New Tech Engineering
600 17 th Street, Suite 2550 South
Denver, Colorado, 80202

August 20, 2007

Utah Department of Natural Resource
Division of Oil, Gas, and Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt lake City, Utah 84114-5801

Attn:Dustin Doucet
Petroleum Engineer

Ref: Application for Permit to Drill
State Reservation Ridge 42-2 Well
SENE Sec. 2, T11S, R11E
Duchesne County, Utah

Dear Mr. Dustin Doucet

Please find attached the APD for the reference well.

1. State of Utah Form 3 completed.
2. Survey Plats and various maps for the reference well.
3. Detail Drilling Plan for the well.
4. Surface use Plan.
5. Notification Requirements
6. Well Bore Schematic and geological tops.
7. Drilling rig layout on location.
8. BOP configuration & Choke Manifold Configuration
9. Surety Bond copy
10. Cultural Resource Inventory of road and well site Pad – 13 acres were surveyed on the SITLA lands and no cultural resources found on lands.
11. School and Institutional Trust Lands Administration actual mineral lease # ML 48651.
12. Copy of the Application to drill a water well on site Utah Division of Water Rights.

Please find enclosed a complete package for an APD on the above reference well and if there are any questions or problems please call me (303-629-6334) or email me at bpatterson@newtecheng.com .

Williams has a drilling rig under contract to start moving into location the first week of October 2007 hopefully the permit paper's submitted would be ready by that time, if every thing is ok with the Division of Oil, Gas and Mining, thank you for all our help.

Sincerely,

Bruce M. Patterson

Bruce M. Patterson
Chief Engineer w/ New Tech Engineering
Agent for Permits/Engineering to Williams Production RMT Company

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

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL

5. MINERAL LEASE NO:	6. SURFACE:
ML 48651	State

1A. TYPE OF WORK: DRILL ☑ REENTER ☐ DEEPEN ☐

7. IF INDIAN, ALLOTTEE OR TRIBE NAME:

B. TYPE OF WELL: OIL ☐ GAS ☑ OTHER _____ SINGLE ZONE ☐ MULTIPLE ZONE ☒

8. UNIT or CA AGREEMENT NAME:

2. NAME OF OPERATOR:
Williams Production RMT Company

9. WELL NAME and NUMBER:
State Reservation Ridge 42-2

3. ADDRESS OF OPERATOR:
1515 Arapahoe Street, CITY Denver STATE CO ZIP 80202

PHONE NUMBER:
(303) 606-4280

10. FIELD AND POOL, OR WILDCAT:
Wildcat

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 2150' FNL & 786' FEL 529830X 4415808Y 39.89370 -110.65109
AT PROPOSED PRODUCING ZONE: Same as surface

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
SENE 2 11S 11E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE:
33 miles SW of Duchesne- Go 28.7 miles South Hwhy 33 & Turn East on Argyle Canyon g

12. COUNTY:
Duchesne

13. STATE:
UTAH

15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET)	16. NUMBER OF ACRES IN LEASE:	17. NUMBER OF ACRES ASSIGNED TO THIS WELL:
786' from Lease line	669.94	40

18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET)	19. PROPOSED DEPTH:	20. BOND DESCRIPTION:
first well on this lease - miles away from other w	12,000	Bond # 6470876

21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.):	22. APPROXIMATE DATE WORK WILL START:	23. ESTIMATED DURATION:
8064' - ungraded ground level	9/15/2007	30 to 40 days

24. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT			
20"	16"	H-40	65 #/ft	80	Type III Cement	100 sx.	1.15 cuft/sx	15.8 ppg
14-3/4"	9-5/8"	J-55	36 , 40	3,500	Class G -TOC-surf.	1450 sx	L-11ppg,3.8	T-15.ppg,1.1
8-3/4"	7"	N-80	23	7,000	Class G - TOC -3300'	440 sx.	L-13ppg,2.0	T-15.ppg,1.1
6-1/4"	4-1/2"	P-110	11.6	11,000	Class G - TOC - 3300'	1390 sx.	L-11 ppg,3.0	T-14.ppg,1.2

25. **ATTACHMENTS**

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
☐ EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER
☑ COMPLETE DRILLING PLAN
☐ FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Steve Natali TITLE Vice President- Exploration

SIGNATURE Steve Natali DATE 8/20/2007

(This space for State use only)

Approved by the
Utah Division of
Oil, Gas and Mining

RECEIVED
AUG 21 2007
DIV. OF OIL, GAS & MINING

API NUMBER ASSIGNED: 43-013-33758

APPROVAL:

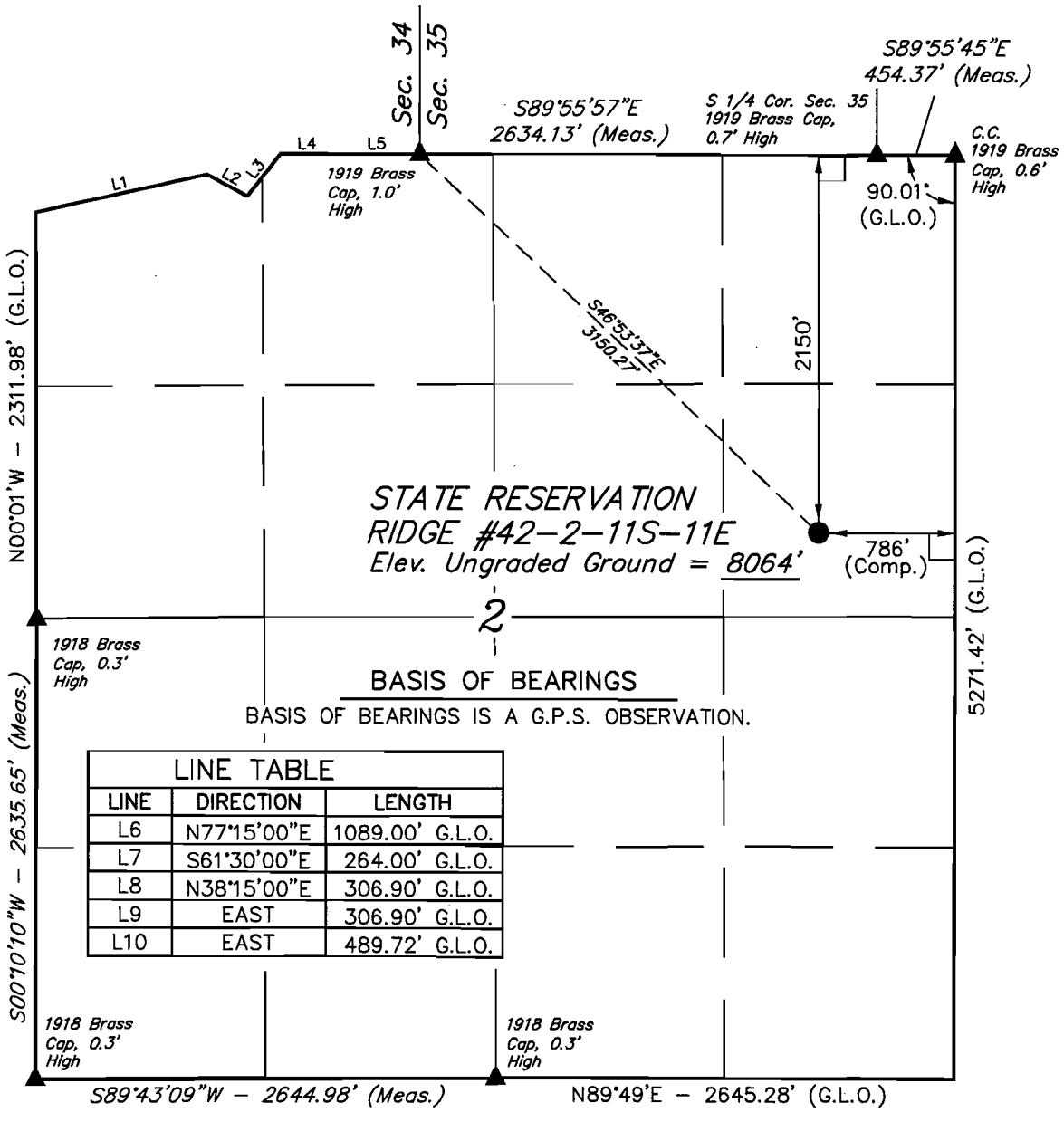
Date: 10-10-07

By:

(See Instructions on Reverse Side)

(11/2001)

T11S, R11E, S.L.B.&M.



LINE TABLE		
LINE	DIRECTION	LENGTH
L6	N77°15'00"E	1089.00' G.L.O.
L7	S61°30'00"E	264.00' G.L.O.
L8	N38°15'00"E	306.90' G.L.O.
L9	EAST	306.90' G.L.O.
L10	EAST	489.72' G.L.O.

LEGEND:

└ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

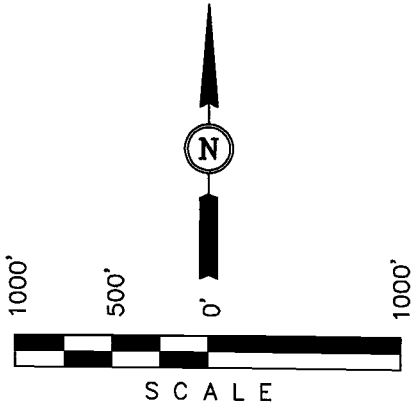
(AUTONOMOUS NAD 83)
LATITUDE = 39°53'37.10" (39.893639)
LONGITUDE = 110°39'06.37" (110.651769)
(AUTONOMOUS NAD 27)
LATITUDE = 39°53'37.14" (39.893650)
LONGITUDE = 110°39'03.84" (110.651067)

WILLIAMS PETROLEUM RMT COMPANY

Well location, STATE RESERVATION RIDGE #42-2-11S-11E, located as shown in the SE 1/4 NE 1/4 of Section 2, T11S, R11E, S.L.B.&M. Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION LOCATED IN THE SE 1/4 OF SECTION 25, T11S, R13E, S.L.B.&M. TAKEN FROM THE WOOD CANYON, QUADRANGLE, UTAH, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6430 FEET.



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.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE: 1" = 1000'	DATE SURVEYED: 07-19-07	DATE DRAWN: 07-25-07
PARTY: D.R. K.A. S.L.	REFERENCES: G.L.O. PLAT	
WEATHER: WARM	FILE: WILLIAMS PETROEUM RMT COMPANY	

DRILLING PLAN
For
Well Name: State Reservation Ridge 42-2-11S11E
« Surf Loc: SE/4NE/4 2150' FNL & 786' FEL Section 2, T11S, R11E
Btm.Hole Loc: Vertical well .
« Section 2-T11S-R11E »
Duchesne County, Utah

1. **Geologic Information**

Geologic Surface Formation: Upper Green River

Estimated Tops of Important Geologic Markers: (Measured Depth)

Formation:	MD	Interval thickness
Ground Level	8064	
Upper Green River	19	14'
M. Green R. (Mahogany Marker)	33	2350'
L. Green River (Castle Peak)	2383'	700'
Ute land Butte	3083'	300'
Wasatch/Colton	3383'	1100'
Flagstaff	4483'	1100'
North Horn	5583'	2100'
Price River	7683'	1200'
U. Castlegate(Bluecastle)	8883'	500'
L. Castlegate	9383'	500'
Blackhawk	9883'	800'
Star Point	10,683'	500'
Mancos	11,183'	300'
TD	11,483'	

Permit TD: 12,000' MD – Anticipated BHP: 5,980 psi.

2. (A) Fresh Water zones may exist in the upper, approximately 1000 ft of the Green River Formation.

(B) Surface casing is anticipated to be set at 3,500 ft. and cement isolation is installed to surface of the well isolating all fresh water zones by cement.

3. **The Type and Characteristics of the Proposed Circulating Muds**:

There will be sufficient mud materials on site to displace the hole at any time.

DEPTH	TYPE	WEIGHT Lbs./GAL	VISCOSITY SEC/QT	FLUID LOSS CC
0 – 3,500 ft	Water/Gel/Polymer	8.4 – 8.8	28-60	N/C
3,500 – 9,000 ft	Water/Anionic Polymer	8.4 – 8.8	30 – 50	N/C
«9,000»-TD	LSND Mud System	8.8 – 10.5.	38 - 50	8-12

4. **The Operator's Minimum Specifications for Pressure Control**:

William's Minimum specifications for pressure control equipment are as follows:

BOP Schematic Diagram attached.

Ram Type: 11" Hydraulic double with annular, ~~3000 psi w.p.~~ 5000 psi

Ram type preventers and associated equipment shall be tested to approve stack working pressure if isolated by test plug or to 70 percent of internal yield pressure of casing. Pressure shall be maintained for at least 10 minutes or until requirements of test are met, whichever is longer. If a test plug is utilized no bleed-off pressure is acceptable. For a test not utilizing a test plug, if a decline in pressure of more than 10 percent in 30 minutes occurs, the test shall be considered to have failed. Valve on casing head below test plug shall be open during test of BOP stack.

As a minimum, the above test shall be performed:

a. When initially installed;
b. Whenever any seal subject to test pressure is broken.
c. Following related repairs; and
d. At 30-day intervals

Valves shall be tested from working pressure side during BOPE tests with all down stream valves open.

When testing the kill line valve(s) the check valve shall be held open or the ball removed.

Pipe and blind rams shall be activated each trip; however, this function need not be performed more than once a day.

A BOPE pit level drill shall be conducted weekly for each drilling crew.

The BOP and related equipment shall meet the minimum Requirements State of Utah, Division of Oil, Gas, and Mining rules and regulations for Blowout preventers for equipment and testing requirements, procedures, etc., and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Pressure tests shall apply to all related well control equipment.

All of the above described tests and/or drills shall be recorded in the drilling log.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a State Field Inspector representative upon request.

BOP system shall be consistent with API RP53. Pressure tests will be conducted before drilling out from under casing strings which have been set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection will be recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The location of hydraulic controls will be at the accumulator and on the rig floor.

The **Utah Division of Oil, Gas and Mining office (801-538-5340) shall be notified, at least 24 hours prior to initiating the pressure test, in order to have a Utah Division of Oil, Gas, and Mining representative on location during pressure testing.**

a. A choke line and a kill line are to be properly installed. The kill line is **not** to be used as a fill-up Line.

b. The accumulator system shall have a pressure capacity to provide for repeated operation of hydraulic preventers.

c. Drill string safety valve(s), to fit all tools in the drill string, are to be maintained on the rig floor while drilling operations are in progress.

5. The Proposed Casing and Cementing Programs:

HOLE SIZE	SETTING DEPTH (INTERVAL)	SECTION LENGTH	SIZE (O.D.)	WEIGHT, GRADE & JOINT	NEW/ USED
14-3/4"	0 – «3500 ft.»	«3500 ft.»	9-5/8 "	40 & 36 #/ft, J-55, ST&C	New
8-3/4" 6-1/4"	«3,300 to 7,000'» 7,000 to TD	«3,700 MD ft» 11,000' MD	7" 4-1/2"	23#/ft, N-80, LT&C-Drlgliner 11.6 #/ft, P-110, LT&C	New/Used New

Design Factors: Tension: 1.5
Collapse: 1.25
Burst: 1.0

Surface water will be protected by the initial surface casing (9-5/8 ") set at ± «3,500 ft.». Initial surface casing will circulate cement back to surface to protect potentially fresh water zones, lost circulation zones, abnormal pressure zones, and prospectively valuable mineral deposits.

Cement Program:

Surface Casing: 9-5/8" casing @ 3,500' (assumes 75% excess)

Lead Slurry: (surf – 2,500' MD) 920 sx Premium Lite Class G Cement + 5% bwow Salt + 10 % bwow Bentonite Gel +1 % Chemicla Extender + .125 % Polyflake + 1 % Calcium Chloride + .2 % Antifoamer + .25 % Cement Fluid Loss Additive (vol. factor, Wt. 3.89 cuft/sx, 11 ppg)

Tail Slurry: (2,500' – 3,500') 530 sx Class "G"+ 1 % bwoc Calcium Chloride + 0.125 lbs/sx Cello flake (Vol factor, wt. 1.15 cuft/sx., 15.8 ppg)

Top out Slurry: (60' – 0) 75 sx Class "G"+ 1 % bwoc Calcium Chloride +.125 lbs/sx Cello flake (Vol factor 1.15 cuft/sx, 15.8.)

