 21E | UINTAH | Unit # UTU 67951A | Gypsum Hills Secondary Recovery Unit |
| 4304733954 | WV 5W-17-8-21 GREEN RIVER | SWNW | 17 | 8S | 21E | UINTAH | Unit # UTU 67951A | Gypsum Hills Secondary Recovery Unit |
| 4304734150 | GH 9W-17-8-21 (GR) | NESE | 17 | 8S | 21E | UINTAH | Unit # UTU 67951A | Gypsum Hills Secondary Recovery Unit |
| 4304735372 | WVX 8MU-19-8-21 (GR) | SENE | 19 | 8S | 21E | UINTAH | Unit # UTU 67951A | Gypsum Hills Secondary Recovery Unit |
| 4304734388 | WVX 11G-5-8-22 | NESW | 5 | 8S | 22E | UINTAH | Unit # UTU 88206X | Horse Secondary Recovery |
| 4304734389 | WVX 13G-5-8-22 | SWSW | 5 | 8S | 22E | UINTAH | Unit # UTU 88206X | Horse Secondary Recovery |
| 4304751179 | BW 15-18-7-22 (MV) | SWSE | 18 | 7S | 22E | UINTAH | Unit # UTU 88205A | Kilimanjaro Deep Unit PA "A" |
| 4304736136 | SU BW 14M-7-7-22 (W) | SESW | 7 | 7S | 22E | UINTAH | Unit # UTU 92222X | KJ2 Unit |
| 4304734384 | SU PURDY 14M-30-7-22 (MU) | SESW | 30 | 7S | 22E | UINTAH | Unit # UTU 92222X | KJ2 Unit |
| 4304734837 | SU BW 6M-7-7-22 (MU) | SESW | 7 | 7S | 22E | UINTAH | Unit # UTU 92222X | KJ2 Unit |
| 4304755649 | KJ 33B-17A | NWSE | 17 | 7S | 22E | UINTAH | Unit # UTU 92222X | KJ2 Unit |
| 4304737078 | MULLIGAN 822-24G | SWNE | 24 | 8S | 22E | UINTAH | Unit # UTU-080643X | Mulligan Unit |
| 4304737077 | MULLIGAN 822-24H | SENE | 24 | 8S | 22E | UINTAH | Unit # UTU-080643X | Mulligan Unit |
| 4301351631 | WR 6G-32-10-17 | SESW | 32 | 10S | 17E | DUCHESNE | Unit # UTU 87716A | Nautilus PA "A" Green River |
| 4304753023 | DS 14G-6-10-18 (GR) | SESW | 6 | 10S | 18E | UINTAH | Unit # UTU 87719A | Nemo Unit PA |
| 4304752436 | DS 14G-7-10-18 (GR) | SESW | 7 | 10S | 18E | UINTAH | Unit # UTU 87719A | Nemo Unit PA |
| 4304752406 | DS 15G-5-10-18 (GR) | SWSE | 5 | 10S | 18E | UINTAH | Unit # UTU 87719A | Nemo Unit PA |
| 4304753286 | DS 2G-6-10-18 (GR) | NWNE | 6 | 10S | 18E | UINTAH | Unit # UTU 87719A | Nemo Unit PA |
| 4304735932 | RB DS FED 1G-7-10-18 | NENE | 7 | 10S | 18E | UINTAH | Unit # UTU 87719A | Nemo Unit PA |
| 4304735933 | RB DS FED 14G-8-10-18 | SESW | 8 | 10S | 18E | UINTAH | Unit # UTU 87719A | Nemo Unit PA |
| 4304755403 | RW 1C1-21A | NWNE | 21 | 7S | 22E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304752313 | RW 02B4-26B (MV) | NESW | 23 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304736982 | RW 04-25B (MV) | NWSW | 25 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304752327 | RW 05C4-23B (MV) | NESW | 23 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304752320 | RW 10C1-23B (MV) | NESW | 23 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304752317 | RW 10C4-23B (MV) | NESW | 23 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715296 | RW 12-14B (MV) | SWNW | 14 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715272 | RW 12-20B (MV) | SWNW | 20 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715201 | RW 12-27B (MV) | SWNW | 27 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |

| API Number | Well Name | Qtr/Qtr | Section | Township | Range | County | Lease or Unit # | Name of Unit or Lease |
|------------|------------------|---------|---------|----------|-------|--------|-------------------|--------------------------|
| 4304751938 | RW 12A2-28B (MV) | NWSW | 28 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304752328 | RW 12B1-23B (MV) | NESW | 23 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304752332 | RW 12B4-23B (MV) | NESW | 23 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304752234 | RW 12B4-27B (MV) | NWSW | 27 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304752330 | RW 12C1-23B (MV) | NESW | 23 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304751903 | RW 12C3-25B (MV) | NWSW | 25 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304752329 | RW 12C4-23B (MV) | NESW | 23 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304751904 | RW 12D1-25B (MV) | NESW | 25 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304751905 | RW 12D4-25B (MV) | NESW | 25 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304752333 | RW 13B1-23B (MV) | NESW | 23 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304752243 | RW 13B4-18C (MV) | SWSW | 18 | 7S | 24E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304751939 | RW 13D2-24A (MV) | SWSW | 24 | 7S | 22E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715178 | RW 14-18B (MV) | SWSW | 18 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715176 | RW 14-23A (MV) | SWSW | 23 | 7S | 22E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715165 | RW 14-23B (MV) | SWSW | 23 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715166 | RW 14-24A (MV) | SWSW | 24 | 7S | 22E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715265 | RW 14-29B (MV) | SWSW | 29 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304751940 | RW 14D3-24A (MV) | SESW | 24 | 7S | 22E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304754669 | RW 15B4-21B | SENE | 28 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304752319 | RW 15B4-23B (MV) | NESW | 23 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304752316 | RW 15C1-23B (MV) | NESW | 23 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304754668 | RW 15C4-21B | SENE | 28 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304752314 | RW 15C4-23B (MV) | NESW | 23 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304755404 | RW 16B1-16A | NWNE | 21 | 7S | 22E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304755405 | RW 16C1-16A | NENE | 21 | 7S | 22E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304755414 | RW 1B1-21A | NWNE | 21 | 7S | 22E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304754665 | RW 1C4-28B | SENE | 28 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715186 | RW 21-22B (MV) | NENW | 22 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715167 | RW 21-24B (MV) | NENW | 24 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715191 | RW 21-27B (MV) | NENW | 27 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715260 | RW 22-22B (MV) | SENW | 22 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715157 | RW 23-13B (MV) | NESW | 13 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715290 | RW 23-26B (MV) | NESW | 26 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715237 | RW 23-28B (MV) | NESW | 28 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304751722 | RW 23A-28B (MV) | SESW | 28 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304753307 | RW 24-14AGR | SESW | 14 | 7S | 22E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304730518 | RW 24-26B (MV) | SESW | 26 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |

| API Number | Well Name | Qtr/Qtr | Section | Township | Range | County | Lease or Unit # | Name of Unit or Lease |
|------------|------------------|---------|---------|----------|-------|--------|-------------------|--------------------------|
| 4304752324 | RW 2B1-26B (MV) | NESW | 23 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304754667 | RW 2C4-28B | SENE | 28 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304751724 | RW 31-20B (MV) | NWNE | 20 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715283 | RW 31-28B (MV) | NWNE | 28 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715139 | RW 32-22B (MV) | SWNE | 22 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304751788 | RW 32-25A (MV) | SWNE | 25 | 7S | 22E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715275 | RW 32-26B (MV) | SWNE | 26 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304751723 | RW 32-29B (MV) | SWNE | 29 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304730521 | RW 33-26B (MV) | NWSE | 26 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715152 | RW 34-14B (MV) | SWSE | 14 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304753299 | RW 34-20BGR | SWSE | 20 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715158 | RW 34-22B (MV) | SWSE | 22 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304751720 | RW 34-24B (MV) | SWSE | 24 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715148 | RW 34-26B (MV) | SWSE | 26 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304739445 | RW 34-27 ADR (M) | SWSE | 27 | 7S | 22E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304736351 | RW 34-34AD (W) | SWSE | 34 | 7S | 22E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304716498 | RW 41-14B (MV) | NENE | 14 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304716495 | RW 41-15B (MV) | NENE | 15 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304736818 | RW 41-26AG (MV) | NENE | 26 | 7S | 22E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304753682 | RW 42-25AGR | SENE | 25 | 7S | 22E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304731051 | RW 42-27B (MV) | SENE | 27 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304731682 | RW 43-15B (MV) | NESE | 15 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304751721 | RW 43-20B (MV) | NESE | 20 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304716475 | RW 43-28B (MV) | NESE | 28 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715236 | RW 43-29A (MV) | NESE | 29 | 7S | 22E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304736349 | RW 44-08FG (MV) | SESE | 8 | 8S | 24E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715206 | RW 44-14B (MV) | SESE | 14 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304751719 | RW 44-25B (MV) | SESE | 25 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304731053 | RW 44-27B (MV) | SESE | 27 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304752311 | RW 5B4-23B | NESW | 23 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304752312 | RW 5C1-23B (MV) | NESW | 23 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304752242 | RW 5D2-26B (MV) | SWNW | 26 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304754666 | RW 7B4-28B (MV) | SENE | 28 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304754664 | RW 7C4-28B | SENE | 28 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304755402 | RW 8B1-21A | NWNE | 21 | 7S | 22E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304754662 | RW 8B4-28B | SENE | 28 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304755401 | RW 8C1-21A | NWNE | 21 | 7S | 22E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |

| API Number | Well Name | Qtr/Qtr | Section | Township | Range | County | Lease or Unit # | Name of Unit or Lease |
|------------|------------------|---------|---------|----------|-------|--------|-------------------|--------------------------|
| 4304752240 | RW 8C1-30B (MV) | SENE | 30 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304754663 | RW 8C4-28B | SENE | 28 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304755406 | RW 9B1-21A | NWNE | 21 | 7S | 22E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304755303 | RW 9C1-16A | NWNE | 21 | 7S | 22E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304752237 | RW 9C1-24B (MV) | NESE | 24 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304752238 | RW 9C1-26B (MV) | NESE | 26 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304735671 | RWU 14-34AMU (W) | SWSW | 34 | 7S | 22E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715145 | RW 32-17C (MV) | SWNE | 17 | 7S | 24E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304752315 | RW 15B1-23B (MV) | NESW | 23 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715196 | RW 12-13B (MV) | SWNW | 13 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715153 | RW 23-22B (MV) | NESW | 22 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715230 | RW 32-28A (MV) | SWNE | 28 | 7S | 22E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715268 | RW 32-30B (MV) | SWNE | 30 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304731476 | RW 33-23B (MV) | NWSE | 23 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715205 | RW 41-27A (MV) | NENE | 27 | 7S | 22E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304731478 | RW 42-21B (MV) | SENE | 21 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304731576 | RW 42-23B (MV) | SENE | 23 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304715155 | RW 43-22B (MV) | NESE | 22 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304730520 | RW 44-26B (MV) | SESE | 26 | 7S | 23E | UINTAH | Unit # UTU 63010D | Red Wash Unit PA "D" Gas |
| 4304735098 | RWU 34-22C (GR) | SWSE | 22 | 7S | 24E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715169 | RW 21-29C (GR) | NENW | 29 | 7S | 24E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304730348 | RW 23-19C (GR) | NESW | 19 | 7S | 24E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304732629 | RW 23-23C (GR) | NESW | 23 | 7S | 24E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715302 | RW 32-28C (GR) | SWNE | 28 | 7S | 24E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715171 | RW 32-33C (GR) | SWNE | 33 | 7S | 24E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304720014 | RW 41-8F (GR) | NENE | 8 | 8S | 24E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304735045 | RWU 34-27C (GR) | SWSE | 27 | 7S | 24E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304731477 | RW 11-24B (GR) | NWNW | 24 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304753302 | RW 11-26A (GR) | NWNW | 26 | 7S | 22E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304753311 | RW 11-27AGR | NWNW | 27 | 7S | 22E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715170 | RW 12-17B (GR) | SWNW | 17 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715183 | RW 12-18C (GR) | SWNW | 18 | 7S | 24E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715213 | RW 12-22A (GR) | SWNW | 22 | 7S | 22E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715218 | RW 12-22B (GR) | SWNW | 22 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715274 | RW 12-28B (GR) | SWNW | 28 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304731517 | RW 13-24B (GR) | NWSW | 24 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715246 | RW 14-15B (GR) | SWSW | 15 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |

| API Number | Well Name | Qtr/Qtr | Section | Township | Range | County | Lease or Unit # | Name of Unit or Lease |
|------------|----------------|---------|---------|----------|-------|--------|-------------------|--------------------------|
| 4304732738 | RW 14-17B (GR) | SWSW | 17 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304730341 | RW 14-25B (GR) | SWSW | 25 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715202 | RW 14-27B (GR) | SWSW | 27 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715199 | RW 21-13B (GR) | NENW | 13 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715193 | RW 21-18C (GR) | NENW | 18 | 7S | 24E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715233 | RW 21-19B (GR) | NENW | 19 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304730340 | RW 21-19C (GR) | NENW | 19 | 7S | 24E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304733592 | RW 21-24A (GR) | NENW | 24 | 7S | 22E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304733576 | RW 21-25A (GR) | NENW | 25 | 7S | 22E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715227 | RW 21-28B (GR) | NENW | 28 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304730258 | RW 21-34B (GR) | NENW | 34 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304730345 | RW 22-14B (GR) | SENW | 14 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304730387 | RW 22-18C (GR) | SENW | 18 | 7S | 24E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304733559 | RW 22-19B (GR) | SENW | 19 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304733491 | RW 22-20B (GR) | SENW | 20 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304733786 | RW 22-25A (GR) | SENW | 25 | 7S | 22E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715192 | RW 23-22A (GR) | NESW | 22 | 7S | 22E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715228 | RW 23-23A (GR) | NESW | 23 | 7S | 22E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304733567 | RW 23-24A (GR) | NESW | 24 | 7S | 22E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715239 | RW 24-14B (GR) | SESW | 14 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304731579 | RW 24-15B (GR) | SESW | 15 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304733554 | RW 24-18B (GR) | SESW | 18 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304731582 | RW 24-18C (GR) | SESW | 18 | 7S | 24E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304733492 | RW 24-19B (GR) | SESW | 19 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304733523 | RW 24-20B (GR) | SESW | 20 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715255 | RW 24-22B (GR) | SESW | 22 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304753305 | RW 31-31B (GR) | NWNE | 31 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715150 | RW 32-14B (GR) | SWNE | 14 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715270 | RW 32-15B (GR) | SWNE | 15 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304732981 | RW 32-17B (GR) | SWNE | 17 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304733018 | RW 32-18B (GR) | SWNE | 18 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715198 | RW 32-18C (GR) | SWNE | 18 | 7S | 24E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715226 | RW 32-21B (GR) | SWNE | 21 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715156 | RW 32-23B (GR) | SWNE | 23 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715229 | RW 32-24A (GR) | SWNE | 24 | 7S | 22E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304730313 | RW 32-24B (GR) | SWNE | 24 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715200 | RW 32-28B (GR) | SWNE | 28 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |

| API Number | Well Name | Qtr/Qtr | Section | Township | Range | County | Lease or Unit # | Name of Unit or Lease |
|------------|------------------|---------|---------|----------|-------|--------|-------------------|--------------------------|
| 4304715257 | RW 33-14B (GR) | NWSE | 14 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715222 | RW 34-15B (GR) | SWSE | 15 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304731819 | RW 34-17B (GR) | SWSE | 17 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304730314 | RW 34-18C (GR) | SWSE | 18 | 7S | 24E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715220 | RW 34-21B (GR) | SWSE | 21 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715136 | RW 34-23B (GR) | SWSE | 23 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715288 | RW 34-30B (GR) | SWSE | 30 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715138 | RW 41-23B (GR) | NENE | 23 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304733769 | RW 41-24AX (GR) | NENE | 24 | 7S | 22E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304733579 | RW 41-25AX (GR) | NENE | 25 | 7S | 22E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715243 | RW 41-29A (GR) | NENE | 29 | 7S | 22E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715254 | RW 41-30B (GR) | NENE | 30 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715203 | RW 41-31B (GR) | NENE | 31 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304730346 | RW 42-13B (GR) | SENE | 13 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715264 | RW 42-14B (GR) | SENE | 14 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304733490 | RW 42-20B (GR) | SENE | 20 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715211 | RW 43-21B (GR) | NESE | 21 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715140 | RW 43-23B (GR) | NESE | 23 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304733594 | RW 44-18B (GR) | SESE | 18 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304731054 | RW 44-23B (GR) | SESE | 23 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304753648 | RW 44-25A (GR) | SESE | 25 | 7S | 22E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304735670 | RWU 32-27AG (GR) | SWNE | 27 | 7S | 22E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304735668 | RWU 34-23AG (GR) | SWSE | 23 | 7S | 22E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304730388 | RW 22-17C (GR) | SENE | 17 | 7S | 24E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304730149 | RW 44-21C (GR) | SESE | 21 | 7S | 24E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304731079 | RW 11-35B (GR) | NWNW | 35 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715238 | RW 13-13B (GR) | NWSW | 13 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304753310 | RW 13-17B (GR) | NWSW | 17 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304753300 | RW 22-17BGR | SENE | 17 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304753445 | RW 22-18B (GR) | SENE | 18 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304731082 | RW 22-35B (GR) | SENE | 35 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715305 | RW 23-25A (GR) | NESW | 25 | 7S | 22E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715163 | RW 32-13B (GR) | SWNE | 13 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715189 | RW 34-18B (GR) | SWSE | 18 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715294 | RW 41-33A (GR) | NENE | 33 | 7S | 22E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715250 | RW 41-34B (GR) | NENE | 34 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304733524 | RW 44-19B (GR) | SESE | 19 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |

| API Number | Well Name | Qtr/Qtr | Section | Township | Range | County | Lease or Unit # | Name of Unit or Lease |
|------------|----------------|---------|---------|----------|-------|--------|-------------------|--------------------------|
| 4304733525 | RW 44-20B (GR) | SESE | 20 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304733772 | RW 44-30B (GR) | SESE | 30 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304733553 | RW 11-20B | NWNW | 20 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304733590 | RW 11-29B | NWNW | 29 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304731052 | RW 11-36B | NWNW | 36 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304733591 | RW 12-24A | SWNW | 24 | 7S | 22E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715144 | RW 14-13B | SWSW | 13 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304716497 | RW 14-21B | SWSW | 21 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304716472 | RW 14-24B | SWSW | 24 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304732739 | RW 23-17B | NESW | 17 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715289 | RW 33-13B | NWSE | 13 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304733593 | RW 34-13A | SWSE | 13 | 7S | 22E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304716473 | RW 41-27B (GR) | NENE | 27 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304732980 | RW 43-17B | NESE | 17 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304732982 | RW 43-18B | NESE | 18 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304730103 | RW 21-27A | NENW | 27 | 7S | 22E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304753442 | RW 31-24A (GR) | NWNE | 24 | 7S | 22E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304730342 | RW 32-35B (GR) | SWNE | 35 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304753303 | RW 33-23A (GR) | NWSE | 23 | 7S | 22E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304753439 | RW 34-14AGR | SWSE | 14 | 7S | 22E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304730458 | RW 34-22A | SWSE | 22 | 7S | 22E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304720060 | RW 41-33B | NENE | 33 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304753680 | RW 43-27AGR | NESE | 27 | 7S | 22E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304733785 | RW 11-30B | NWNW | 30 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304733497 | RW 13-19B | NWSW | 19 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304733498 | RW 13-20B | NWSW | 20 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715261 | RW 13-22B | NWSW | 22 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715281 | RW 21-20B | NENW | 20 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715161 | RW 23-14B | NESW | 14 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715267 | RW 23-15B | NESW | 15 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715210 | RW 23-18B | NESW | 18 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304733555 | RW 31-19B | NWNE | 19 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304716479 | RW 33-22B | NWSE | 22 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304733790 | RW 33-30B | NWSE | 30 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715146 | RW 41-20B | NENE | 20 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715221 | RW 41-24A | SENE | 24 | 7S | 22E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304715219 | RW 43-21A | NESE | 21 | 7S | 22E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |

| API Number | Well Name | Qtr/Qtr | Section | Township | Range | County | Lease or Unit # | Name of Unit or Lease |
|------------|---------------------------|---------|---------|----------|-------|----------|-------------------|--|
| 4304730519 | RW 31-35B | NWNE | 35 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4304733499 | RW 33-19B | NWSE | 19 | 7S | 23E | UINTAH | Unit # UTU 630100 | Red Wash Unit PA "O" Oil |
| 4301351913 | WR 11G-5-10-17 | NESW | 5 | 10S | 17E | DUCHESNE | Unit # UTU 88573A | Scylla PA "A" Green River |
| 4301350417 | WR 9G-5-10-17 | NESE | 5 | 10S | 17E | DUCHESNE | Unit # UTU 88573A | Scylla PA "A" Green River |
| 4301332057 | WRB 16-17-10-17 | SESE | 17 | 10S | 17E | DUCHESNE | Unit # UTU 88573B | Scylla PA "B" Green River |
| 4304733615 | KENNEDY WASH 13-1 | NENE | 13 | 8S | 22E | UINTAH | Unit # UTU89161X | South Red Wash Unit |
| 4304755730 | SR 32A-13H | SWNE | 13 | 8S | 22E | UINTAH | Unit # UTU89161X | South Red Wash Unit |
| 4304737991 | SSU 11G-9-8-21 | NESW | 9 | 8S | 21E | UINTAH | Unit # UTU 82151A | South Stirrup Unit - GR PA |
| 4304736736 | SSU 8G-9-8-21 | SENE | 9 | 8S | 21E | UINTAH | Unit # UTU 82151A | South Stirrup Unit - GR PA |
| 4304740199 | SSU 13G-4-8-21 | SWSW | 4 | 8S | 21E | UINTAH | Unit # UTU 82151A | South Stirrup Unit - GR PA |
| 4304740159 | SSU 2G-3-8-21 | NWNE | 3 | 8S | 21E | UINTAH | Unit # UTU 82151A | South Stirrup Unit - GR PA |
| 4304734109 | WV 15G-3-8-21 | SWSE | 3 | 8S | 21E | UINTAH | Unit # UTU 82151A | South Stirrup Unit - GR PA |
| 4304734110 | WV 16G-3-8-21 | SESE | 3 | 8S | 21E | UINTAH | Unit # UTU 82151A | South Stirrup Unit - GR PA |
| 4304734106 | WV 3G-10-8-21 | NENW | 10 | 8S | 21E | UINTAH | Unit # UTU 82151A | South Stirrup Unit - GR PA |
| 4304738436 | SSU 14G-4-8-21 | SESW | 4 | 8S | 21E | UINTAH | Unit # UTU 82151A | South Stirrup Unit - GR PA |
| 4304738415 | SSU 16G-4-8-21 | SESE | 4 | 8S | 21E | UINTAH | Unit # UTU 82151A | South Stirrup Unit - GR PA |
| 4304737990 | SSU 2G-9-8-21 | NWNE | 9 | 8S | 21E | UINTAH | Unit # UTU 82151A | South Stirrup Unit - GR PA |
| 4304733162 | DESERT SPRING 3-29-10-18 | NENW | 29 | 10S | 18E | UINTAH | Unit # UTU 81306X | Uteland Butte Secondary Recovery Unit |
| 4304733712 | RB DS FEDERAL 14-17-10-18 | SESW | 17 | 10S | 18E | UINTAH | Unit # UTU 81306X | Uteland Butte Secondary Recovery Unit |
| 4304733164 | DESERT SPRING 16-19-10-18 | SESE | 19 | 10S | 18E | UINTAH | Unit # UTU 81306X | Uteland Butte Secondary Recovery Unit |
| 4304734134 | PENDRAGON FED 2-20-10-18 | NWNE | 20 | 10S | 18E | UINTAH | Unit # UTU 81306X | Uteland Butte Secondary Recovery Unit |
| 4304733245 | FEDERAL 5-20-10-18 | SWNW | 20 | 10S | 18E | UINTAH | Unit # UTU 81306X | Uteland Butte Secondary Recovery Unit |
| 4304734135 | PENDRAGON FED 9-17-10-18 | NESE | 17 | 10S | 18E | UINTAH | Unit # UTU 81306X | Uteland Butte Secondary Recovery Unit |
| 4304733244 | DS FEDERAL 7-19-10-18 | SWNE | 19 | 10S | 18E | UINTAH | Unit # UTU 81306X | Uteland Butte Secondary Recovery Unit |
| 4304734760 | DS FEDERAL 7-30-10-18 | SWNE | 30 | 10S | 18E | UINTAH | Unit # UTU 81306X | Uteland Butte Secondary Recovery Unit |
| 4304739792 | WRU GB 13G-3-8-22 | SWSW | 3 | 8S | 22E | UINTAH | Unit # UTU 63021G | White River PA "A" Green River Formation |
| 4304734208 | WRU GB 4WRG-9-8-22 | NWNW | 9 | 8S | 22E | UINTAH | Unit # UTU 63021G | White River PA "A" Green River Formation |
| 4304733651 | WR 13W-3-8-22 | SWSW | 3 | 8S | 22E | UINTAH | Unit # UTU-63021E | White River PA "E" WSTC-MSVD |
| 4304734651 | OU GB 10W-9-8-22 | NWSE | 9 | 8S | 22E | UINTAH | Unit # UTU-63021F | White River PA "F" (WS-MSVD) |
| 4304734649 | OU GB 14W-9-8-22 | SESW | 9 | 8S | 22E | UINTAH | Unit # UTU-63021F | White River PA "F" (WS-MSVD) |
| 4304734679 | OU GB 16W-9-8-22 | SESE | 9 | 8S | 22E | UINTAH | Unit # UTU-63021F | White River PA "F" (WS-MSVD) |
| 4304734010 | OU GB 6W-9-8-22 | SENE | 9 | 8S | 22E | UINTAH | Unit # UTU-63021F | White River PA "F" (WS-MSVD) |
| 4304734753 | WRU GB 5M-9-8-22 (ML) | SWNW | 9 | 8S | 22E | UINTAH | Unit # UTU-63021F | White River PA "F" (WS-MSVD) |
| 4304734650 | WRU GB 9MU-9-8-22 (MU) | NESE | 9 | 8S | 22E | UINTAH | Unit # UTU-63021F | White River PA "F" (WS-MSVD) |
| 4304735052 | WRU EIH 2MU-35-8-22 | NWNE | 35 | 8S | 22E | UINTAH | Unit # UTU 63021B | White River South PA "B" |
| 4304734708 | WRU EIH 11W-35-8-22 | NESW | 35 | 8S | 22E | UINTAH | Unit # UTU 63021B | White River South PA "B" |
| 4304733393 | WRU EIH 12W-35-8-22 | NWSW | 35 | 8S | 22E | UINTAH | Unit # UTU 63021B | White River South PA "B" |