Float equipment on Surface Casing:

1-Mannual Fill Guide Shoe, 1 jt. - 9-5/8" casing, 1- 9-5/8" Insert float collar (PDC drillable with lock & latch/anti-Rotation wiper plug receiver). Centralizers 1-10' above shoe, 1 above the insert float collar, and place one centralizer on every 3rd joint to the surface (Total = 31 centralizers).

Contingency Drilling Liner: 7" casing @ *7,000' MD) (assumes 45 % excess)*

Lead Slurry: (3300' – 6500' MD) 335 sx Class G Cement + 2% bwoc Calcium Chloride + 0.125 lbs/sack Cello Flake + 8 % bwoc Bentonite + 5 % bwoc Salt (vol. factor, wt. 2.06 cuft/sx, 12 ppg)

Tail Slurry: (6500' – 7000'MD) 105 sx Class "G"+ .5 % bwoc Calcium Chloride + 0.125 lbs/sx Cello flake (Vol factor, wt. 1.15 cuft/sx., 14.5 ppg)

Float Equipment on the 7" contingency drilling liner:

1- 7"-Mannual Fill guide Shoe, 1 jt. 7" casing, 1-7" Insert float Collar. Centralizers 1-10" above shoe, 1-above the insert Float collar, and place one centralizer every 3rd. joint (Total centralizers - 33).

Production Casing: 4-1/2" casing @ *11,483' MD) (assumes 45 % excess)*

1 st. Stage thru Shoe at 11,000' MD

Lead Slurry: (3,000' – 9,800' MD) 970 sx Premium Lite G Cement + 1% bwoc Chemical Extender + .125 lbs/sack Cello Flake + 12 % bwoc Bentonite + .2 % Antifoamer + (vol. factor, wt. 3.06 cuft/sx, 11.0 ppg)

Tail Slurry: (TD'- 9,800'MD) 420 sx 50:50 Poz:Class "G"+ 2 % bwoc Bentonite Gel + 0.125 lbs/sx Cello flake + .2 % Wide Range Retarder + .2 % Uniflac + .2 % TIC Dispersant(Vol factor, wt.- 1.29 cuft/sx., 14.1 ppg)

Float Equipment on the Production Casing:

1- 4-1/2"-Mannual Fill guide Shoe, 1 jt. 4-1/2 casing, 1-4-1/2" Insert float Collar. Centralizers 1-10" above shoe, 1-above the insert Float collar, and place one centralizer every joint up to 7,100' MD (Total centralizers - 98).

1-4-1/2" ported collar tool at 7,100'MD, place 1- cement basket just 1 jt. Below the ported collar tool, then 1 centralizer 10' above ported collar tool and on the next casing collar above ported collar tool, then every 2 nd joint up to 3300'MD (Total centralizers in 2nd stage- 50).

A two stage cement program could occur if the pay zones are separated far apart. If the pay zone is only in the bottom objectives then a single stage cement program would be used. Premium G High Strength cement would used to get a cement top approximately 7,100 ft. MD.

Premium G High Strength cement would be used to get a cement top approximately 500 feet above the potential pay zone.

The actual cement volumes and additives will be determined on the basis of open hole logs, (caliper log), drilling hole conditions, and field blend testing to confirm thickening, pumping time.

The following shall be entered in the driller's log:

(1) Casing run, including size, grade, weight, and depth set;
(2) How the pipe was cemented, including amount of cement, type, whether cement circulated, location of the cement float equipment, etc.;
(3) Minimum of 8 hrs or greater will be done waiting on cement time for the surface casing;
(4) Surface Casing pressure tests will be completed before drilling out of surface casing shoe, including test pressures and results.

6. Evaluation Program

The anticipated type and amount of testing, logging and coring are as follows:

A.. No drill stem test is anticipated in this well bore. However, if a DST's are run, the following guidelines will be adhered to:

Initial opening of drill stem test tools shall be restricted to daylight hours unless specific approval to start during other hours is obtained from the authorized officer. However, DST's may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if

adequate lighting is available(i.e. lighting which is adequate for visibility and vapor-proof for safe operations). Packers can be released, but tripping shall not begin before daylight, unless prior approval is obtained from the authorized officer. Closed chamber DST's may be accomplished day or night.

A DST that flows to the surface with evidence of hydrocarbons shall be either reversed out of the testing string under controlled surface conditions, or displaced into the formation prior to pulling the test tool. This would involve providing some means for reverse circulation.

Separation equipment required for the anticipated recovery shall be properly installed before a test starts.

All engines within 100 feet of the well bore that are required to "run" during the test shall have spark arresters or water cooled exhausts.

B. Electric Logs/ Coring/ Mudlogging:

1. Surf to 3500' - Surface casing – GR/DIL/CNL/FDC

2. GR/DIL/CNL/FDC, GR/BHC-Sonic/ Caliper, will be run from T.D. to surface casing shoe or if 7"-contingency liner is run then the 1 st logging pass will cover from the 7" liner shoe point to base of surface casing and then 2nd run will be from T.D. to 7" liner shoe point. A GR/ FMI Log will be run from TD to 7,100 feet.

C. No cores are anticipated.

D. The mud loggers will be on the spud of the well at 60' MD to TD.

7. Anticipated Pressure & H2S

a. Estimated bottom hole pressure to be 5980 psig.

b. No hydrogen sulfide gas is anticipated, however if H2S is encountered, the following items will be done.

1. Gas detecting equipment shall be installed in the mud return system for exploratory wells or wells where abnormal pressure is anticipated, and hydrocarbon gas shall be monitored for pore pressure changes.

2. Any unconfined gas, which exceeds 20 ppm H2S gas, produced during testing or swabbing must be separated and flared. There must be a pilot light on all sour gas flares to insure continuous ignition.

3. Warning signs must be place at appropriate entrances onto drilling pad area or facilities for H2S.

4. Proper breathing apparatus must be available and used when working in an H2S environment exceeding 20 ppm.

5. A wind sock will be placed on the tank battery as to be visible from everywhere on the location.

6. All safety equipment will be installed and working prior to entering hydrogen sulfide zones.

7. All flare system shall be designed to gather and burn all gas. The flare line(s) discharge shall be located not less than 100 feet from the wellhead, having straight lines unless turns are targeted with running tees, and shall be positioned downwind of the prevailing wind direction and shall be anchored. The flare system shall have an effective method for ignition. Where noncombustible gas is likely or expected to be vented, the system shall be provided supplemental fuel for ignition and to maintain a continuous flare.

8. Certification

I hereby certify that I, or persons under my direct supervision have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct, and that the work associated with the operations proposed herein will be performed by Williams Production RMT Company and its subcontractors in conformity with this plan and the terms and conditions under which it is approved.

8/20/2007
Date

Steve Natali
Vice President of Exploration
Williams Production RMT Company

SURFACE USE PLAN

Williams Production RMT Company

Well: State Reservation Ridge 42-2-11S-11E Lease No.: ML 48651

SENE, 2150' FNL & 787' FEL (Surface)
(Bottom Hole) same as surface.
Section 2-T11S-R11E - S.L.B. &M. P.M.
Duchesne County, Utah

1. EXISTING ROADS

a. Directions to the location from Duchesne, Utah are as follows:

From the intersection of Duchesne Utah at Intersection State Highway 40 and State Highway 191. Go South on State Highway 191 (33) from intersection go 28.7 miles South on Highway 191. Then come to Argyle Canyon Road and go 5.6 miles East on Argyle Canyon road and then turn north on the lease road and come east on access road .15 miles onto well site pad. Total Miles from Duchesne to well site pad is 34.3 miles.

b. For access roads, see "Topographic Map, TOPO B - Access & Vicinity Map'.

c. All existing roads within a 2-mile radius are shown on above mentioned TOPO A, B, and C.

d. Existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

e. Existing roads and newly constructed roads on surface under the jurisdiction of any Surface Managing Agency shall be maintained in accordance with the standards of the SMA.

f. A right-of-way grant will not be required since all access is located on School and Institutional Trust Lands Administration lands or is located within the lease boundary of the section.

2. ACCESS ROADS TO BE CONSTRUCTED AND RECONSTRUCTED

a. Contact the School and Institutional Trust Lands Administration Office at least 48 hours prior to commencing construction of the access road and well pad.

b. The new access will be approximately 0.15 of a mile (792 ft.) in length.

C. Culverts will be installed where needed to allow existing flow and any created flow to prevent road erosion as well as standing water. The size of culverts will be in accordance with County requirements.

d. Surface disturbance and vehicular travel will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

3. LOCATION OF EXISTING WELLS WITHIN A 1-MILE RADIUS OF THE PROPOSED LOCATION.

See Map TOPO "C"

a. Water Wells - 0

b. Injection or Disposal Wells - 0

c. Producing Wells - 0

d. Drilling Wells - 0

e. APD'd - drilled - WO - 0

f. APD'd - not drilled -0

g. APD'd - expired - 0

h. PA - 0

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES IF THE WELL IS PRODUCTIVE.

a. All permanent structures (onsite for six months or longer) constructed or installed (including oil well pump jacks) will be painted a flat, non-reflective, neutral color to match the standard environmental colors, as determined by the Rocky Mountain Five-State Interagency Committee. The recommended color is Carlsbad Canyon. All facilities will be painted within six months of installation. Facilities required to comply with the occupational Safety and Health Act (OSHA) will be excluded.

b. Compaction and construction of the berms surrounding the tank batteries will be designed to prevent lateral movement of fluids through the utilized materials, prior to storage of fluids. The berms must be constructed to contain a minimum of 110 percent of the storage capacity of the largest tank within the berm. All loading lines will be placed inside the berm. Any production pits will be fenced with at least four (4) strands of barbed wire and held in place by side posts and corner H-braces.

c. New facilities contemplated in the event of production will be authorized via Sundry Notice at that time. It is anticipated that production facilities will be located on the Southwest corner beside the access road onto the pad.

d. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the Utah Division of Oil, Gas and Mining.

e. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed.

f. All new pipelines shall be buried to a minimum depth of 3 feet when possible and at least 4 feet deep beneath roads and drainages.

g. Where possible. new pipelines should parallel access roads and be buried at an offset distance. Any necessary power lines should also parallel roads.

h. Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flow line will be buried from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

i. The oil and gas measurement facilities will be installed on the well location. Oil and gas meters will be calibrated in place prior to any deliveries. The Utah Div. of Oil, Gas and Mining 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 will be submitted to the Utah division of Oil, Gas and Mining. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

j. A schematic facilities diagram as required by Utah Div. Oil, Gas and Mining requirements be submitted to the Utah Oil, Gas and Mining office within 30 days of installation or first production, whichever occurs first. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Utah Division of Oil, Gas and Mining rules.

k. Any venting or flaring of gas will be done in accordance with Notice of Lessees and may need prior approval from the Utah Division of Oil, Gas and Mining office.

l. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in Notice to Lessees will be reported to the Utah Division of Oil, Gas and Mining Office. Major events will 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.

m. All access roads will be upgraded and maintained as necessary to prevent erosion and accommodate year-round traffic.

n. Any necessary pits will be fenced to prevent wildlife entry.

o. Water produced from this well may be disposed of in a lined pit 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 should be submitted along with any necessary water analysis, in compliance with Utah Division of Oil, Gas Mining as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not be 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 the Utah Division of Oil, Gas and Mining office.

p. The reserve pit will be properly backfilled with sufficient fill material so that no depressions will be left when the pit settles.

q. At the request of the surface owner grazing lessee, the reclaimed area will not be fenced, only the reserve pit will be fenced.

5. LOCATION AND TYPE OF WATER SUPPLY

a. The source of water for drilling purposes will be from drilling water well on the location to a shallow depth for use of drilling the well. Currently there has been an application to appropriate water filed to the State of Utah Division of Water Rights for this well. If an alternate water source is located, a Notice will be filed indicating the new source of water.

b. Water will be hauled to the location along the approved access roads.

c. The source of water will be located on School and Institutional Trust Lands Administration lands within the section 2.

d. One water well will be drilled on the well site pad.

6. CONSTRUCTION MATERIALS

a. Surface and subsoil materials in the immediate area will be utilized.

b. No construction materials will be removed from state lands.

c. All surfacing material will be purchased from a commercial source.

d. Any materials to be used which are under State jurisdiction shall be approved in advance.

7. METHODS FOR HANDLING WASTE DISPOSAL

a. Drill cuttings are to be contained and buried in the reserve pit.

b. Trash will be confined in a covered container and hauled to an approved landfill. Burning of waste or oil is not approved, and soil material will be kept on site for re-contouring.

c. Reserve pit fluids will evaporate or authorization for removal and disposal will be requested from the AC prior to backfilling the reserve pit.

d. The salts and/or chemicals which are an integral part of the drilling system will be disposed

e. A chemical porta-toilet will be furnished with the drilling rig and its contents hauled to an approved sanitary landfill. No boreholes will be used for disposal of waste materials.

f. The produced fluids will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas salt water or other produced fluids will be cleaned up and removed.

8. ANCILLARY FACILITIES

No camps, airstrips or other facilities will be necessary.

9. WELLS1TE LAYOUT

a. The rig layout is attached.

b. A cross section of the well pad and cuts and fills are shown on the location layout.

c. The location of reserve pit, trash cage, access roads onto the pad, living facilities, soil material stockpiles and orientation of the rig with respect to the pad and other facilities is shown on the location layout.

d. Excess material from the reserve pit should be placed along the back side of the pit.

e. Topsoil will be stripped to a depth of 6 inches or maximum available and stockpiled as shown on the location plat.

f. A minimum of 2' of free board will be maintained in the reserve pit, between the maximum fluid level and the top of the berm. These pits will be designed to exclude all surface runoff. If a pit liner is not necessary, the 10' bench shown on the cross section will be eliminated.

g. The reserve pit will be fenced on three sides prior to drilling activity and Closed off on the fourth side after drilling is finished. Fencing will be with three strands of

barbed wire. All corners will be braced with a wooden H-type brace. The fence construction will be on cut or undisturbed ground and the fence will be maintained in a livestock tight condition.

h. A silt fence will be installed at the toe of the fill slope to control erosion.

10. PLANS FOR RECLAMATION OF THE SURFACE

a. The Utah Division of Oil, Gas and Mining Office will be notified at least 24 hours prior to commencing reclamation work.

b. Immediately upon completion of drilling, all trash and debris will be collected from the location and surrounding area. All trash and debris will be disposed of in the trash cage and will then be hauled to an approved landfill.

c. The reserve pit fluids will be allowed to evaporate through one entire summer season (June- August) after drilling is completed, unless an alternate method of disposal is approved. After the fluids disappear, the reserve pit muds will be allowed to dry sufficiently to allow backfilling. The backfilling of the reserve pit will be completed within 30 days after dry conditions exist and will meet the following requirements.
   1. Backfilling will be done in such a manner that the muds and associated solids will be confined to the pit and not squeezed out and incorporated in the surface materials.

   2. There will be a minimum of 5 feet of cover (overburden on the pit).

   3. When the work is completed, the pit area will support the weight of heavy equipment without sinking and over time shall not subside over 6-inch depth.

d. Cut and fill slopes will be reshaped to a 3:1 contour.

e. All disturbed areas not necessary for drilling and production operations will be seeded with a seed mixture to be supplied by the surface owner. The seed will be certified as to species and varieties by the seed dealer and shall be certified as free of all noxious weed seed. Copies of the seed certification will be submitted to the Authorized Officer during reseeding.

f. All disturbed areas will be seeded as soon as possible after the cessation of disturbance, depending on the surface Owner's/tenant's schedule.

g. Broadcast or drill seeding will be done depending on the surface owner's wishes.

h. If the well is a producer, the roads will be upgraded and maintained as necessary to prevent soil erosion and accommodate year-round traffic. All areas unnecessary for operations will be reshaped, ripped, disked and reseeded utilizing the approved seed mixture. Some topsoil will be reserved for final reclamation procedures unless the location can be re-contoured to meet final reclamation specifications. Perennial vegetation must be established.

i. If the well is abandoned or a dry hole, the access and location will be restored to blend with the natural topography. During reclamation of the site, fill material will be pushed into cuts and up over the back slope. No depressions will be left that will trap water or form ponds. All topsoil will be distributed evenly over the location and seeded according to the approved seed mixture.

j. All pits, cellars, rat holes and other bore holes unnecessary for further lease operations, excluding the reserve pit, will be backfilled immediately after the drilling rig is released. Pits, cellars and/or bore holes that remain on location must be fenced as specified for the reserve pit.

k. Waste materials will be disposed of as stated in #7 of this Surface Use Plan.

l. The operator will be responsible for the control of any listed-noxious weeds that become established on the ground which has been disturbed as a result of these drilling operations. The method of control will be at the discretion of the surface land owner. A commercial applicator will be required for the application of all chemical weed control measures.

11. SURFACE OWNERSHIP

Well site: State Of Utah through the School and Institutional Trust Lands Administration office located at 675 East 500 South, Suite 500, Salt Lake City, Utah 84102-2818

Mineral Ownership

Township 11 South, Range 11 East, SLB&M
Sec. 2: Lots 1,2,3,4, s1/2N1/2, S1/2(All)
Sec. 12: NW1/4NW1/4

12. OTHER INFORMATION

a. There will be no change from the proposed drilling and/or work over program without prior approval from the Field Manager. Safe drilling and operating practices must be used. All wells, whether drilling, producing, suspended, or abandoned will be identified.

b. "Sundry Notice and Report on Wells" will be filed for approval for all changes of plans and other operations.

c. All contractors employed to perform work on this location will be furnished and have onsite, a copy of the Surface Use Program and a copy of any supplemental conditions.

d. The operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts or fossils. The operator will immediately bring to the attention of the Utah Division of Oil, Gas and Mining Area Manager any and all antiquities or other objects of historic or scientific interest including, but not limited to, historic or prehistoric ruins, artifacts, or fossils discovered as a result of operations under this permit. The operator will immediately suspend all activities in the area of the object and will leave such discoveries intact until told to proceed by the Area Manager. Notice to proceed will be based upon evaluation of the cultural significance of the object. Evaluation will be by a qualified professional selected by the Area Manager from a Federal agency insofar as practical. When not practical, the operator will follow the mitigation requirements set forth by the Area Manager concerning protection, preservation, or disposition of any sites or material discovered. Within 5 working days the Area Manager will inform the operator as to:
-whether the materials appear eligible for the National Register of Historic Places;
-the mitigation measures the operator will likely have to undertake before the sit€ can be used (assuring in situ preservation is not necessary); and, - a time frame for the Area Manager to complete an expedited review. To confirm, through the State Historic Preservation Officer, that the findings of the Area Manager are correct and that mitigation is appropriate.

   If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Area Manager will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, in those situations where the Area Manager determines that mitigation, data recovery and/or salvage excavations are necessary, the operator will bear the cost. The Area Manager will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Area Manager that the required mitigation has been completed, the operator will then be allowed to resume construction.

e. This permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

f. All state and local permits required for proposed operations will be obtained prior to commencing any activity that may be affected by such authorization.

13. LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION

A. Representatives:

Allan Scharf - Sr. Staff Drilling Engineer - Direct Line 303-606-4280
Bruce M Patterson - Regulatory/Engineering Agent for Williams - Direct Line - 303-629-8666 , (Cell) 303-941-7751

Williams Production RMT Company
1515 Arapahoe Street, Tower 3, Suite 1000
Denver, CO 80202
303-572-3900 Main Phone
303-629-8282 Main Fax

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Utah Division of Oil, Gas and Mining, 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 representatives to ensure compliance and shall be on location during all construction and drilling operations.

B. Representative Certification:

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, and I am familiar with the conditions that currently exist; that the statements make 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 by the operator, its contractors, and subcontractors conformity with this plan and the terms and conditions under which is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Steven Natali Date: 8/20/2007

Steve Natali
Vice President- Exploration

Williams Production RMT Company

State Reservation Ridge 42-2
SENE Section 2, T11S, R11E
Duchesne County, Utah

Surface Use Plan

Notification Requirements:

Location Construction: Forty-eight (48) hours prior to construction of location and access road.

Location Completion: Prior to moving on the drilling rig.

Spud Notice: At least twenty-four (24) hours prior to spudding the well.

Casing String & Cementing: Twenty-four (24) hours prior to running casing and cementing.

BOP &Equip Tests: Twenty-four (24) hours prior to running casing and test BOP.

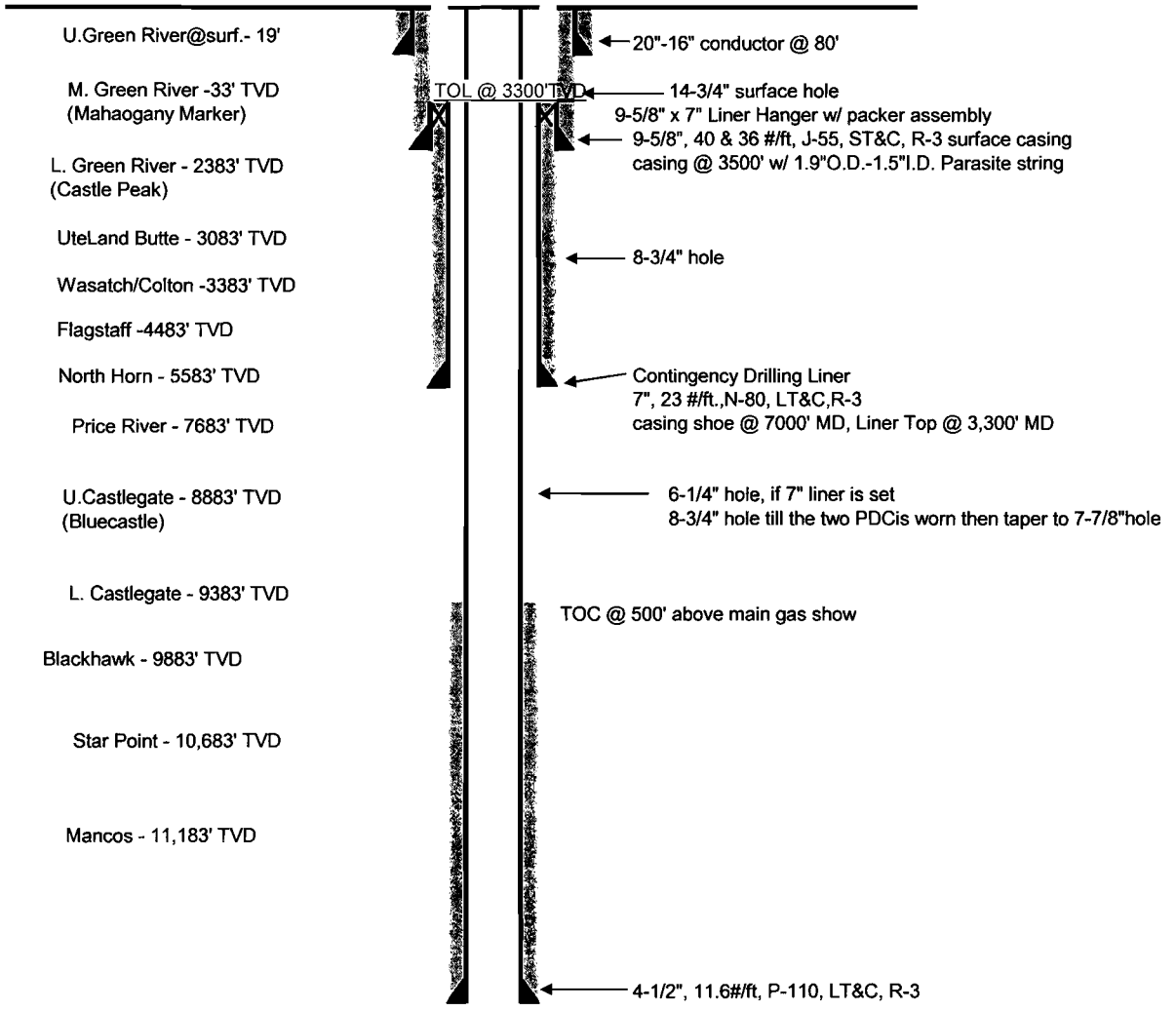
First Production Notice: Within five (5) business days after new well begins or production resumes.

WELLBORE SCHEMATIC

Well Name: State Reservation Ridge 42-2 **Field:** Wildcat

Legal: SENE 2150'FNL&787' FEL **County / State:** Duchesne Co., Utah
Section 2, T11S, R11E, S.L.B.&M.

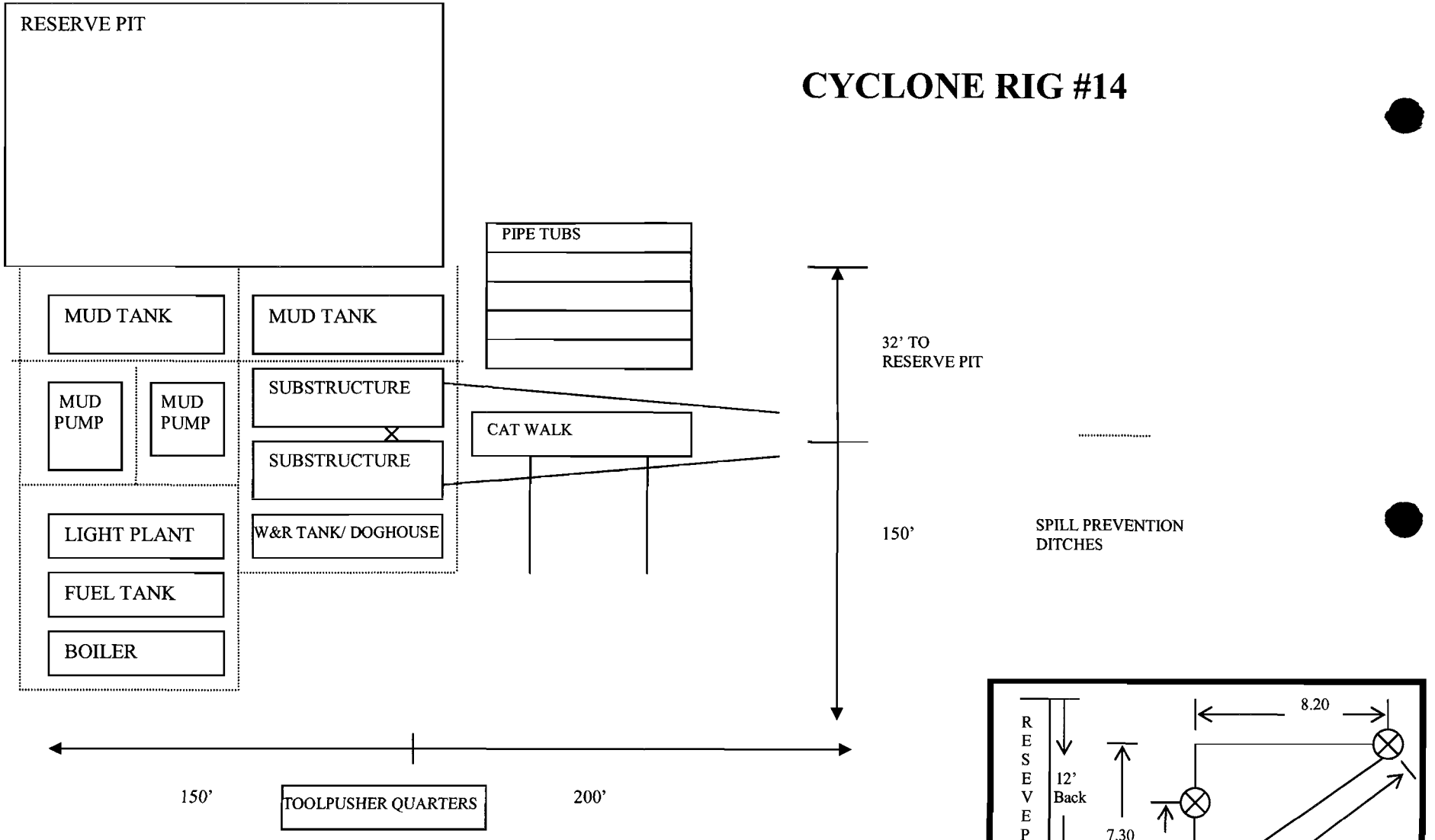
API No.: **GL:** 8064' ungraded
KB:

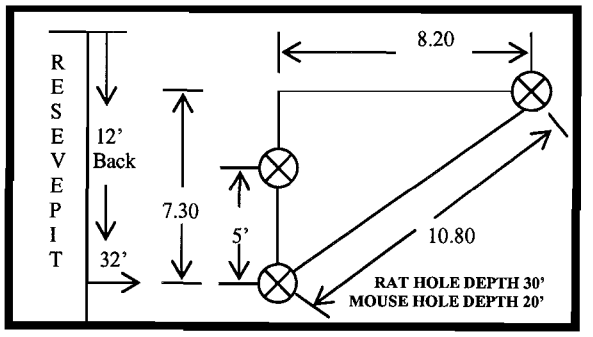


TD: 11,483' MD /TVD

by New Tech Engineering
updated 08/17/07 by BMP

CYCLONE RIG #14





FRONTIER DRILLING

RIG 7

2.

5-M SYSTEM
DRILLING RIG # Frontier Rig 7
DATE

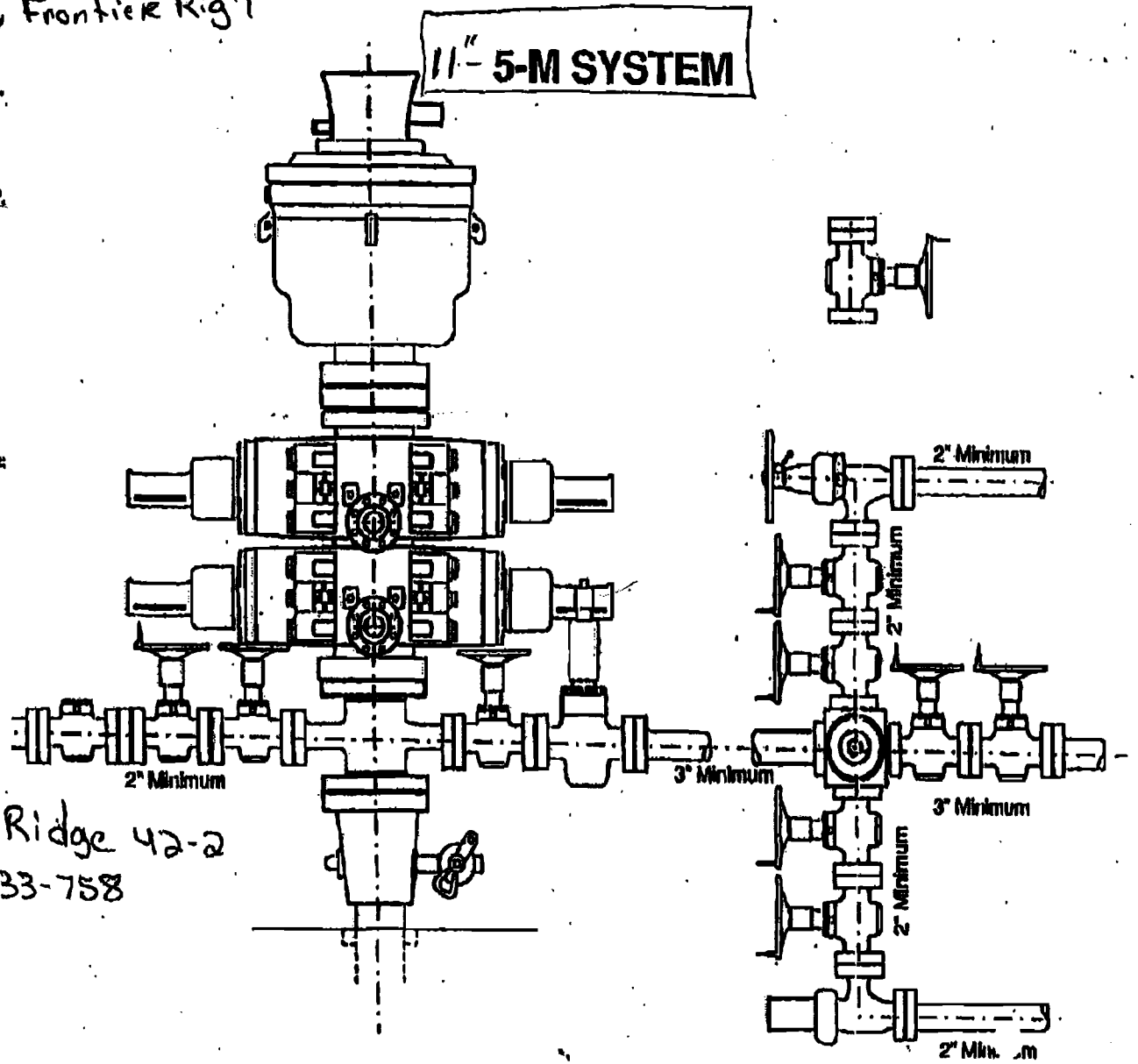
ANNULAR B.O.P.
Make:
Size:
Model:

RAM TYPE B.O.P.
Make:
Size:
Model:

H.C.R. VALVE
Make:
Size:
Model:

ACCUMULATOR
Cal. Capacity:
Working Pressure:

11" 5-M SYSTEM



State Res Ridge 42-2
API 43-013-33-758

W

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

FORM 4A

Bond No. 6470876

SURETY BOND

KNOW ALL MEN BY THESE PRESENTS:

That we (operator name) Williams Production RMT Company, One Williams Center, MD 48-6, Tulsa, OK 74172 as Principal, and

(surety name) Safeco Insurance Company of America as Surety, duly authorized and qualified to do business in the State of Utah, are held and firmly bound unto the State of Utah in the sum of:

One Hundred Twenty Thousand and No/100---------- dollars ($ 120,000.00)

lawful money of the United States, payable to the Director of the Division of Oil, Gas and Mining, as agent of the State of Utah, for the use and benefit of the State of Utah for the faithful payment of which we bind ourselves, our heirs, executors, administrators and successors, jointly and severally by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH THAT, WHEREAS the Principal is or will be engaged in the drilling, redrilling, deepening, repairing, operating, and plugging and abandonment of a well or wells and restoring the well site or sites in the State of Utah for the purposes of oil or gas production and/or the injection and disposal of fluids in connection therewith for the following described land or well:

X Blanket Bond: To cover all wells drilled in the State of Utah

____ Individual Bond: Well No: _____

Section: _____ Township: _____ Range: _____

County: _____, Utah

NOW, THEREFORE, if the above bounden Principal shall comply with all the provisions of the laws of the State of Utah and the rules, orders and requirements of the Board of Oil, Gas and Mining of the State of Utah, including, but not limited to the proper plugging and abandonment of wells and well site restoration, then this obligation is void; otherwise, the same shall be and remain in full force and effect.