| API Number | Well Name | Qtr/Qtr | Section | Township | Range | County | Lease or Unit # | Name of Unit or Lease |
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| 4304735048 | WRU EIH 15MU-26-8-22 (W) | SWSE | 26 | 8S | 22E | UINTAH | Unit # UTU 63021B | White River South PA "B" |
| 4304735049 | WRU EIH 1MU-35-8-22 | NENE | 35 | 8S | 22E | UINTAH | Unit # UTU 63021B | White River South PA "B" |
| 4304734044 | WRU EIH 3W-35-8-22 | NENW | 35 | 8S | 22E | UINTAH | Unit # UTU 63021B | White River South PA "B" |
| 4304734042 | WRU EIH 4W-35-8-22 | NWNW | 35 | 8S | 22E | UINTAH | Unit # UTU 63021B | White River South PA "B" |
| 4304734572 | WRU EIH 5W-35-8-22 | SWNW | 35 | 8S | 22E | UINTAH | Unit # UTU 63021B | White River South PA "B" |
| 4304735047 | WRU EIH 9MU-26-8-22 (W) | NESE | 26 | 8S | 22E | UINTAH | Unit # UTU 63021B | White River South PA "B" |
| 4304733061 | WRU EIH 15-35-8-22 | SWSE | 35 | 8S | 22E | UINTAH | Unit # UTU 63021B | White River South PA "B" |
| 4304735046 | WRU EIH 10W-35-8-22 (MU) | NWSE | 35 | 8S | 22E | UINTAH | Unit # UTU 63021B & Lease # UTU-01089 | White River South PA "B" & Lease |
| 4304737300 | WRU EIH 11B-ML-35-8-22 (ML) | NESW | 35 | 8S | 22E | UINTAH | Unit # UTU 63021B & Lease # UTU-01089 | White River South PA "B" & Lease |
| 4304735667 | WRU EIH 14MU-35-8-22 (W) | SESW | 35 | 8S | 22E | UINTAH | Unit # UTU 63021B & Lease # UTU-01089 | White River South PA "B" & Lease |
| 4304735121 | WRU EIH 15MU-35-8-22 (W) | SWSE | 35 | 8S | 22E | UINTAH | Unit # UTU 63021B & Lease # UTU-01089 | White River South PA "B" & Lease |
| 4304735194 | WRU EIH 16MU-35-8-22 (MU) | SESE | 35 | 8S | 22E | UINTAH | Unit # UTU 63021B & Lease # UTU-01089 | White River South PA "B" & Lease |
| 4304737299 | WRU EIH 6B-ML-35-8-22 (ML) | SWNW | 35 | 8S | 22E | UINTAH | Unit # UTU 63021B & Lease # UTU-01089 | White River South PA "B" & Lease |
| 4304738640 | WRU EIH 6DD-35-8-22 (DK) | SENW | 35 | 8S | 22E | UINTAH | Unit # UTU 63021B & Lease # UTU-01089 | White River South PA "B" & Lease |
| 4304734684 | WRU EIH 6W-35-8-22 (MU) | SENW | 35 | 8S | 22E | UINTAH | Unit # UTU 63021B & Lease # UTU-01089 | White River South PA "B" & Lease |
| 4304737466 | WRU EIH 7D-ML-35-8-22 (ML) | SWNE | 35 | 8S | 22E | UINTAH | Unit # UTU 63021B & Lease # UTU-01089 | White River South PA "B" & Lease |
| 4304735051 | WRU EIH 7MU-35-8-22 (W) | SWNE | 35 | 8S | 22E | UINTAH | Unit # UTU 63021B & Lease # UTU-01089 | White River South PA "B" & Lease |
| 4304735195 | WRU EIH 8MU-35-8-22 (W) | SENE | 35 | 8S | 22E | UINTAH | Unit # UTU 63021B & Lease # UTU-01089 | White River South PA "B" & Lease |
| 4304735050 | WRU EIH 9M-35-8-22 (W) | NESE | 35 | 8S | 22E | UINTAH | Unit # UTU 63021B & Lease # UTU-01089 | White River South PA "B" & Lease |
| 4304734210 | WRU 13WX-35-8-22 (M) | SWSW | 35 | 8S | 22E | UINTAH | Unit # UTU 63021B & Lease # UTU-01089 | White River South PA "B" & Lease |
| 4304735601 | WRU EIH 12MU-25-8-22 (W) | NWSW | 25 | 8S | 22E | UINTAH | Unit # UTU 63021B & Lease # UTU-0629 | White River South PA "B" & Lease |
| 4304735329 | WRU EIH 13MU-25-8-22 (W) | SWSW | 25 | 8S | 22E | UINTAH | Unit # UTU 63021B & Lease # UTU-0629 | White River South PA "B" & Lease |
| 4304735120 | WRU EIH 10MU-26-8-22 (W) | NWSE | 26 | 8S | 22E | UINTAH | Unit # UTU 63021B & Lease # UTU-0629 | White River South PA "B" & Lease |
| 4304735118 | WRU EIH 1MU-26-8-22 (W) | NENE | 26 | 8S | 22E | UINTAH | Unit # UTU 63021B & Lease # UTU-0629 | White River South PA "B" & Lease |
| 4304735192 | WRU EIH 2MU-26-8-22 (W) | NWNE | 26 | 8S | 22E | UINTAH | Unit # UTU 63021B & Lease # UTU-0629 | White River South PA "B" & Lease |
| 4304737465 | WRU EIH 3D-ML-35-8-22 (ML) | SENW | 35 | 8S | 22E | UINTAH | Unit # UTU 63021B & Lease # UTU-0629 | White River South PA "B" & Lease |
| 4304735389 | WRU EIH 3MU-25-8-22 (MU) | NENW | 25 | 8S | 22E | UINTAH | Unit # UTU 63021B & Lease # UTU-0629 | White River South PA "B" & Lease |
| 4304738636 | WRU EIH 4AD-25-8-22 (W) | NWNW | 25 | 8S | 22E | UINTAH | Unit # UTU 63021B & Lease # UTU-0629 | White River South PA "B" & Lease |
| 4304735432 | WRU EIH 5MU-25-8-22 (MU) | SWNW | 25 | 8S | 22E | UINTAH | Unit # UTU 63021B & Lease # UTU-0629 | White River South PA "B" & Lease |
| 4304735431 | WRU EIH 6MU-25-8-22 (MU) | SENW | 25 | 8S | 22E | UINTAH | Unit # UTU 63021B & Lease # UTU-0629 | White River South PA "B" & Lease |
| 4304738637 | WRU EIH 7AD-26-8-22 (M) | SWNE | 26 | 8S | 22E | UINTAH | Unit # UTU 63021B & Lease # UTU-0629 | White River South PA "B" & Lease |
| 4304735119 | WRU EIH 7MU-26-8-22 (MU) | SENE | 26 | 8S | 22E | UINTAH | Unit # UTU 63021B & Lease # UTU-0629 | White River South PA "B" & Lease |
| 4304738649 | WRU EIH 9CD-26-8-22 (W) | NESE | 26 | 8S | 22E | UINTAH | Unit # UTU 63021B & Lease # UTU-0629 | White River South PA "B" & Lease |
| 4304735388 | WRU EIH 4MU-25-8-22 (MU) | NWNW | 25 | 8S | 22E | UINTAH | Unit # UTU 63021B & Lease # UTU-0629 | White River South PA "B" & Lease |
| 4304735191 | WRU EIH 16MU-26-8-22 (W) | SESE | 26 | 8S | 22E | UINTAH | Unit # UTU 63021B & Lease # UTU-0629 | White River South PA "B" & Lease |
| 4304734836 | WRU EIH 11MU-26-8-22 (W) | NESW | 26 | 8S | 22E | UINTAH | Unit # UTU 63021B & Lease # UTU-43916 | White River South PA "B" & Lease |
| 4304735425 | WRU EIH 12ML-24-8-22 (W) | NWSW | 24 | 8S | 22E | UINTAH | Unit # UTU 63021B & Lease # UTU-43917 | White River South PA "B" & Lease |

| API Number | Well Name | Qtr/Qtr | Section | Township | Range | County | Lease or Unit # | Name of Unit or Lease |
|------------|---------------------------|---------|---------|----------|-------|--------|---------------------------------------|----------------------------------|
| 4304735805 | WRU EIH 11ML-24-8-22 (MU) | NWSW | 24 | 8S | 22E | UINTAH | Unit # UTU 63021B & Lease # UTU-43917 | White River South PA "B" & Lease |
| 4304735793 | WRU EIH 13ML-24-8-22 (ML) | SESW | 24 | 8S | 22E | UINTAH | Unit # UTU 63021B & Lease # UTU-43917 | White River South PA "B" & Lease |
| 4304735426 | WRU EIH 14ML-24-8-22 (ML) | SESW | 24 | 8S | 22E | UINTAH | Unit # UTU 63021B & Lease # UTU-43917 | White River South PA "B" & Lease |
| 4304735387 | WRU EIH 15ML-23-8-22 (ML) | SWSE | 23 | 8S | 22E | UINTAH | Unit # UTU 63021B & Lease # UTU-43917 | White River South PA "B" & Lease |
| 4304735804 | WRU EIH 16ML-23-8-22 (ML) | SWSE | 23 | 8S | 22E | UINTAH | Unit # UTU 63021B & Lease # UTU-43917 | White River South PA "B" & Lease |
| 4304735189 | WRU EIH 9ML-23-8-22 (W) | NESE | 23 | 8S | 22E | UINTAH | Unit # UTU 63021B & Lease # UTU-43917 | White River South PA "B" & Lease |
| 4304735187 | WRU EIH 10ML-23-8-22 (W) | NWSE | 23 | 8S | 22E | UINTAH | Unit # UTU 63021B & Lease # UTU-43917 | White River South PA "B" & Lease |
| 4304738994 | WRU EIH 6D-5-8-23 (MV) | SENW | 5 | 8S | 23E | UINTAH | Unit # UTU 63021C | White River Unit PA"B" |
| 4304733863 | WV 10W-12-8-21 | NWSE | 12 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733795 | WV 10W-13-8-21 | NWSE | 13 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304734295 | WV 10W-15-8-21 | NWSE | 15 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733991 | WV 10W-18-8-22 | NWSE | 18 | 8S | 22E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733813 | WV 10W-7-8-22 | NWSE | 7 | 8S | 22E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304738049 | WV 11AD-14-8-21 (ML) | NWSE | 14 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733535 | WV 11W-12-8-21 | NESW | 12 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304734277 | WV 11W-14-8-21 | NESW | 14 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733626 | WV 11W-18-8-22 | NESW | 18 | 8S | 22E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733495 | WV 11W-7-8-22 | NESW | 7 | 8S | 22E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733295 | WV 11W-8-8-22 | NESW | 8 | 8S | 22E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304731873 | WV 121 (MV) | NWSW | 14 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733961 | WV 12W-13-8-21 | NWSW | 13 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733815 | WV 12W-8-8-22 | NWSW | 8 | 8S | 22E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733054 | WV 138 WG | SWNW | 18 | 8S | 22E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304739039 | WV 13A-15-8-21 (DK) | SWSW | 15 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304739321 | WV 13AD-8-8-22R (ML) | SWSW | 8 | 8S | 22E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304737926 | WV 13DML-10-8-21 (W) | SWSW | 10 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304736305 | WV 13MU-10-8-21 (MU) | SWSW | 10 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733607 | WV 13W-14-8-21 | SWSW | 14 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733538 | WV 13W-18-8-22 | SWSW | 18 | 8S | 22E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733496 | WV 13W-7-8-22 | SWSW | 7 | 8S | 22E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733070 | WV 14 WG | SWSE | 12 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733128 | WV 146 WG | NWNW | 19 | 8S | 22E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304737924 | WV 14DML-12-8-21 (W) | SESW | 12 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304734280 | WV 14M-11-8-21 (ML) | SESW | 11 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304735879 | WV 14MU-10-8-21 (W) | SESW | 10 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733864 | WV 14W-12-8-21 | SESW | 12 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733962 | WV 14W-13-8-21 | SESW | 13 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |

| API Number | Well Name | Qtr/Qtr | Section | Township | Range | County | Lease or Unit # | Name of Unit or Lease |
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| 4304733995 | WV 14W-18-8-22 | SESW | 18 | 8S | 22E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733816 | WV 14W-7-8-22 | SESW | 7 | 8S | 22E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733963 | WV 15W-14-8-21 | SWSE | 14 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733661 | WV 15W-9-8-21 | SWSE | 9 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304738737 | WV 16C-14-8-21 (W) | SESE | 14 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304734250 | WV 16W-10-8-21 | SESE | 10 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733865 | WV 16W-12-8-21 | SESE | 12 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733529 | WV 16W-9-8-21 | SESE | 9 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733220 | WV 1W-14-8-21 | NENE | 14 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733294 | WV 1W-18-8-22 | NENE | 18 | 8S | 22E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733602 | WV 1W-21-8-21 | NENE | 21 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733904 | WV 1W-23-8-21 | NENE | 23 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733613 | WV 1W-24-8-21 | NENE | 24 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733501 | WV 1W-7-8-22 | NENE | 7 | 8S | 22E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733791 | WV 2W-13-8-21 | NWNE | 13 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304734140 | WV 2W-14-8-21 | NWNE | 14 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733986 | WV 2W-18-8-22 | NWNE | 18 | 8S | 22E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304734141 | WV 2W-21-8-21 | NWNE | 21 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304734243 | WV 2W-22-8-21 | NWNE | 22 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304734468 | WV 2W-8-8-22 | NWNE | 8 | 8S | 22E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304732831 | WV 38 WG | SWNW | 8 | 8S | 22E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304734289 | WV 3MU-15-8-21 (MU) | NENW | 15 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733533 | WV 3W-18-8-22 | NENW | 18 | 8S | 22E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304734187 | WV 3W-19-8-22 | NENW | 19 | 8S | 22E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304734143 | WV 3W-21-8-21 | NENW | 21 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733604 | WV 3W-22-8-21 | NENW | 22 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733605 | WV 3W-24-8-21 | NENW | 24 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733502 | WV 3W-7-8-22 | NENW | 7 | 8S | 22E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733241 | WV 46 WG | NESE | 7 | 8S | 22E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304732832 | WV 49 WG | SWSW | 8 | 8S | 22E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304739041 | WV 4BD-23-8-21 (W) | NWNW | 23 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304737927 | WV 4DML-15-8-21 (ML) | NWNW | 15 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304734291 | WV 4MU-15-8-21 (MU) | NWNW | 15 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733657 | WV 4W-11-8-21 | NWNW | 11 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304734144 | WV 4W-13-8-21 | NWNW | 13 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304734038 | WV 4W-17-8-22 | NWNW | 17 | 8S | 22E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304734145 | WV 4W-21-8-21 | NWNW | 21 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |

| API Number | Well Name | Qtr/Qtr | Section | Township | Range | County | Lease or Unit # | Name of Unit or Lease |
|------------|--------------------|---------|---------|----------|-------|--------|-------------------|---------------------------|
| 4304734188 | WV 4W-23-8-21 | NWNW | 23 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304734330 | WV 4W-24-8-21 | NWNW | 24 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304732821 | WV 54 WG | SWSE | 7 | 8S | 22E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304734293 | WV 5MU-15-8-21 (W) | SWNW | 15 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733221 | WV 5W-13-8-21 | SWNW | 13 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733953 | WV 5W-14-8-21 | SWNW | 14 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304738663 | WV 6-24-8-21 (M) | SEW | 24 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304732829 | WV 69 WG | SWNE | 18 | 8S | 22E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733906 | WV 6W-11-8-21 | SEW | 11 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733792 | WV 6W-13-8-21 | SEW | 13 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304734294 | WV 6W-15-8-21 | SEW | 15 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733842 | WV 6W-18-8-22 | SEW | 18 | 8S | 22E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733828 | WV 6W-7-8-22 | SEW | 7 | 8S | 22E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733843 | WV 6WC-18-8-22 | SEW | 18 | 8S | 22E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733844 | WV 6WD-18-8-22 | SEW | 18 | 8S | 22E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304739044 | WV 7BD-23-8-21 (W) | SWNE | 23 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733955 | WV 7W-14-8-21 | SWNE | 14 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304734246 | WV 7W-15-8-21 | SWNE | 15 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733908 | WV 7W-24-8-21 | SWNE | 24 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304739040 | WV 8D-15-8-21 (DK) | SENE | 15 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733862 | WV 8W-12-8-21 | SENE | 12 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733793 | WV 8W-13-8-21 | SENE | 13 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733958 | WV 8W-14-8-21 | SENE | 14 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304734247 | WV 8W-15-8-21 | SENE | 15 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733989 | WV 8W-18-8-22 | SENE | 18 | 8S | 22E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304734340 | WV 8W-24-8-21 | SENE | 24 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733534 | WV 9W-12-8-21 | NESE | 12 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733269 | WV 9W-14-8-21 | NESE | 14 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733959 | WV 9W-15-8-21 | NESE | 15 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733910 | WV 10W-11-8-21 | NWSE | 11 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304734275 | WV 10W-14-8-21 | NWSE | 14 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733911 | WV 11W-15-8-21 | NESW | 15 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733808 | WV 12W-7-8-22 | NWSW | 7 | 8S | 22E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733913 | WV 13W-11-8-21 | SWSW | 11 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733537 | WV 13W-12-8-21 | SWSW | 12 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304734281 | WV 14W-14-8-21 | SESW | 14 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304734249 | WV 14W-15-8-21 | SESW | 15 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |

| API Number | Well Name | Qtr/Qtr | Section | Township | Range | County | Lease or Unit # | Name of Unit or Lease |
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| 4304733916 | WV 15W-10-8-21 | SWSE | 10 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733917 | WV 15W-15-8-21 | SWSE | 15 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733817 | WV 16W-7-8-22 | SESE | 7 | 8S | 22E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733531 | WV 1W-12-8-21 | NENE | 12 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304734242 | WV 2W-15-8-21 | NWNE | 15 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733603 | WV 3W-13-8-21 | NENW | 13 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304734244 | WV 4W-14-8-21 | NWNW | 14 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304734146 | WV 4W-22-8-21 | NWNW | 22 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733494 | WV 5W-7-8-22 | SWNW | 7 | 8S | 22E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304734271 | WV 6W-14-8-21 | SESW | 14 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304734189 | WV 6W-23-8-21 | SESW | 23 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733811 | WV 6W-8-8-22 | SESW | 8 | 8S | 22E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733861 | WV 7W-23-8-21 | SWNE | 23 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733812 | WV 7W-8-8-22 | SWNE | 8 | 8S | 22E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733086 | WV 81WG | SWNW | 24 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733957 | WV 8W-11-8-21 | SENE | 11 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304731820 | WV 145 | NWNW | 18 | 8S | 22E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304720205 | WV 83 WG | NENW | 23 | 8S | 21E | UINTAH | Unit # UTU 63043E | Wonsits Valley PA "E" Gas |
| 4304733914 | WV 13W-15-8-21 | SWSW | 15 | 8S | 21E | UINTAH | Unit # UTU 63043O | Wonsits Valley PA "O" Green River |
| 4304734251 | WV 16W-15-8-21 (GR) | SESE | 15 | 8S | 21E | UINTAH | Unit # UTU 63043O | Wonsits Valley PA "O" Green River |
| 4304734564 | WV 8W-22-8-21 (GR) | SENE | 22 | 8S | 21E | UINTAH | Unit # UTU 63043O | Wonsits Valley PA "O" Green River |
| 4304733536 | WV 11W-13-8-21 | NESW | 13 | 8S | 21E | UINTAH | Unit # UTU 63043O | Wonsits Valley PA "O" Green River |
| 4304733903 | WV 1W-22-8-21 (GR) | NENE | 22 | 8S | 21E | UINTAH | Unit # UTU 63043O | Wonsits Valley PA "O" Green River |
| 4304730021 | WV 103 | NWNW | 14 | 8S | 21E | UINTAH | Unit # UTU 63043O | Wonsits Valley PA "O" Green River |
| 4304730023 | WV 105 | SESE | 10 | 8S | 21E | UINTAH | Unit # UTU 63043O | Wonsits Valley PA "O" Green River |
| 4304730045 | WV 109 | SENE | 15 | 8S | 21E | UINTAH | Unit # UTU 63043O | Wonsits Valley PA "O" Green River |
| 4304730046 | WV 110 | SESW | 14 | 8S | 21E | UINTAH | Unit # UTU 63043O | Wonsits Valley PA "O" Green River |
| 4304730048 | WV 112 | SESW | 15 | 8S | 21E | UINTAH | Unit # UTU 63043O | Wonsits Valley PA "O" Green River |
| 4304732461 | WV 119 | NWNW | 21 | 8S | 21E | UINTAH | Unit # UTU 63043O | Wonsits Valley PA "O" Green River |
| 4304730745 | WV 124 | NWSE | 15 | 8S | 21E | UINTAH | Unit # UTU 63043O | Wonsits Valley PA "O" Green River |
| 4304730798 | WV 128 | SESW | 10 | 8S | 21E | UINTAH | Unit # UTU 63043O | Wonsits Valley PA "O" Green River |
| 4304733660 | WV 12G-10-8-21 | NWSW | 10 | 8S | 21E | UINTAH | Unit # UTU 63043O | Wonsits Valley PA "O" Green River |
| 4304732307 | WV 130 | NWNW | 22 | 8S | 21E | UINTAH | Unit # UTU 63043O | Wonsits Valley PA "O" Green River |
| 4304730822 | WV 132 | NWSW | 15 | 8S | 21E | UINTAH | Unit # UTU 63043O | Wonsits Valley PA "O" Green River |
| 4304731706 | WV 133 | SESW | 15 | 8S | 21E | UINTAH | Unit # UTU 63043O | Wonsits Valley PA "O" Green River |
| 4304732016 | WV 135-2 | NENE | 21 | 8S | 21E | UINTAH | Unit # UTU 63043O | Wonsits Valley PA "O" Green River |
| 4304731523 | WV 137 | SESW | 11 | 8S | 21E | UINTAH | Unit # UTU 63043O | Wonsits Valley PA "O" Green River |

| API Number | Well Name | Qtr/Qtr | Section | Township | Range | County | Lease or Unit # | Name of Unit or Lease |
|------------|---------------------|---------|---------|----------|-------|--------|-------------------|-----------------------------------|
| 4304731807 | WV 144 | SENE | 10 | 8S | 21E | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304733662 | WV 15G-9-8-21 | SWSE | 9 | 8S | 21E | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304734283 | WV 16G-14-8-21 | SESE | 14 | 8S | 21E | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304733655 | WV 2W-10-8-21 (GR) | NWNE | 10 | 8S | 21E | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304715471 | WV 43 | SWSW | 11 | 8S | 21E | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304715476 | WV 48 | SWNE | 10 | 8S | 21E | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304720003 | WV 53 | SWSE | 10 | 8S | 21E | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304720005 | WV 55 | SWNE | 14 | 8S | 21E | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304733860 | WV 5W-23-8-21 (GR) | SWNW | 23 | 8S | 21E | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304720024 | WV 62 | SWSW | 10 | 8S | 21E | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304720041 | WV 65 | SWNW | 15 | 8S | 21E | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304733503 | WV 7WRG-7-8-22 (GR) | SWNE | 7 | 8S | 22E | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304734339 | WV 8M-23-8-21 (MU) | SENE | 23 | 8S | 21E | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304730022 | WV 104 | NWNE | 15 | 8S | 21E | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304734142 | WV 2W-23-8-21 (GR) | NWNE | 23 | 8S | 21E | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304715463 | WV 35 | NESW | 14 | 8S | 21E | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304720047 | WV 68 | NESE | 15 | 8S | 21E | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304732462 | WV 120 | NENW | 22 | 8S | 21E | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304730796 | WV 126 | NWNE | 21 | 8S | 21E | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304731707 | WV 140 | NWNW | 15 | 8S | 21E | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304731808 | WV 143 | NWSE | 10 | 8S | 21E | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304715447 | WV 16 | NENE | 15 | 8S | 21E | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304731524 | WV 28-2 | NESW | 11 | 8S | 21E | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304715460 | WV 31 | NENW | 14 | 8S | 21E | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304715464 | WV 36 | NESW | 10 | 8S | 21E | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304734596 | WV 3G-8-8-22 | NENW | 8 | 8S | 22E | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304731798 | WV 40-2 | NESE | 10 | 8S | 21E | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304715469 | WV 41 | NENW | 15 | 8S | 21E | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304715477 | WV 50 | SWNE | 15 | 8S | 21E | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304720018 | WV 59 | SWNW | 14 | 8S | 21E | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304720019 | WV 60 | SWSE | 15 | 8S | 21E | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304720043 | WV 67 | NESW | 15 | 8S | 21E | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304732449 | WV 71-2 | SWSW | 15 | 8S | 21E | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |
| 4304730014 | WV 97 | NWSW | 11 | 8S | 21E | UINTAH | Unit # UTU 630430 | Wonsits Valley PA "O" Green River |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region8>

OCT 04 2018

Ref: 8WP-SUI

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Worth Carlin
Vice President, Land
Middle Fork Energy Uinta, LLC
1430 Larimer Street, Suite 400
Denver, Colorado 80202

Re: Underground Injection Control
Minor Permit Modification
Ownership/Operator Transfer, 80 wells

Dear Mr. Carlin:

On September 17, 2018, the U.S. Environmental Protection Agency Region 8 Underground Injection Control program office received notice from QEP, with your concurrence, that the owner and operator of the 80 wells attached in Schedule A is changed from QEP Energy to Middle Fork Energy Uinta, LLC effective September 6, 2018. This action hereby names the following owner and operator as the Permittee for the named wells:

Middle Fork Energy Uinta, LLC
1430 Larimer Street, Suite 400
Denver, Colorado 80202

The EPA has reviewed the request and has determined that Minor Modifications of the Permits are required. Middle Fork Energy Uinta has met the financial responsibility requirements under Title 40 of the Code of Federal Regulations (40 CFR), Section 144.52(a)(7).