IN TESTIMONY WHEREOF, said Principal has hereunto subscribed its name and has caused this instrument to be signed by its duly authorized officers and its corporate or notary seal to be affixed this

9th day of August, 20 07.

(Corporate Seal) Notary Public State of Oklahoma LINDA SHARPE TULSA COUNTY COMMISSION #0106956 Comm. Exp. 10-09-2009

Attested: Linda Sharpe Date: 8-9-07

By Williams Production RMT Company
Principal (company name)

Beverly Utter Attorney-In-Fact
Name (print) Title

Beverly Utter
Signature

IN TESTIMONY WHEREOF, said Surety has caused this instrument to be signed by its duly authorized officers and its corporate or notary seal to be affixed this

9th day of August, 20 07.

(Corporate or Notary Seal here)

Attested: Elizabeth Rhodes Date: 8/9/07

By Safeco Insurance Company of America
Surety Company (Attach Power of Attorney)

Melissa Haddick, Attorney-in-fact
Name (print) Title

Melissa Haddick
Signature

P O Box 34526
Surety Mailing Address

Seattle, WA 98124-1526
City State Zip

(5/2002)

Safeco.

POWER OF ATTORNEY

Safeco Insurance Companies
PO Box 34526
Seattle, WA 98124-1526

No. 5713

KNOW ALL BY THESE PRESENTS:

That **SAFECO INSURANCE COMPANY OF AMERICA** and **GENERAL INSURANCE COMPANY OF AMERICA**, each a Washington corporation, does each hereby appoint

**********DONALD R. GIBSON; MELISSA HADDICK; JACQUELINE KIRK; JOE MARTINEZ; TANNIS MATTSON; TERRI MORRISON; SANDRA PARKER; CURTIS WILLEFORD; Houston, Texas**********

its true and lawful attorney(s)-in-fact, with full authority to execute on its behalf fidelity and surety bonds or undertakings and other documents of a similar character issued in the course of its business, and to bind the respective company thereby.

IN WITNESS WHEREOF, SAFECO INSURANCE COMPANY OF AMERICA and GENERAL INSURANCE COMPANY OF AMERICA have each executed and attested these presents

this 3rd day of August, 2005

Stephanie Daley-Watson

STEPHANIE DALEY-WATSON, SECRETARY

MIKE PETERS, PRESIDENT, SURETY

CERTIFICATE

Extract from the By-Laws of **SAFECO INSURANCE COMPANY OF AMERICA** and of **GENERAL INSURANCE COMPANY OF AMERICA:**

"Article V, Section 13. - FIDELITY AND SURETY BONDS ... the President, any Vice President, the Secretary, and any Assistant Vice President appointed for that purpose by the officer in charge of surety operations, shall each have authority to appoint individuals as attorneys-in-fact or under other appropriate titles with authority to execute on behalf of the company fidelity and surety bonds and other documents of similar character issued by the company in the course of its business... On any instrument making or evidencing such appointment, the signatures may be affixed by facsimile. On any instrument conferring such authority or on any bond or undertaking of the company, the seal, or a facsimile thereof, may be impressed or affixed or in any other manner reproduced; provided, however, that the seal shall not be necessary to the validity of any such instrument or undertaking."

Extract from a Resolution of the Board of Directors of **SAFECO INSURANCE COMPANY OF AMERICA** and of **GENERAL INSURANCE COMPANY OF AMERICA** adopted July 28, 1970.

"On any certificate executed by the Secretary or an assistant secretary of the Company setting out,

(I) The provisions of Article V, Section 13 of the By-Laws, and
(II) A copy of the power-of-attorney appointment, executed pursuant thereto, and
(III) Certifying that said power-of-attorney appointment is in full force and effect,

the signature of the certifying officer may be by facsimile, and the seal of the Company may be a facsimile thereof."

I, Stephanie Daley-Watson, Secretary of **SAFECO INSURANCE COMPANY OF AMERICA** and of **GENERAL INSURANCE COMPANY OF AMERICA**, do hereby certify that the foregoing extracts of the By-Laws and of a Resolution of the Board of Directors of these corporations, and of a Power of Attorney issued pursuant thereto, are true and correct, and that both the By-Laws, the Resolution and the Power of Attorney are still in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the facsimile seal of said corporation

this 9th day of August, 2007

SAFECO INSURANCE COMPANY OF AMERICA CORPORATE SEAL 1953 STATE OF WASHINGTON

GENERAL INSURANCE COMPANY OF AMERICA CORPORATE SEAL 1923 State of Washington

Stephanie Daley-Watson

STEPHANIE DALEY-WATSON, SECRETARY

S-0974/DS 4/05

WEB PDF

LIMITED POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, that Williams Production RMT Company, a Delaware corporation, having its principal place of business at One Williams Center, Tulsa, Oklahoma, hereinafter referred to as the "Company", does hereby make, constitute and appoint DAVID ENSMINGER, LENORE DUBALDO, SHARON QUIMBY and BEVERLY UTTER, with the full authority hereinafter provided, the true and lawful "Attorneys-in-Fact" of the Company, authorized and empowered on behalf of the Company and in the Company's name, and for the sole and exclusive benefit of the Company and not on behalf of any other person, corporation or association, in whole or in part, to commit the Company under all surety bonds which are used in the ordinary course of business by the Company, giving and granting, individually, unto said Attorneys-in-Fact full and complete power and authority to bind the Company as fully and to the same extent as if signed by the duly authorized officers of the Company; and all the facts of said Attorneys-in-Fact, pursuant to the authority hereby given, are hereby ratified and confirmed, with the qualification that said authority to act shall terminate on December 31, 2007 and shall be expressly limited for the purpose as herein stated.

IN WITNESS WHEREOF, Williams Production RMT Company has caused its name to be subscribed and its corporate seal to be affixed this 9 day of August, 20 07.

Attest:

Brian K. Shore
Secretary

Williams Production RMT Company

By: _____
Ralph A. Hill
Chairman of the Board and
Senior Vice President

CERTIFICATE

I, the undersigned, Corporate Secretary of Williams Production RMT Company, do hereby certify that the original Power of Attorney of which the foregoing is a full, true and correct copy is in full force and effect on the date of this Certificate, and the Chairman of the Board who executed the said Limited Power of Attorney was and is a duly elected officer of Williams Production RMT Company.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the Corporate Seal of Williams Production RMT Company to these presents this 9 day of August, 20 07.

[SEAL]

Brian K. Shore
Secretary

MONTGOMERY
ARCHAEOLOGICAL
CONSULTANTS

Box 219, 322 East 100 South, Moab, Utah 84532 (435) 259-5764 Fax (435) 259-5608

August 4, 2007

Mr. Bruce Patterson
Newtech Engineering
600 17th Street
Suite 2550 South Tower
Denver, Colorado 80202

Dear Mr. Patterson,

Enclosed please find a copy of the report entitled "Cultural Resource Inventory of Williams Production's Proposed Well Location State Reservation Ridge #42-2-11S-11E (Township 11S, Range 11E, Section 2) Duchesne County, Utah." The inventory resulted in the location of no cultural resources. Based on these findings, a determination of "no historic properties affected" is recommended for the undertaking pursuant to Section 106, CFR 800.

If you have any comments or questions, please call me.

Sincerely,

Keith R Montgomery

Keith R. Montgomery
Principal Investigator

cc: Mr. Alan Scharf, Williams Production RMT Company
Ms. Kristine Curry, SITLA
Dr. Matthew Seddon, SHPO

CULTURAL RESOURCE INVENTORY OF
WILLIAMS PRODUCTION'S PROPOSED WELL LOCATION
STATE RESERVATION RIDGE #42-2-11S-11E
(TOWNSHIP 11S, RANGE 11E, SECTION 2)
DUCHESNE COUNTY, UTAH

Jacki A. Montgomery

CULTURAL RESOURCE INVENTORY OF WILLIAMS PRODUCTION'S PROPOSED WELL LOCATION STATE RESERVATION RIDGE #42-2-11S-11E (TOWNSHIP 11S, RANGE 11E, SECTION 2) DUCHESNE COUNTY, UTAH

By:

Jacki A. Montgomery

Prepared For:

State of Utah
School and Institutional
Trust Lands Administration

Prepared Under Contract With:

Williams Production RMT Co.
1515 Arapaho Street
Tower 3 Suite 1000
Denver, Colorado

Prepared By:

Montgomery Archaeological Consultants, Inc.
P.O. Box 219
Moab, Utah 84532

August 4, 2007

MOAC Report No. 07-287

United States Department of Interior (FLPMA)
Permit No. 07-UT-60122

State of Utah Public Lands Policy
Archaeological Survey Permit No. 117

State of Utah Antiquities Project (Survey)
Permit No. U-07-MQ-0938s

INTRODUCTION

A cultural resource inventory was conducted by Montgomery Archaeological Consultants, Inc. (MOAC) in August 2007 of Williams Production's proposed State Reservation Ridge #42-2-11S-11E well location with associated access/pipeline route. The project area is located northeast of the town of Helper, in Argyle Canyon, Duchesne County, Utah. The survey was implemented at the request of Mr. Bruce Patterson on behalf of Williams Production RMT Company, Denver, Colorado. The project occurs on State of Utah School and Institutional Trust Lands Administration (SITLA) property.

The objective of the inventory was to locate, document, and evaluate any cultural resources within the project area in order to comply with Section 106 of 36 CFR 800, the National Historic Preservation Act of 1966 (as amended). Also, the inventory was implemented to attain compliance with a number of federal and state mandates, including the National Environmental Policy Act of 1969, the Archaeological and Historic Conservation Act of 1972, the Archaeological Resources Protection Act of 1979, the American Indian Religious Freedom Act of 1978, and the Utah State Antiquities Act of 1973 (amended 1990).

The fieldwork was performed on August 2, 2007 by Keith Montgomery (Principal Investigator). The inventory was conducted under the auspices of U.S.D.I. (FLPMA) Permit No. 07-UT-60122, State of Utah Public Lands Policy Archaeological Survey Permit No. 117, and State of Utah Antiquities Permit (Survey) No. U-07-MQ-0938s issued to Montgomery Archaeological Consultants, Inc., Moab, Utah.

A file search was performed by Marty Thomas at the Utah Division of State History on August 1, 2007. This consultation indicated that no previous cultural resource inventories have been conducted in the area.

DESCRIPTION OF PROJECT AREA

The inventory area is located in Argyle Canyon along the southern foothills of the Badland Cliffs, Duchesne County, Utah (Figure 1). Williams Production's proposed State Reservation Ridge #42-2-11S-11E well location occurs in the SE/NE quarter of Section 2, Township 11 South, Range 11 East. A total of 13 acres was surveyed on SITLA land.

In general the area lies within the Uinta Basin physiographic unit, a distinctly bowl-shaped geologic structure (Stokes 1986:231). The Uinta Basin ecosystem is within the Green River drainage, considered to be the northernmost extension of the Colorado Plateau. The area is characterized by steep-sided narrow ridges and benches dissected by intermittent drainages. Geologically, the project area is composed of the Eocene age Green River Formation, a lacustrine deposit containing claystone, sandstone, and carbonate beds in a variety of colors. Elevation of the project area averages 8200 ft asl. The primary vegetation community is sagebrush with a pinyon-juniper woodland covering the canyon slopes. Modern disturbances include livestock grazing and roads.

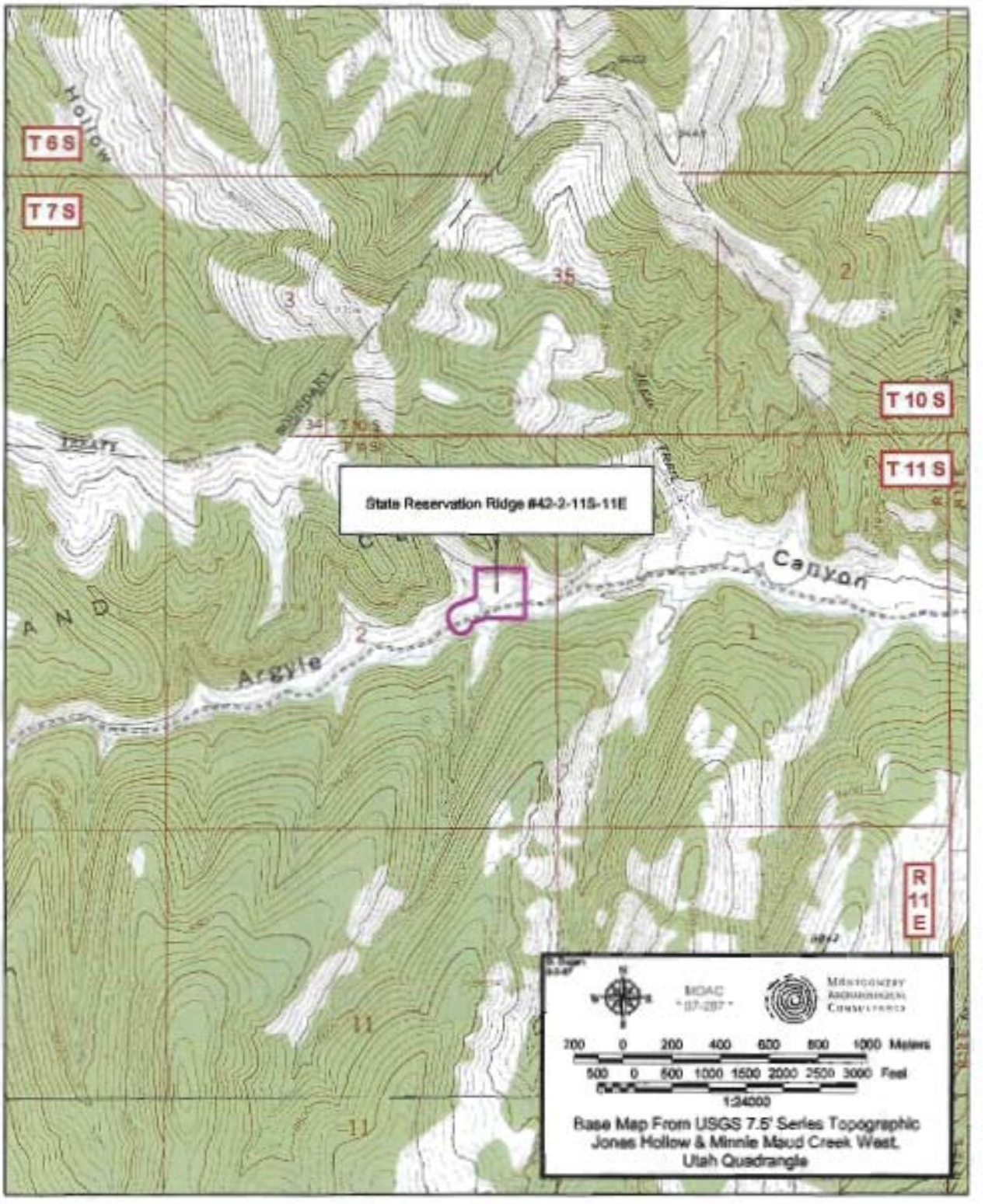


Figure 1. Williams Production's Proposed State Reservation Ridge #42-2-11S-11E, Duchesne County, Utah.

SURVEY METHODOLOGY

An intensive pedestrian survey was performed for this project which is considered 100% coverage. At the proposed well location, a 10 acre square parcel was defined, centered on the well pad center stake. The interior of the well location was examined for cultural resources by the archaeologist walking parallel transects spaced no more than 10 m (33 ft) apart. The associated access/pipeline corridors were surveyed to a width of 61 m (200 ft) by employing the same methods as above. Ground visibility was considered fair. A total of 13 acres was inventoried for cultural resources on SITLA land.

RESULTS AND RECOMMENDATIONS

The inventory of Williams Production's proposed State Reservation Ridge #42-2-11S-11E well location with associated access/pipeline route resulted in the location of no cultural resources. Based on these findings, a determination of "no historic properties affected" is recommended for the undertaking pursuant to Section 106, CFR 800.

REFERENCES CITED

Stokes, W.L.
1986 *Geology of Utah*. Utah Museum of Natural History and Utah Geological and Mineral Survey, University of Utah, Salt Lake City.

LES ARTICULAR ATTENTION IS CALLED
TO SECTION 18 OF THIS LEASE

12/83

SITLA FORM

PROOF READ BHP

MINERAL LEASE NUMBER ML 48651

MINERAL LEASE APPLICATION NO. 48651

GRANT: SCH: 629.94
MH: 40.00

OIL, GAS, AND HYDROCARBON LEASE

THIS UTAH STATE MINERAL LEASE AND AGREEMENT entered into and executed in duplicate as of the 31st day of January, 20 01, by and between the STATE OF UTAH, acting by and through the SCHOOL AND INSTITUTIONAL TRUST LANDS ADMINISTRATION, with its offices located at 675 East 500 South, Suite 500, Salt Lake City, Utah 84102-2818, hereinafter called the "LESSOR," and

KATHI HANSON
P.O. BOX 3020
CHEYENNE, WY 82003

hereinafter called the "LESSEE", whether one or more.

WITNESSETH:

SECTION 1. RIGHTS OF LESSEE

That Lessor, in consideration of the rents and royalties to be paid and the covenants and agreements contained herein and to be performed by Lessee, does hereby grant and lease to Lessee the following described tract of land in the County of Duchesne State of Utah, to-wit:

TOWNSHIP 11 SOUTH, RANGE 11 EAST, SLB&M
Sec. 2: Lots 1, 2, 3, 4, S½N½, S½ (All)
Sec. 12: NW¼NW¼ 40

containing 669.94 acres, more or less, for the purposes and with the exclusive rights of prospecting for, of mining for, of excavating, quarrying, or stripmining for and/or drilling for oil, natural gas, elaterite, ozocerite, other hydrocarbons (whether the same be found in solid, semisolid, liquid, vaporous or any other form) including tar, bitumen, asphaltum, and maltha, other gases (whether combustible or non-combustible), sulphur, (except the metallic sulphide such as pyrite, marcasite and chalcopyrite) and associated substances of whatever kind or nature and whether or not similar to those hereinabove-mentioned but excluding ocal and oil shale (the hydrocarbons and

other materials granted hereby being hereinafter collectively called "said substances") and producing, taking, and removing such substances from the above described lands, the Lessee to have the rights to construct and maintain on said lands all works, buildings, plants, waterways, roads, communication lines, pipelines, reservoirs, tanks, pumping stations, or other structures necessary to the full enjoyment thereof, subject, however, to the conditions hereinafter set forth.

SECTION 2. TERM OF LEASE

This lease unless terminated at an earlier date as hereinafter provided, shall be for a primary term of ten years from and after the first day of the month next succeeding the date of issuance hereof and so long after the primary term as:

(a) Said substances are being produced in paying quantities from the leased premises or lands pooled or unitized with or constituting an approved mining or drilling unit in respect to the leased premises; or

(b) The Lessee pays the actual production royalty as prescribed in this lease on said substances produced from the leased premises or if production of said substances has not been commenced on the leased lands and all or a portion of the leased lands are included in a participating area of an approved pooled or unitized area Lessee pays production royalty on the portion of the produced leased substances assigned to this lease from the participating area; or

(c) The Lessee is engaged in diligent operations, exploration, research or development activity which is reasonably calculated to advance development or production of said substances from the leased premises or lands pooled or unitized with or constituting a mining or drilling unit in respect to the leased premises; and

(d) Lessee pays a minimum royalty equal to three times the annual rental as provided in Section 3 of this lease.

In respect to the duration of the term of this lease, gas shall be deemed to be produced in paying quantities from any shut-in gas well on the leased lands which is capable of producing gas in paying quantities whenever and at such times as such gas cannot be reasonably marketed at a reasonable price by reason of existing marketing or transportation conditions: provided, however, that Lessee shall pay to the State an additional rental equal to the annual rental payable by such Lessee under the terms of the lease, said rental to be paid on or before the annual rental paying date next ensuing after the date said well was shut-in, on or before said rental date thereafter. Upon the commencement or marketing of gas from said well or wells, the royalty paid for the lease year in which the gas is first marketed shall be credited upon the rental payable as provided hereunder to the State for such year.

The phrase "produced in paying quantities" as used in this lease shall mean the production of said substances from the above-described lands in an amount which is sufficient during each lease year to yield a minimum royalty payment to Lessor equal to at least $1.50 per acre for all acres of land held by Lessee under this lease.

SECTION 3. ANNUAL RENTAL

Lessee agrees to pay to Lessor annually in advance as rental the sum of One Dollar ($1.00) per acre or fractional part thereof, per annum for the primary term of this lease(ten years) and if this lease is extended beyond the primary term as provided in Section 2, the sum of two dollars ($2.00) for the 11th thru the 15th year and the sum of three ($3.00) for the 16th thru the 20th year. Rental will be paid for each year in advance on or before the first day of the month following the anniversary date of this lease, except the rental for the first year which has been paid with the application for this lease.

SECTION 4. ROYALTIES

(a) Lessee agrees to pay to Lessor a royalty of twelve and one-half (12½) percent of the oil produced, saved and sold from the leased premises; or at the option of Lessor, to pay to Lessor the cash value of such royalty. When paid in money, the royalty shall be calculated upon the reasonable market value of the oil at the well, including any subsidy or extra payment which the Lessee, or any successors in interest thereto, may receive, without regard to whether such subsidy or extra payment shall be made in the nature of money or other consideration, and, in no event shall the royalties be based upon a market value less than that used by the United States in the computation of royalties, if any, paid by this lessee to the United States of America on oil of like grade and gravity produced in the same field. When Lessor elects to take royalty oil in kind, such royalty oil shall be delivered on the premises where produced without cost to Lessor at such time and in such tanks provided by Lessee as may reasonably be required by Lessor, but in no event shall Lessee be required to hold royalty oil in storage beyond the last day of the calendar month next following the calendar month in which the oil was produced. Lessee shall not be responsible or be held liable for the loss or destruction of royalty oil in storage from causes under which Lessee has no control. For royalty purposes, the word "oil" shall mean crude petroleum oil and any other hydrocarbons, regardless of gravities, which are produced at the well in liquid form, provided, however, oil produced from a reservoir with zero or near zero initial shut-in pressure shall bear the royalty rate specified in Section 4(c).

(b) Gas - Lessee agrees to pay to Lessor a royalty of twelve and one-half (12½) percent of the reasonable market value at the well of all gas produced and saved or sold from the leased premises. Where gas is sold under a contract, and such contract has been approved in whole or conditionally by the Lessor, the reasonable market value of such gas for the purpose of determining the royalties payable hereunder, shall be the price at which the production is sold, provided that in no event shall the price for gas be less than that received by the United States of America for its royalties from gas of like grade and quality from the same field; provided, however, the reasonable market value of processed or manufactured or extracted products for the purpose of computing royalty hereunder, shall be the value after deducting the costs of processing, extracting, or manufacturing, except that the deduction deducting the costs of processing, extracting, or manufacturing may not exceed 2/3 of the amount of the gross of any such products without approval by the Lessor and, provided further, that the market value of extracted, processed, or manufactured products used in the computation of royalties hereunder shall not be less than the value used by the United States in its computation of royalties on similar products resulting from production of like grade and quality in the same field.

(c) Other Substances - For the first ten years of commercial production, Lessee agrees to pay Lessor a royalty of six and one-fourth (6¼%) of the reasonable market value of all other hydrocarbon substances which are produced from a reservoir where the initial shut-in pressure is zero or near zero which in the discretion of the School

and Institutional Trust Lands Administration indicated the absence of sufficient motive force for the leased substances to enter the well bore, and where the said substances cannot be produced except by mining or removing the host rock or require the application of heat and/or solvents to remove the hydrocarbon substances from the host rock into the well bore or other form of catch trap or basin. The royalty may, at the discretion of Lessor, be increased after the first ten years of commercial production at a rate not to exceed one percent (1%) per annum until a maximum of 12½% is reached; provided, however, notwithstanding the foregoing, the royalty which Lessee shall pay at any time under this lease may, after notice and hearing, be fixed by Lessor up to the highest royalty rate then being paid, but in any event not to exceed 12½% by a Lessee producing from the same general area, reservoir, or deposit.

(d) Sulphur - Lessee agrees to pay Lessor 12½ percent of the reasonable market value of all sulphur which Lessee shall produce, save, or sell from the leased premises.

The basis for computing the reasonable market value of substances covered in this (c) and (d) shall be as follows:

(I) If the substances are sold under a bonafide contract of sale, the amount of money or its equivalent actually received from the sale of the substances less reasonable costs, if any, of transporting the substances from the place where extracted to the place where, under the contract of sale, the leased substances are to be delivered, shall be regarded as the reasonable market value.

(ii) If the lease substances extracted are treated at a mill, smelter, processing plant or reduction works which received the substances from independent sources and which is owned or controlled by the same interest owning or controlling the mine, such treatment shall be treated as a sale within the meaning of this section for the purpose of determining market value, and in such event a rate or charge for sampling, assaying, milling, smelting or refining the leased substances therefrom shall be deducted, which shall not exceed an amount to be determined by applying the same rates as are applied by such mill, smelter, or reduction works or competing works on ores of substantially like characteristics and like quantities received from independent sources. In the event of controversy, the Lessor shall have the power to determine such rates and charges. Transportation charges may also be deducted as provided in subdivision (I) hereof.

(iii) If a mill or other reduction works is operated exclusively in connection with a mine, such mill or reduction works shall be treated as a part of the mine, and the costs of operating the mill or reduction works shall, for the purpose of fixing the royalty set forth in this lease, be regarded as part of the costs of mining, and the proportionate cost of assaying, sampling, smelting, refining, and transportation only shall be deducted as herein provided.

(e) Time of Payment - All royalty on production during any calendar month shall be due and payable by Lessee to Lessor not later than the last day of the calendar month following that in which produced.

(f) Lessor agrees that upon request by the Lessee and after notice and hearings, upon good cause shown, the annual rental and/or the royalty rates specified in this lease may be reduced at the discretion of Lessor. However, upon the reduction of said rates, Lessee agrees that Lessor shall have the right to reduce all outstanding overriding royalty interest proportionately.

Lessor may at its option take its royalty gas in kind at the well heads, provided expressly that Lessee shall be under no obligation to furnish any storage facilities for royalty gas.

SECTION 5. RIGHTS RESERVED TO LESSOR - The Lessor expressly reserves:

(a) Easements and Rights of Way - The right to permit for joint or several use in a manner which will not unreasonably interfere with Lessee's operations hereunder, such easements or rights of way upon, through or in the land hereby leased as may be necessary or appropriate to the workings of other lands belonging to the Lessor containing mineral deposits or to the working of the land hereby leased for other than the hereby leased substances, and for other public purposes.

(b) Surface Disposition - Leasing for Other Deposits - The right to use, lease, sell, or otherwise dispose of the surface of said hereby leased lands, or any part thereof, under existing State laws, subject to the rights herein granted and insofar as in the judgment of the Lessor, said surface is not necessary for the use of the Lessee in the exercise of the rights granted Lessee hereunder; and also the right to lease mineral deposits, other than the hereby leased substances, which may be contained in said hereby leased lands.

(c) Unitization - The right, with the consent of the Lessee, to commit the hereby leased lands to a unit or cooperative plan of development and to establish, alter or change the drilling, producing and royalty requirements and term of this lease to conform thereunto.

(d) Production Control - The right to alter or modify the quantity and rate of production to the end that waste may be eliminated or that production may conform to the Lessee's fair share of allowable production under any system of state of national curtailment and proration authorized by law.

SECTION 6. DRILLING AND DEVELOPMENT PROVISIONS PERTAINING TO OIL AND GAS OPERATIONS

(a) Offset Wells - Subject to the rights of surrender as provided in this lease, Lessee shall protect the oil and gas under the leased premises from drainage from adjacent lands or leases, and the Lessor expressly reserves the right to require the commencement, completion, and operation of a well or wells necessary for the protection of the leased premises from adjacent lands or leases.

(b) Diligence - Proper Operations - Lessee agrees:

(1) After discovery and subject to the right of surrender herein provided, to exercise reasonable diligence in producing oil and gas and in the drilling and operating of wells on the land covered hereby, unless consent to suspend operations temporarily is granted by the Lessor; and

(2) To carry on all operations hereunder in a good workmanlike manner in accordance with approved methods and practices, having due regard for the prevention of waste of oil and gas, or the entrance of water to the oil or gas bearing sands or strata, to the destruction or injury of such deposits, to the preservation and conservation of the property for future productive operations, and to the health and safety of workmen and employees; and

(3) To take every reasonable precaution to prevent water from migrating from one stratum to any other and to protect and water-bearing stratum from contamination; and

(4) To securely and properly plug in an approved manner any well before abandoning it; and

(5) To drill any well in conformity with law and with the rules and regulations of the Utah Board of Oil, Gas, and Mining; and

(6) To conduct all operations subject to the inspection of the Lessor and to carry out at the Lessee's expense all reasonable orders and requirements of the Lessor relative to the prevention of waste and preservation of the property, and the health and safety of workmen; and on failure of the Lessee so to do, the Lessor shall have the right, together with other recourse herein provided, to enter on the property to repair damages or prevent waste at the Lessee's expense; and

(7) To conduct all operations under this lease in accordance with the Lessor's rules and regulations governing exploration for and production of oil and gas which are now in force, and with such reasonable rules and regulations as hereafter may be adopted by the Lessor; and

(8) To reimburse the owner or Lessee of the surface of the leased premises for actual damages thereto and to improvements thereon resulting from Lessee's operations hereunder, provided that Lessee shall not be held responsible for acts of providence or occurrences beyond Lessee's control.

(9) Whenever operations for the drilling for oil and gas are planned on Lessor's lands, no special notice need be filed so long as the required notices are filed with the Division of Oil, Gas, and Mining and a copy of ~~said~~ notice is filed with Lessor. When a drill site is located on Lessor's lands, any topsoil which is removed will be stockpiled on the site and will be redistributed on the site at the completion of operations and the land reseeded with grasses and/or native plants by Lessee or operator as prescribed by Lessor. All mud pits will be filled and material and debris will be removed from the site at the completion of operations.