Pursuant to 40 CFR §144.41(d), the EPA hereby modifies the referenced Permits, reflecting that Middle Fork Energy Uinta is the Permittee.

Please note that the referenced EPA Permits remain fully effective and enforceable and all other provisions and conditions of the Permits remain as issued or modified. For further information, please contact Bruce Suchomel at suchomel.bruce@epa.gov or (303) 312-6001.

Sincerely,

A handwritten signature in black ink, appearing to read 'Darcy O'Connor', with a long horizontal flourish extending to the right.

Darcy O'Connor
Assistant Regional Administrator
Office of Water Protection

Enclosure

cc: Uintah & Ouray Business Committee:
Luke Duncan, Chairman
Tony Small, Vice-Chairman
Susan Chapoose, Executive Director

Antonio Pingree, Acting Superintendent
BIA – Uintah & Ouray Indian Agency

Bruce Pargeets, Energy & Minerals Director
Ute Indian Tribe

Sonja Willie, Natural Resources Director
Ute Indian Tribe

Dayne Doucet, Oil and Gas Permitting Manager
Utah Division of Oil, Gas and Mining

Jerry Kenczka
Assistant Field Manager for Lands & Minerals
BLM - Vernal Office

Julie Jacobson, Regulatory Manager
QEP Energy

| | | |
|--|----------------------|--|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | | FORM 9 |
| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | | 5. LEASE DESIGNATION AND SERIAL NUMBER: U-0116 |
| | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 1. TYPE OF WELL Gas Well | | 7. UNIT or CA AGREEMENT NAME: RED WASH |
| 2. NAME OF OPERATOR: Middle Fork Energy Uinta, LLC | | 8. WELL NAME and NUMBER: RW 14-18B |
| 3. ADDRESS OF OPERATOR: 1515 Wynkoop Street, Suite 650 , Denver, CO, 80202 | PHONE NUMBER: | 9. API NUMBER: 43047151780100 |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 659 FSL 592 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 18 Township: 7S Range: 23E Meridian: S | | 9. FIELD and POOL or WILDCAT: RED WASH |
| | | COUNTY: UINTAH |
| | | STATE: UTAH |

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|--|---|---|---|
| <input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 12/30/2020 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date: | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> CASING REPAIR |
| | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> CHANGE WELL NAME |
| | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> CONVERT WELL TYPE |
| | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> NEW CONSTRUCTION |
| | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> PLUG BACK |
| | <input type="checkbox"/> PRODUCTION START OR RESUME | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION |
| | <input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION | <input type="checkbox"/> SIDETRACK TO REPAIR WELL | <input type="checkbox"/> TEMPORARY ABANDON |
| | <input type="checkbox"/> TUBING REPAIR | <input type="checkbox"/> VENT OR FLARE | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> WATER SHUTOFF | <input type="checkbox"/> SI TA STATUS EXTENSION | <input type="checkbox"/> APD EXTENSION |
| | <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> OTHER | OTHER: <input type="text"/> |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Middle Fork Energy Uinta, LLC request approval to recomplete the RW 14-18B by adding perforations to the Mesaverde formation. See attached procedure.

**Approved by the
Utah Division of
Oil, Gas and Mining**Date: January 11, 2021By: *Derek Quist*

| | | |
|--|-------------------------------------|--|
| NAME (PLEASE PRINT) Jan Nelson | PHONE NUMBER 435-781-4331 | TITLE Sr. Staff Regulatory Analyst |
| SIGNATURE N/A | DATE 12/4/2020 | |

RW 14-18B Recompletion

Middle Fork Energy

The following recomple is requested for approval on the RW 14-18B, adding perforations in the Mesaverde:

1. Set CBP @ 10,270' to isolate existing Mesaverde production.
2. Perforate 9260'-10,220'. Exact perforations and intervals are to be determined.
3. Stimulate with slickwater.
4. Drill out plugs to CBP @ 10,270'.
5. Land tubing and return well to production.
6. Plan to test this interval of the Mesaverde for 3-6 months before returning to drill out plug @ 10,270' to produce the whole wellbore.

| | | |
|--|--|---|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | | FORM 9 |
| SUNDRY NOTICES AND REPORTS ON WELLS | | 5. LEASE DESIGNATION AND SERIAL NUMBER: U-0116 |
| Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| | | 7. UNIT or CA AGREEMENT NAME: RED WASH |
| 1. TYPE OF WELL Gas Well | | 8. WELL NAME and NUMBER: RW 14-18B |
| 2. NAME OF OPERATOR: Middle Fork Energy Uinta, LLC | | 9. API NUMBER: 43047151780100 |
| 3. ADDRESS OF OPERATOR: 1515 Wynkoop Street, Suite 650 , Denver, CO, 80202 | PHONE NUMBER: | 9. FIELD and POOL or WILDCAT: RED WASH |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 659 FSL 592 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 18 Township: 7S Range: 23E Meridian: S | | COUNTY: UINTAH |
| | | STATE: UTAH |
| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | | |
| TYPE OF SUBMISSION | TYPE OF ACTION | |
| <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: | <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 2/24/2021 | | <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/> |
| <input type="checkbox"/> SPUD REPORT Date of Spud: | | |
| <input type="checkbox"/> DRILLING REPORT Report Date: | | |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. | | |
| On the RW 14-18B, Middle Fork Energy Uinta, LLC added additional perforations to the Mesaverde formation. Please see the attached well summary, perforation summary and daily report. | | |
| Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY (This is not an approval) April 06, 2021 | | |
| NAME (PLEASE PRINT) Jan Nelson | PHONE NUMBER 435-781-4331 | TITLE Sr. Staff Regulatory Analyst |
| SIGNATURE N/A | | DATE 3/29/2021 |

RW 14-18B

Middle Fork Energy Uinta, LLC re-perforated the RW 14-18B Mesaverde formation. A summary of the additional perforations is as follows: Stage 1 – 10,109' - 10,108' (3 shots), Stage 2 – 10,215' - 10,063' (42 shots), Stage 3 – 10,053' - 9,905 (45 shots), Stage 4 – 9,892' - 9,741' (45 shots), Stage 5 – 9,731' - 9,584' (42 shots), Stage 6 – 9,570' - 9,418' (45 shots). The frac used 32,616 bbls slickwater and 63,920 lbs of proppant. The well was returned to production on 02/24/2021. Please see the attached perforation summary and daily report.



Middle Fork Daily Activity Report

Well Name: RW 14-18B

| | | | | | |
|-----------------------------------|--|----------------------------------|---|------------------------------|-------------------------------------|
| API/UWI 43-047-15178 | Surface Legal Location S18-T7S-R23E | Field Name RED WASH | License # | State/Province UTAH | Well Configuration Type S-WELL |
| Ground Elevation (ft) 5,462.50 | Casing Flange Elevation (ft) 5,462.50 | KB-Ground Distance (ft) 16.00 | KB-Casing Flange Distance (ft) 16.00 | Spud Date 4/12/2012 10:00 | Rig Release Date 3/28/2012 00:00 |

Job Category
COMPLETION

| Rpt # | Start Date | End Date | Summary |
|-------|------------|-----------|---|
| 1.0 | 1/29/2021 | 1/30/2021 | install culverts, water transfer line, flowback tanks and unit, manifold, frac tanks. prep for frac |
| 2.0 | 2/1/2021 | 2/2/2021 | prep location for recomplate |
| 3.0 | 2/9/2021 | 2/10/2021 | MIRU ROYAL WELL SVC. LAY DOWN ALL TBG. NU HYDRAULIC GATEVALVE. MIRU CUTTERS W.L. AND SET 2 PRODRILL CBP'S WITH 3000 PSI TRAPPED IN BETWEEN AT 10,290' AND 10,260'. RDWL AND PREP. TO RD WORKOVER RIG. |
| 4.0 | 2/10/2021 | 2/11/2021 | Nipple up 4" 10K frac stack and stand. Psi test stack to 9,000 psi. |
| 5.0 | 2/11/2021 | 2/12/2021 | Psi test casing, Perforate, and perform D-fit |
| 6.0 | 2/16/2021 | 2/17/2021 | MIRU Perf stages 1-4, and frac stages 1-4 |
| 7.0 | 2/17/2021 | 2/18/2021 | Frac stages 4-5 Perf stage-5 Set kill plug @ 9,370 Rig down frac ops'. |
| 8.0 | 2/18/2021 | 2/19/2021 | Remove 4 1/16" 10K frac tree and frac stand. |
| 9.0 | 2/23/2021 | 2/24/2021 | MIRU TEST BOPE AND RIH W/3 7/8" BIT AND SIFT OPEN ASS. PICKING UP TBG TO RIGHT ABOVE CBP. SDFN |
| 10.0 | 2/24/2021 | 2/25/2021 | DRILL OUT PLUGS |
| 11.0 | 3/8/2021 | 3/9/2021 | Flowing back well |