SECTION 7. BOND

Lessee agrees at the time of commencement of operations to furnish a bond with an approved corporate surety company authorized to transact business in the State of Utah, or such other surety as may be acceptable to the Lessor, in the penal sum of not less than Five Thousand Dollars ($5,000.00) conditioned upon the payment of all moneys, rentals, and royalties accruing to the Lessor under their terms hereof, and upon the full compliance with all other terms and conditions of this lease and the Rules and Regulations relating hereto, and also conditioned on the payment of all damages to the surface and improvements thereon where the lease covers lands, the surface of which has been sold or otherwise leased. Such bond or bonds furnished prior to the development of the lands contained in this lease may be increased in such reasonable amounts as the Lessor may decide after discovery of said substances.

The Lessor may waive the provision of this section, as to this lease, upon the furnishing of a blanket bond by Lessee extending to and including Lessee's operations hereunder.

SECTION 8. LOGS - REPORTS - MAPS

Lessee agrees to keep a log in a form approved by the Board of Oil, Gas and Mining, of each well drilled by Lessee on the leased lands and agrees to file the same, together with such reports, maps and supplements as may be required, with said Commission. Lessee also agrees to furnish Lessor copies of such logs, reports and any other information which Lessor may request from time to time.

SECTION 9. NOTICE OF WATER ENCOUNTERED

In the drilling of wells under authority of this lease, all water-bearing strata shall be noted in the log and Lessee shall promptly give notice to Lessor when water has been encountered and such notice shall include an estimate of the possible amount of flow of said water and whether or not the water is fresh water.

SECTION 10. DEFAULT OF LESSEE

Upon failure or default of the Lessee to comply with any of the conditions or covenants herein, the Lessor may cancel this lease and such cancellation shall extend to and include all rights granted hereunder as to the whole of the tract hereinabove described, but shall not extend to nor affect the rights of this Lessee under other leases or partial assignments of this lease which have been approved by Lessor upon which no default has been made, provided, however, that in the event of any default by Lessee, Lessor shall, before cancellation, send a notice of intention to cancel said lease to the Lessee by registered or certified return receipt mail addressed to post office address of said Lessee as first hereinabove stated or as shown by the records of the Lessor, which notice shall specify the default for which cancellation is to be made, and, if within thirty (30) days from the date of mailing said notice, Lessee has not remedied the violation or rectified the condition specified and notified Lessor thereof in writing, Lessor may thereupon cancel the lease without further notice to Lessee.

SECTION 11. OPERATION REQUIREMENTS - PREVENTION OF WASTE

Lessee covenants that no waste shall be committed on the land and agrees to develop and produce said substances which are susceptible of production with reasonable care and skill and in conformity with all applicable laws of the United States and the State of Utah, and the rules and regulations of the School and Institutional Trust Lands Administration, now in effect or hereafter promulgated, and to carry on all mining, extractions, reducing, refining, and other operations on or below the surface of the earth by safe and economically feasible methods and practices and to take all proper and reasonable steps and precautions to prevent waste of or damages to said substances or other mineral deposits on said land. Should Lessee elect to dump waste products upon the leased lands Lessee shall secure Lessor's consent as to the situs and manner of maintenance of the waste dump; it being understood that Lessor contemplates designating the manner of operation and maintenance of a waste dump so that the land used for dumping of waste will be suitable for other uses. Lessee shall not fence any watering place upon the leased lands

without prior approval of Lessor, nor shall Lessee permit or contribute to the pollution of waters useful for domestic or agricultural purposes.

In those instances where strip or open-pit mining operations or other operations which will disturb the surface of Lessor's lands are utilized, Lessor may require rehabilitation of the surface of the disturbed area. At least 30 days prior to commencement, Lessee will submit to Lessor plans for such operations. Lessor will at the time outline the rehabilitation program required by lessor for the particular property in question. In all cases the Lessee must agree to slope the side of all excavations to a ratio of not more than one foot (1') vertically for each two feet (2') of horizontal distance unless otherwise approved by Lessor prior to commencement of operations. Such sloping is to become a normal part of the operation of the leased premises so as to keep pace with such operation to the extent that such operation shall not at any time constitute a hazard. Whenever practicable, all pits or excavations shall be shaped to drain, and in no case shall the pits or excavations be allowed to become a hazard to persons or livestock. All material mined, but not removed from the premises, is to be used to fill the pits and leveled, unless consent of the Lessor to do otherwise is obtained so that at the termination of the lease the land will as nearly as practicable approximate its original configuration. The Lessee or operator must strike off the peaks and ridges of spoil banks to a width satisfactory to the School and Institutional Trust Lands Administration, Lessor may require that all topsoil in the affected area shall be removed and stockpiled until the completion of operations when in its opinion such action is justified. Upon completion of operations, the stockpiled topsoil will be redistributed on the affected area, and the land reseeded with grasses and/or native plants by Lessee as prescribed by Lessor.

SECTION 12. MAPS AND REPORTS

Where Lessee conducts mining operations under this lease, Lessee agrees to keep clear, accurate and detailed maps on tracing cloth, on a scale of not more than fifty (50) feet to the inch, of Lessee's working in each section of leased lands, oriented to a public land corner so that the maps can be readily and correctly superimposed, and to furnish to the Lessor annually, or upon demand, certified copies of such maps and any written reports of operations as Lessor may call for.

SECTION 13. IMPROVEMENTS AND REMOVAL OF SAME

Upon termination of this lease for any cause, the Lessee, upon payment of all amounts due Lessor, shall remove from the leased premises all property (including fixtures), machinery, equipment, and supplies. The leased land shall be surrendered in good usable condition in as near the natural condition of the land as is reasonably practical.

SECTION 14. LESSOR'S RIGHT OF ACCESS TO LEASED PREMISES AND LESSEE'S RECORDS

Lessor, its officers and agents, shall have the right at all reasonable times to go in and upon the leased lands and premises during the term of the lease to inspect the work done thereon and the progress thereof, and the products obtained therefrom, and to post any notice on the said lands that it may deem fit and proper. Lessee shall permit any authorized representative of the Lessor to examine all books and records pertaining to operations and royalties payable to Lessor under the lease, and to make copies of any extracts from such books and records if desired.

SECTION 15. SURRENDER BY LESSEE

Lessee may surrender this lease for cancellation by Lessor as to all or any part of the leased lands, but not less than a quarter-quarter section or surveyed lot, upon payment of all rentals, royalties, and other amounts due Lessor and by filing with the Lessor a written relinquishment. The relinquishment shall be effective as to future rental liability on the date of cancellation by Lessor.

SECTION 16. WATER RIGHTS

If the Lessor shall initiate or establish any water rights upon the leased premises, such right shall become an appurtenance of the leased premises, and, upon the termination of the lease, shall become the property of the Lessor.

SECTION 17. DISCOVERY OF OTHER MINERALS

Upon such notification of the Lessee to the Lessor, the Lessee shall have 60 days in which to request that the Lessor issue a lease on the newly discovered mineral substances in line with the form of lease and regular rules and regulations of the School and Institutional Trust Lands Administration regarding such mineral substances.

SECTION 18. FAILURE OF LESSOR'S TITLE

It is understood and agreed that this lease is issued only under such title as the State of Utah may now have or hereafter acquire, and that the Lessor shall not be liable for any damages sustained by the Lessee, nor shall the Lessee be entitled to or claim any refund of rentals or royalties theretofore paid to the Lessor in the event the Lessor does not have the title to the minerals in the leased lands. If Lessor owns less than the entire and undivided fee simple estate in the leased minerals for which royalty is payable, then the royalties herein provided shall be paid the Lessor only in the proportion which its interest bears to said whole and undivided fee simple estate in the said minerals for which royalty is payable.

SECTION 19. TRANSFERS OF INTEREST BY LESSEE

There shall be no assignment of this lease, nor of any interest therein, nor any sublease or operating agreement as to the leased lands, nor any portion thereof, unless and until such assignment, transfer, sublease or operating agreement is approved by the Lessor. Any such instrument shall be filed with Lessor within ninety days from the date of final execution thereof, and when and provided it is approved by the Lessor, shall take effect as of the date of its execution. Any assignment or sub-lease made without such approval shall be void ab initio. Subject to the necessity of approval as herein set out, all of the terms, covenants, conditions, and obligations of this lease shall extend to and shall be binding upon the successor in interest of the Lessee. The Lessee further agrees not to enter into any agreements limiting, restricting, prorating, or otherwise affecting the natural production from said lands in any way or in any event without the prior written consent of the Lessor.

SECTION 20. NOTICES

All notices herein provided to be given or which may be given by either party to the other, except as otherwise provided by law, shall be deemed to have been fully given when made in writing and deposited in the United States mail, postage prepaid, and addressed to the last known address of the parties.

SECTION 21. INTEREST

Interest shall accrue and be payable on all obligations arising under this lease at such rate as may be set from time to time by rule enacted by Lessor. Interest shall accrue and be payable, without necessity of demand, from the date each such obligation shall arise.

SECTION 22. CONSENT TO SUIT

Lessee consents to suit in the courts of the State of Utah in any dispute arising under the terms of this lease or as a result of operations carried on under this lease. Service of process in any such action is hereby agreed to be sufficient if sent by registered mail to the Lessee at the last known address appearing on Lessor's records.

SECTION 23. ATTORNEY'S FEES

In the event Lessor shall institute and prevail in any action or suit for the enforcement of any provision of this lease, Lessee will pay to Lessor a reasonable attorneys fee on account thereof.

IN WITNESS WHEREOF, the parties have hereunto subscribed their names the day and year first above written.

THE STATE OF UTAH, acting by and through the SCHOOL AND INSTITUTIONAL TRUST LANDS ADMINISTRATION

DAVID T. TERRY, DIRECTOR

By _____
LAVONNE J. GARRISON, ASSISTANT DIRECTOR/OIL & GAS
School & Institutional Trust Lands Administration - LESSOR

APPROVED AS TO FORM
MARK L. SHURTLEFF
ATTORNEY GENERAL

By _____

Form Approved: January 2, 2001

_____

_____
LESSEE

STATE OF UTAH)
COUNTY OF SALT LAKE)

On the 21st day of March, 2001, personally appeared before me LAVONNE J. GARRISON, who being by me duly sworn did say that she is the Assistant Director/Minerals of the School and Institutional Trust Lands Administration of the State of Utah and the signer of the above instrument, who duly acknowledged that he executed the same.

Given under my hand and seal this 21st day of March, 2001.

Becky Pritchett
NOTARY PUBLIC, residing at: SLC UT

My Commission Expires: 9-4-02

BECKY PRITCHETT
NOTARY PUBLIC • STATE of UTAH
675 EAST 500 SOUTH, SUITE 500
SALT LAKE CITY, UTAH 84102
COMM. EXP. 9-4-02

STATE OF ~~UTAH~~) Wyoming
COUNTY OF) Laramie

On the 28th day of February, 2001, personally appeared before me Kathi Hanson, signer of the above instrument, who duly acknowledged to me that she executed the same.

Given under my hand and seal this 28th day of February, 2001.

DONNA M. O'DONNELL - NOTARY PUBLIC
COUNTY OF LARAMIE STATE OF WYOMING
MY COMMISSION EXPIRES JUL. 16, 2003

Donna M. O'Donnell
NOTARY PUBLIC, residing at: Cheyenne, WY

My Commission Expires:

STATE OF UTAH)
COUNTY OF)

On the _____ day of _____, 20_____, personally appeared before me _____, who being duly sworn did say that he is an officer of _____ and that said instrument was signed in behalf of said corporation by resolution of its Board of Directors, and said _____ acknowledged to me that said corporation executed the same.

Given under my hand and seal this _____ day of _____, 20_____.

_____
NOTARY PUBLIC, residing at:

My Commission Expires:

WILLIAMS PRODUCTION RMT CO.

STATE RESERVATION RIDGE #42-2-11S-11E

LOCATED IN DUCHESNE COUNTY, UTAH
SECTION 2, T11S, R11E, S.L.B.&M.

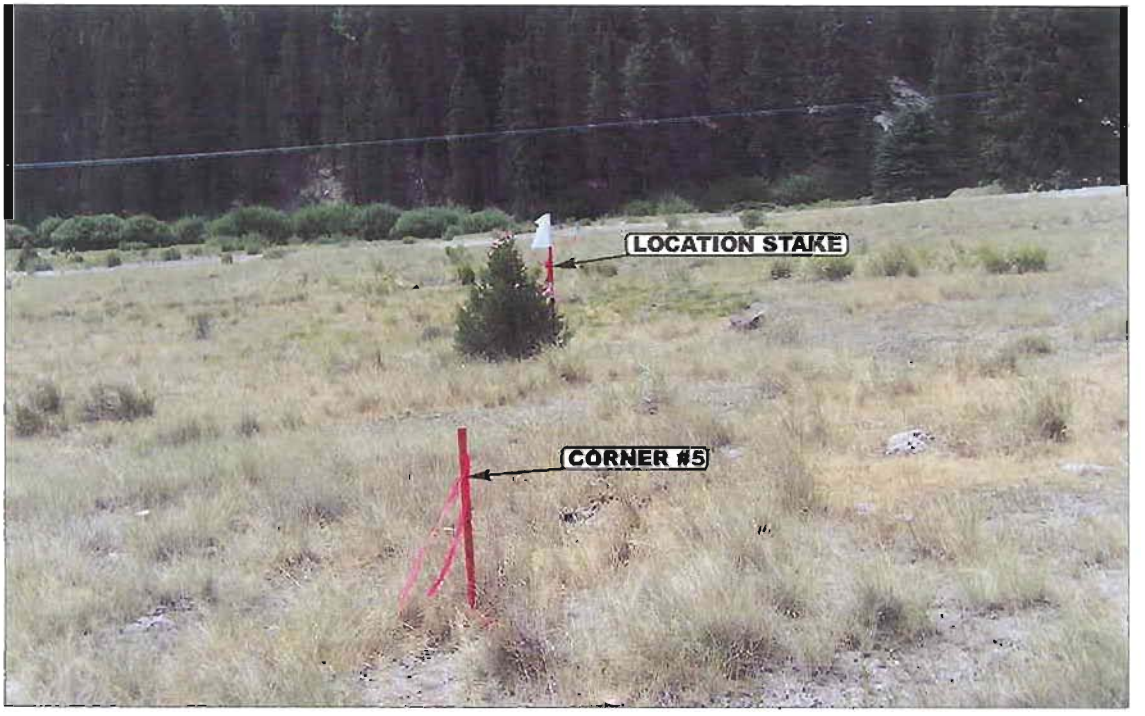


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE — CAMERA ANGLE: SOUTHEASTERLY

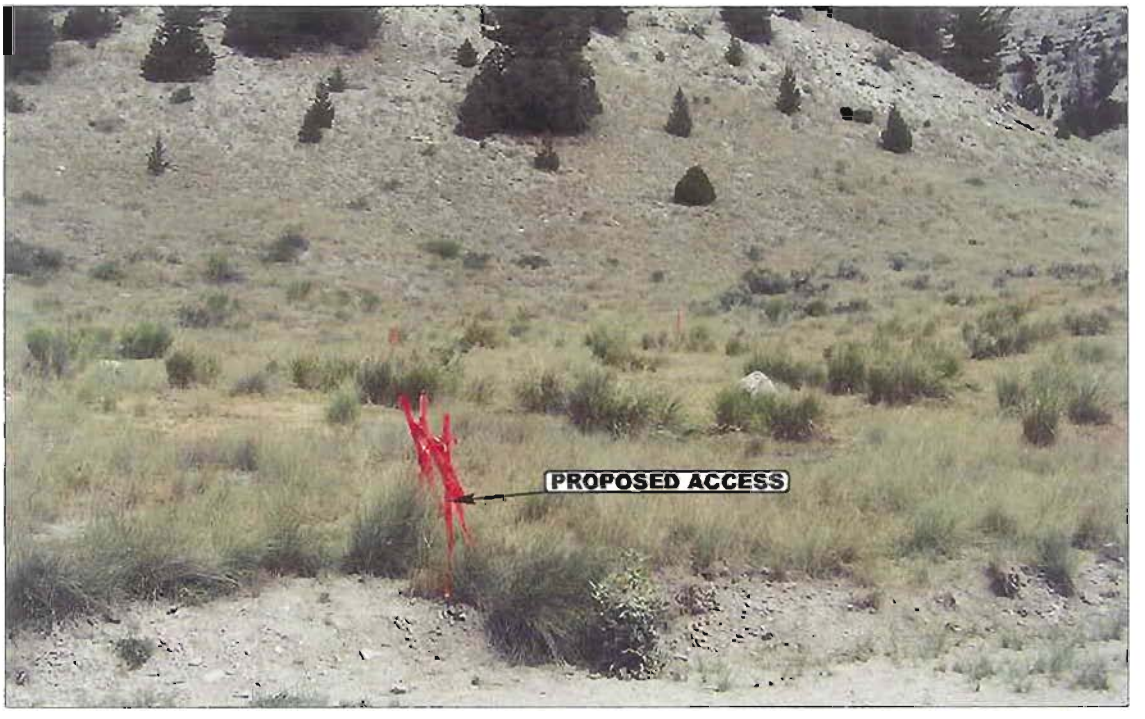


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS — CAMERA ANGLE: NORTHWESTERLY

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

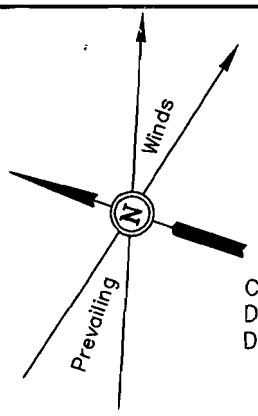
Since 1964

LOCATION PHOTOS	07 MONTH	31 DAY	07 YEAR	PHOTO
TAKEN BY: D.R.	DRAWN BY: C.P.	REVISED: 00-00-00		

WILLIAMS PRODUCTION RMT COMPANY

LOCATION LAYOUT FOR

STATE RESERVATION RIDGE #42-2-11S-11E
SECTION 2, T11S, R11E, S.L.B.&M.
2150' FNL 786' FEL



SCALE: 1" = 50'
DATE: 07-25-07
Drawn By: S.L.

CONSTRUCT DIVERSION DITCH

C-1.4'
El. 64.9'

Topsoil Stockpile

F-20.9'
El. 42.6'

Sta. 3+25

Round Corners as Needed

F-7.1'
El. 56.4'

Pit Topsoil

Approx. Top of Cut Slope

Reserve Pit Backfill & Spoils Stockpile

NOTE:
Flare Pit is to be located a min. of 100' from the Well Head.

CATWALK

PIPE RACKS

FLARE PIT

C-4.7'
El. 68.2'

C-0.4'
El. 63.9'

DOG HOUSE

Sta. 1+75

RIG

C-5.3'
El. 68.8'

MUD TANKS

WATER

TRAILER

F-14.2'
El. 49.3'

PUMP

TOILET

MUD SHED

HOPPER

FUEL

Approx. Toe of Fill Slope

POWER

TOOLS

FUEL

STORAGE TANK

Sta. 0+50

El. 85.3'
C-33.8'
(btm. pit)

80'

40'

150'

140'

175'

50'

10' WIDE BENCH

SLOPE = 1-1/2 : 1

Total Pit Capacity W/2' of Freeboard = 12,640 Bbls.±
Total Pit Volume = 3,410 Cu. Yds

RESERVE PITS (12' Deep)

TRASH

El. 82.1'
C-30.6'
(btm. pit)

El. 73.5'
C-10.0'

C-10.2'
El. 73.7'

Sta. 0+00

Top of Bank

Reserve Pit Backfill & Spoils Stockpile

C-13.2'
El. 76.7'

F-7.2'
El. 56.3'

Proposed Access Road

Existing Drainage

Elev. Ungraded Ground at Location Stake = 8063.9'
Elev. Graded Ground at Location Stake = 8063.5'

REGISTERED LAND SURVEYOR
No. 161319
ROBERT L. KAY
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

WILLIAMS PRODUCTION RMT COMPANY

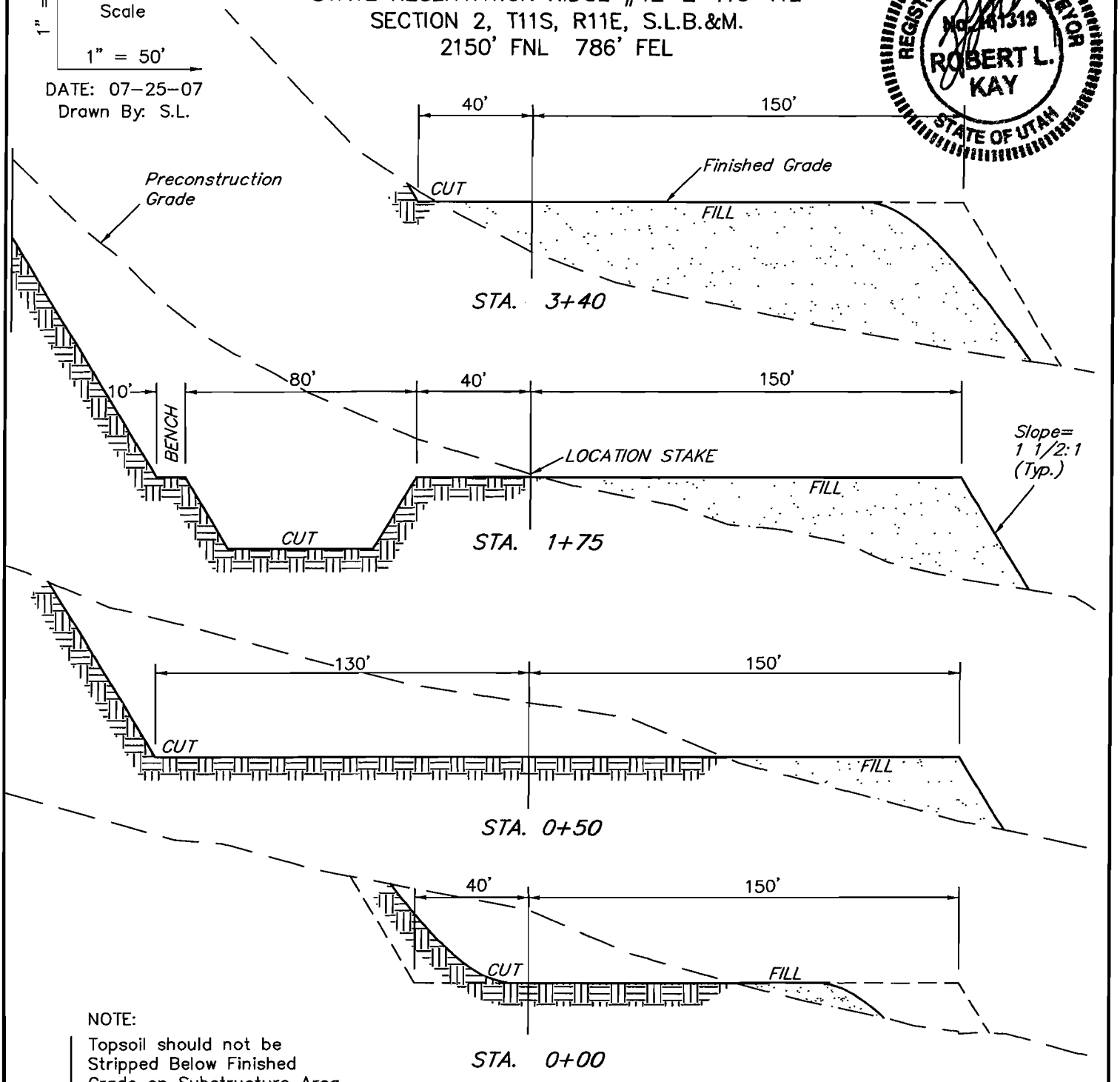
TYPICAL CROSS SECTIONS FOR

STATE RESERVATION RIDGE #42-2-11S-11E
SECTION 2, T11S, R11E, S.L.B.&M.
2150' FNL 786' FEL

1" = 20'
X-Section Scale
1" = 50'

DATE: 07-25-07
Drawn By: S.L.

REGISTERED LAND SURVEYOR
No. 161319
ROBERT L. KAY
STATE OF UTAH



NOTE:
Topsoil should not be Stripped Below Finished Grade on Substructure Area.

* NOTE:
FILL QUANTITY INCLUDES 5% FOR COMPACTION

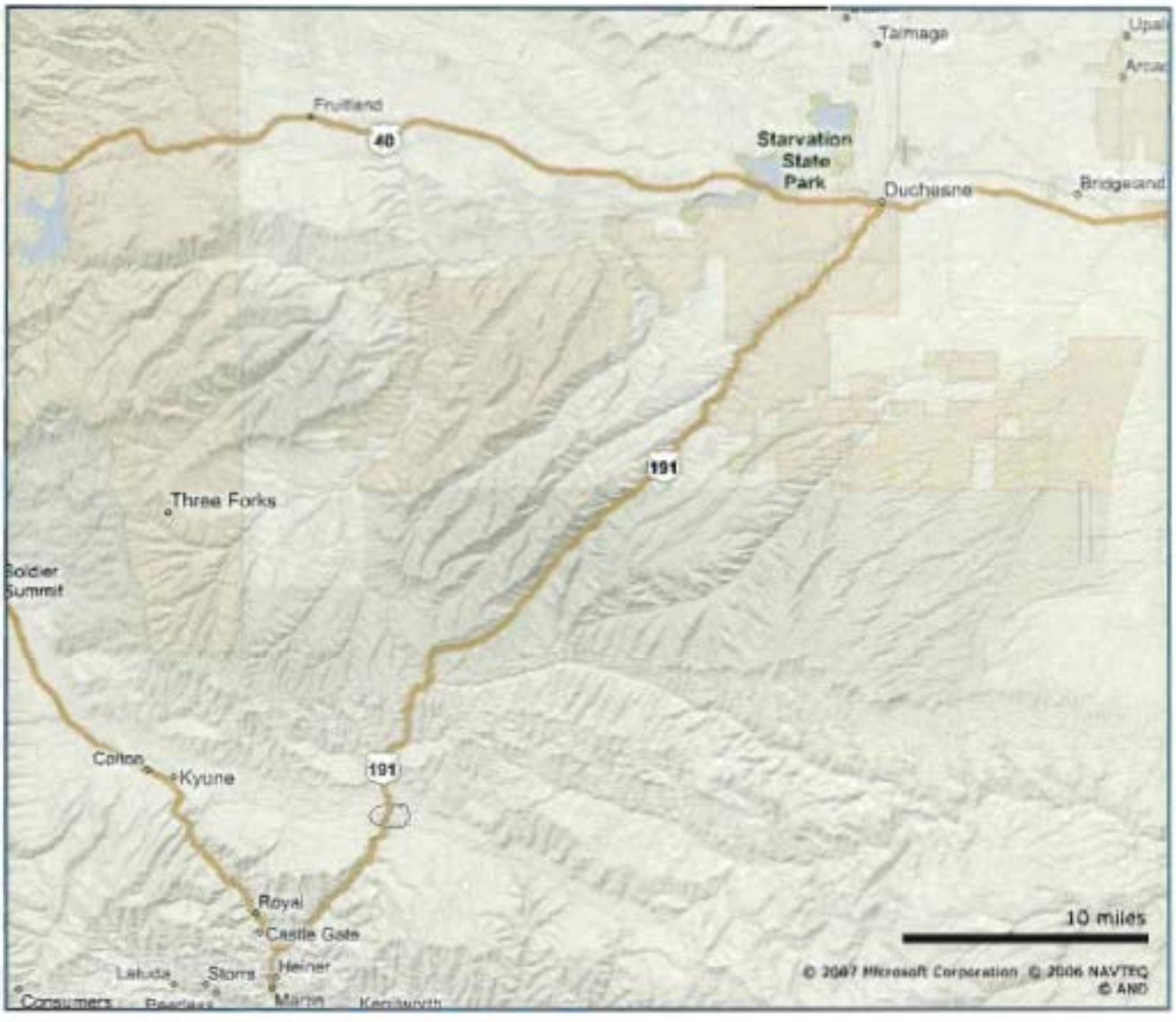
APPROXIMATE YARDAGES

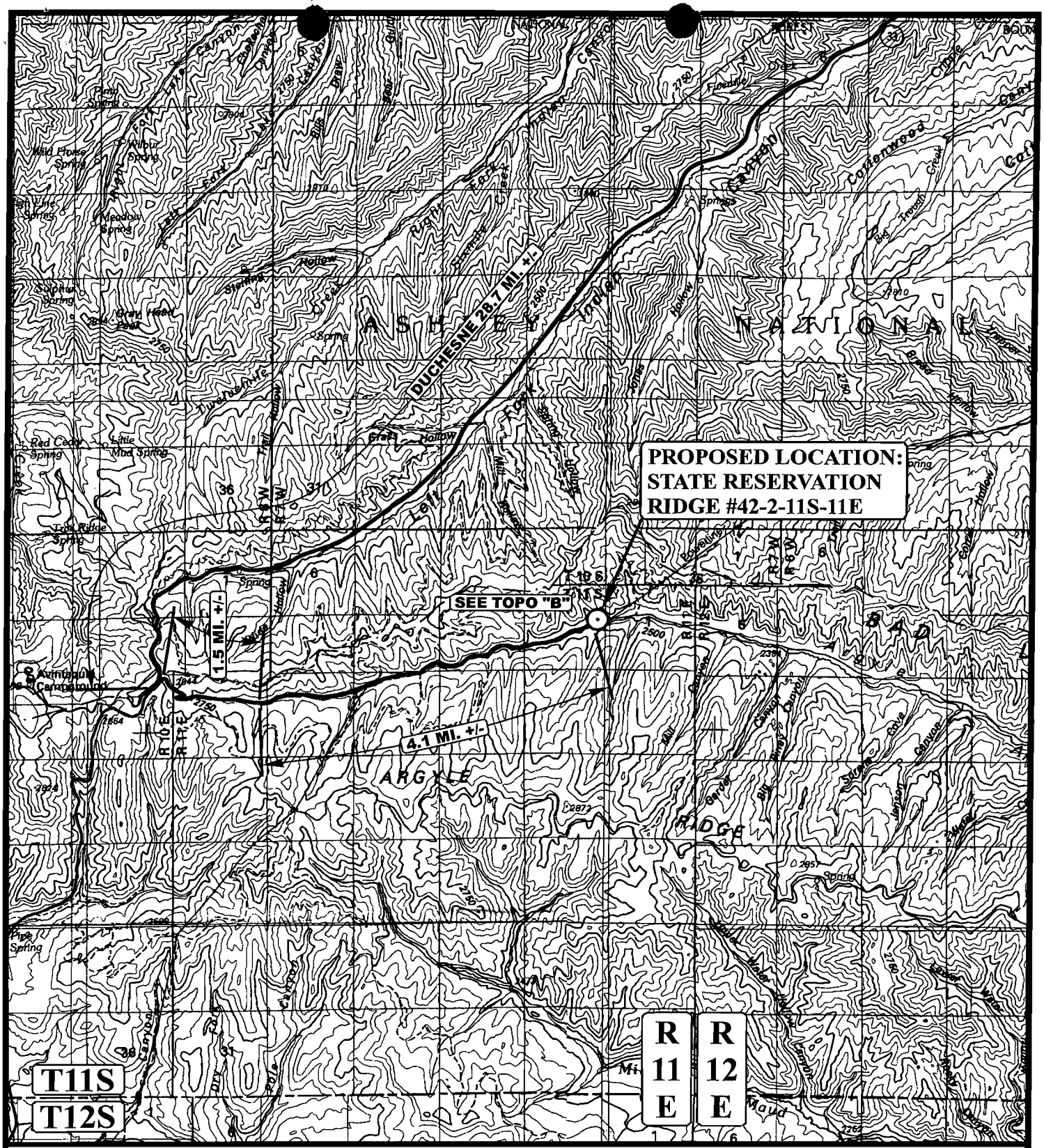
(6") Topsoil Stripping	=	2,220 Cu. Yds.
Remaining Location	=	20,230 Cu. Yds.
TOTAL CUT	=	22,450 CU.YDS.
FILL	=	18,520 CU.YDS.