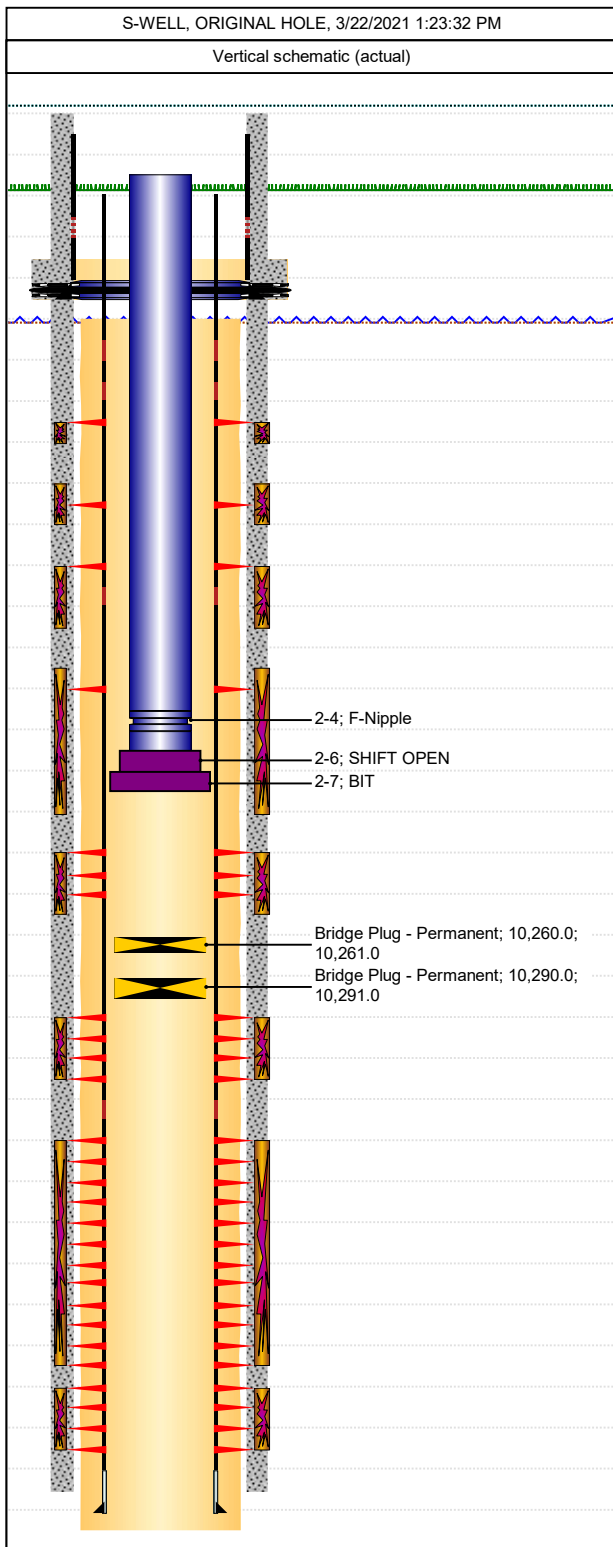


Downhole Well Profile

Well Name: RW 14-18B

| | | | | | |
|--|--|------------------------------|-------------------------------------|------------------------|-----------------------------------|
| API/UWI 43-047-15178 | Surface Legal Location S18-T7S-R23E | Field Name RED WASH | License # | State/Province UTAH | Well Configuration Type S-WELL |
| Original KB Elevation (ft) 5,478.50 | KB-Tubing Head Distance (ft) 5,478.50 | Spud Date 4/12/2012 10:00 | Rig Release Date 3/28/2012 00:00 | PBTD (All) (ftKB) | Total Depth All (TVD) (ftKB) |

| | | | | | |
|---------------------------------|------|------------------------|----------------|------------|----------|
| Type PRODUCTION CASING #2 | Make | Working Pressure (psi) | Max Pres (psi) | Start Date | End Date |
|---------------------------------|------|------------------------|----------------|------------|----------|



| Casing Strings | | | | | |
|----------------------------------|---------|----------------|---------|------------|------------------|
| Csg Des | OD (in) | Wt/Len (lb/ft) | Grade | Top Thread | Set Depth (ftKB) |
| DIMS TALLY - INTERMEDIATE CASING | | | | | 514.5 |
| INTERMEDIATE CASING | 7 | 23.00 | P-110 | | 526.9 |
| DIMS TALLY - PROD 2 CASING | | | | | 11,851.0 |
| PROD 2 CASING | 4 1/2 | 11.60 | HCP-110 | LT&C | 11,857.4 |

| Perforations | | | |
|--------------|------------|------------|--------------------------|
| Date | Top (ftKB) | Btm (ftKB) | Linked Zone |
| 2/17/2021 | 9,418.0 | 9,570.0 | MESAVERDE, ORIGINAL HOLE |
| 2/17/2021 | 9,584.0 | 9,731.0 | MESAVERDE, ORIGINAL HOLE |
| 2/16/2021 | 9,741.0 | 9,892.0 | MESAVERDE, ORIGINAL HOLE |
| 2/16/2021 | 9,905.0 | 10,053.0 | MESAVERDE, ORIGINAL HOLE |
| 2/16/2021 | 10,063.0 | 10,215.0 | MESAVERDE, ORIGINAL HOLE |
| 2/11/2021 | 10,108.0 | 10,109.0 | MESAVERDE, ORIGINAL HOLE |
| 5/15/2012 | 10,322.0 | 10,330.0 | MESAVERDE, ORIGINAL HOLE |
| 5/15/2012 | 10,648.0 | 10,656.0 | MESAVERDE, ORIGINAL HOLE |
| 5/15/2012 | 11,080.0 | 11,082.0 | MESAVERDE, ORIGINAL HOLE |
| 5/15/2012 | 11,146.0 | 11,148.0 | MESAVERDE, ORIGINAL HOLE |
| 5/15/2012 | 11,168.0 | 11,170.0 | MESAVERDE, ORIGINAL HOLE |
| 5/15/2012 | 11,204.0 | 11,206.0 | MESAVERDE, ORIGINAL HOLE |
| 5/15/2012 | 11,236.0 | 11,242.0 | MESAVERDE, ORIGINAL HOLE |
| 5/15/2012 | 11,286.0 | 11,288.0 | MESAVERDE, ORIGINAL HOLE |
| 5/14/2012 | 11,708.0 | 11,714.0 | MESAVERDE, ORIGINAL HOLE |
| 5/14/2012 | 11,740.0 | 11,750.0 | MESAVERDE, ORIGINAL HOLE |

| Tubing Strings | | | | | | | |
|---------------------|----------|--------------------|------------------|---------|------------|-------|----------|
| Tubing Description | Run Date | String Length (ft) | Set Depth (ftKB) | | | | |
| Tubing - Production | 2/9/2021 | 10,045.66 | 10,044.0 | | | | |
| Item Des | Jts | Make | Model | OD (in) | Wt (lb/ft) | Grade | Len (ft) |
| KB | 1 | | | | | | 14.00 |
| TUBING HANGER | 1 | | | | | | 0.85 |
| Tubing | 36 | | T&C Upset | 2 3/8 | 4.70 | J-55 | 9,994.88 |
| F-Nipple | 1 | | | 2 3/8 | | | 1.10 |
| Tubing | 1 | | T&C Non-Upset | 2 3/8 | 4.70 | L-80 | 32.73 |
| SHIFT OPEN | 1 | | | 3 1/8 | | | 1.75 |
| BIT | 1 | | | 3 7/8 | | | 0.35 |

| Rod Strings | | | | | | | |
|-----------------|----------|--------------------|------------------|---------|------------|-------|----------|
| Rod Description | Run Date | String Length (ft) | Set Depth (ftKB) | | | | |
| Item Des | Jts | Make | Model | OD (in) | Wt (lb/ft) | Grade | Len (ft) |
| | | | | | | | |