EXCESS MATERIAL	=	3,930 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	3,930 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	=	0 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

Live Search


Talmage
Fruitland
40
Starvation State Park
Duchesne
Bridgeland
191
Three Forks
Soldier Summit
Colton
Kyune
191
Royal
Castle Gate
Helper
Storrs
Lakuda
Consumers
Kenilworth
10 miles
© 2007 Microsoft Corporation © 2006 NAVTEQ © AND



LEGEND:

⊙ PROPOSED LOCATION

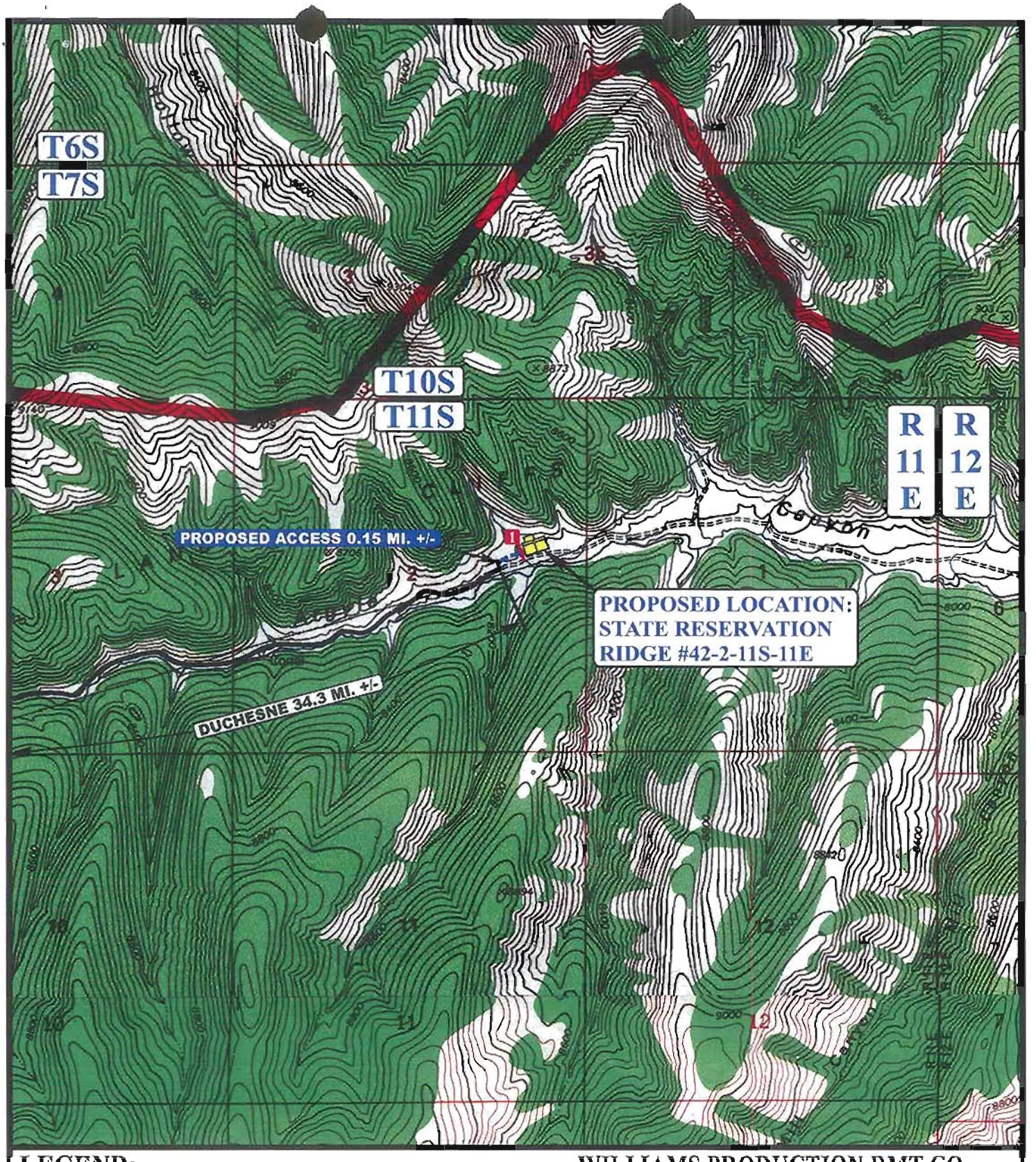
N

WILLIAMS PRODUCTION RMT CO.

STATE RESERVATION RIDGE #42-2-11S-11E
SECTION 2, T11S, R11E, S.L.B.&M.
2150' FNL 786' FEL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	07 MONTH	31 DAY	07 YEAR	A TOPO
SCALE: 1:100,000	DRAWN BY: C.P.	REVISED: 00-00-00		



LEGEND:

EXISTING ROAD

PROPOSED ACCESS ROAD

LOW WATER CROSSING REQUIRED

N

WILLIAMS PRODUCTION RMT CO.

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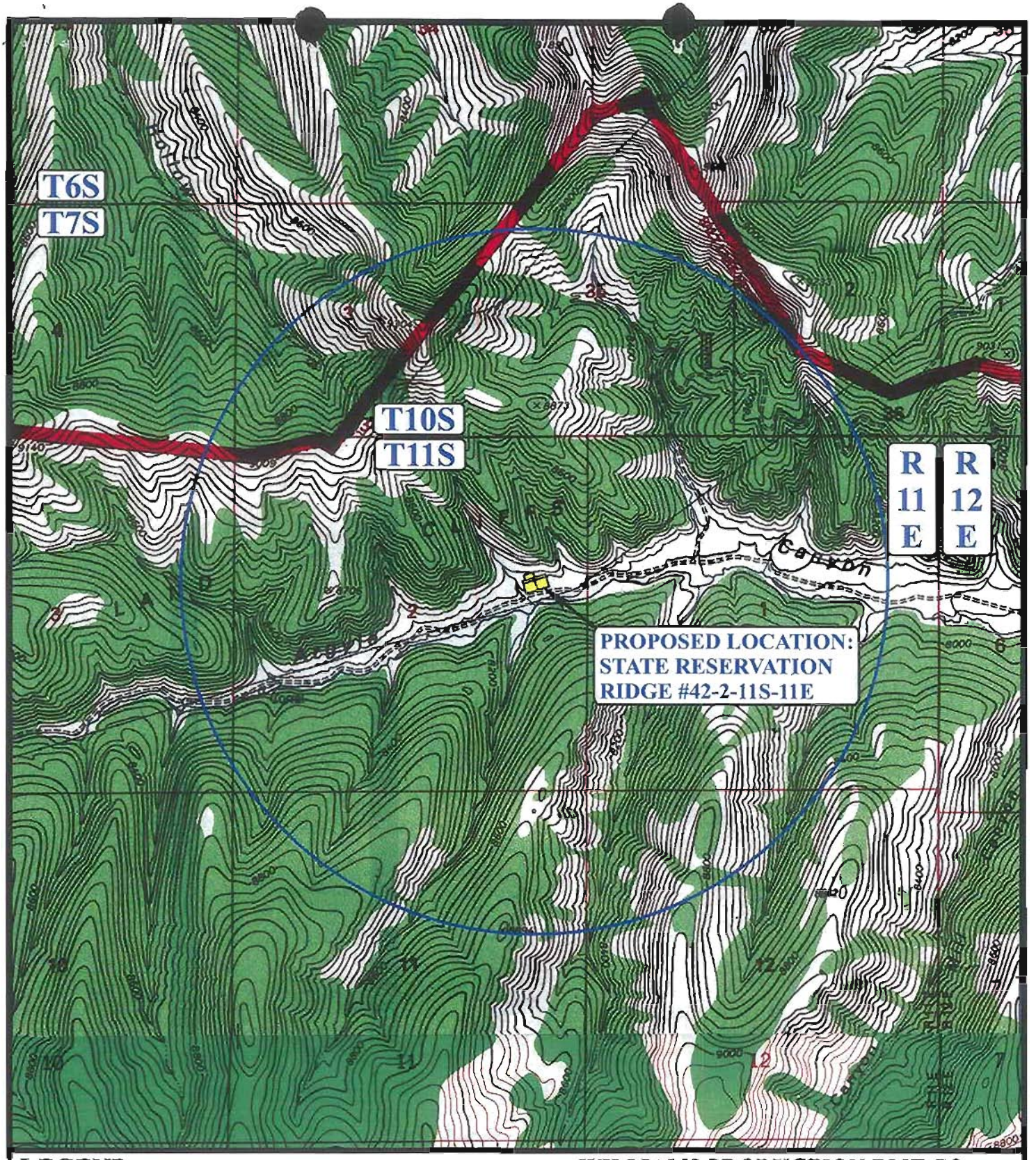
TOPOGRAPHIC MAP	07 MONTH	31 DAY	07 YEAR	B TOPO
SCALE: 1" = 2000'	DRAWN BY: C.P.	REVISED: 00-00-00		



LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

N

WILLIAMS PRODUCTION RMT CO.

STATE RESERVATION RIDGE #42-2-11S-11E
SECTION 2, T11S, R11E, S.L.B.&M.
2150' FNL 786' FEL

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TOPOGRAPHIC MAP	07 MONTH	31 DAY	07 YEAR	C TOPO
SCALE: 1" = 2000'	DRAWN BY: C.P.	REVISED: 00-00-00		

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/21/2007

API NO. ASSIGNED: 43-013-33758

WELL NAME: ST RESERVATION RIDGE 42-2

OPERATOR: WILLIAMS PROD RMT CO (N1945)

PHONE NUMBER: 303-606-4280

CONTACT: STEVE NATALI

PROPOSED LOCATION:

SENE 02 110S 110E

SURFACE: 2150 FNL 0786 FEL

BOTTOM: 2150 FNL 0786 FEL

COUNTY: DUCHESNE

LATITUDE: 39.89370 LONGITUDE: -110.6511

UTM SURF EASTINGS: 529830 NORTHINGS: 4415808

FIELD NAME: WILDCAT (1)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	DKD	10/5/07
Geology		
Surface		

LEASE TYPE: 3 - State

LEASE NUMBER: ML-48651

SURFACE OWNER: 3 - State

PROPOSED FORMATION: MNCS

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

✓ Plat

✓ Bond: Fed[] Ind[] Sta[] Fee[]
(No. 6470876)

N Potash (Y/N)

N Oil Shale 190-5 (B) or 190-3 or 190-13

✓ Water Permit
(No. 90-1851)

_____ RDCC Review (Y/N)
(Date: 09/13/2007)

NA Fee Surf Agreement (Y/N)

NA Intent to Commingle (Y/N)

LOCATION AND SITING:

____ R649-2-3.

Unit: _____

✓ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells

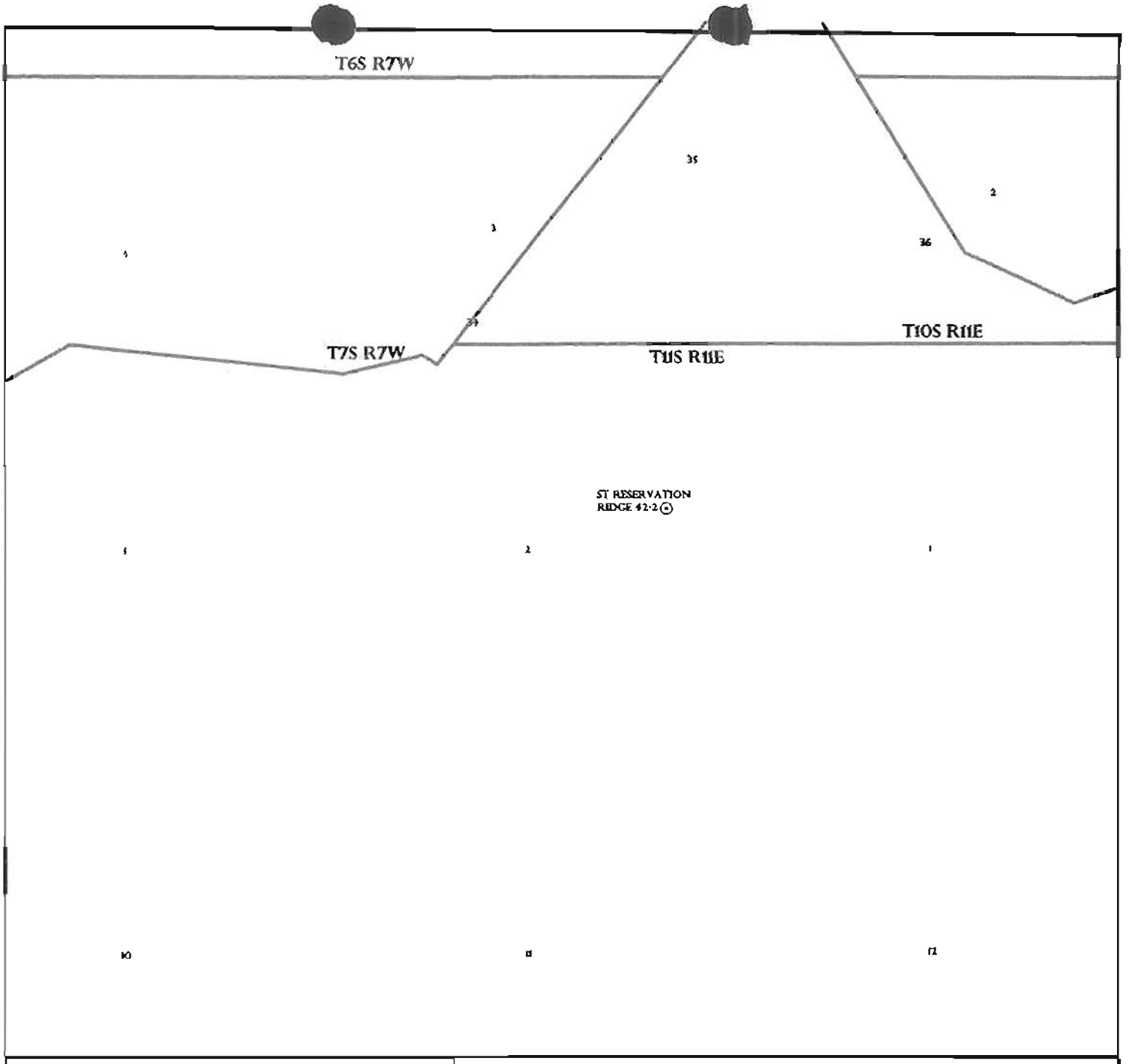
____ R649-3-3. Exception

____ Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____

____ R649-3-11. Directional Drill

COMMENTS: Needs Presite (09-21-07)

STIPULATIONS: 1- Spacing Slip
2- STATEMENT OF BASIS



OPERATOR: WILLIAMS PROD RMT (N1945)

SEC: 2 T.11S R. 11E

FIELD: WILDCAT (001)

COUNTY: DUCHESNE

SPACING: R649-3-2 / GENERAL SITING

Field Status
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status
- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING

UTAH DNR
OIL, GAS & MINING

N
W E
S

PREPARED BY: DIANA MASON
DATE: 29-AUGUST-2007

Application for Permit to Drill
Statement of Basis

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
517	43-013-33758-00-00		GW	S	No

Operator WILLIAMS PROD RMT CO **Surface Owner-APD**
Well Name ST RESERVATION RIDGE 42-2 **Unit**
Field UNDESIGNATED **Type of Work**
Location SENE 2 11S 11E S 2150 FNL 786 FEL GPS Coord (UTM) 529830E 4415808N

Geologic Statement of Basis

Williams proposes to set 80 feet of conductor pipe and 3,500 feet of surface casing at this location. The base of the moderately saline water is at approximately 7,500 feet in this area. This location lies on the Green River Formation. The proposed location is in a recharge area for the aquifers of the upper Green River formation and fresh water can be expected to be found in the upper Green River. A search of Division of Water Rights records indicates one water well within a 10,000 foot radius of the center of Section 2. No depth is listed for this well. The well was drilled by Williams specifically for drilling water for the proposed gas well. The proposed casing and cement program should adequately protect any useable ground water.

Brad Hill 9/27/2007
APD Evaluator **Date / Time**

Surface Statement of Basis

The general area is the Argyle Canyon drainage of Duchesne and Carbon Counties, Utah. The head of Argyle canyon is located about 28 miles south west of Duchesne accessed by State Hwy. 191 to the divide between Indian Canyon and the Price River Drainage. A Duchesne County Class B Road leaves this divide and proceeds easterly down the bottom of Argyle Canyon. Argyle Canyon joins Nine Mile Canyon approximately 20 miles to the east. Nine Mile Canyon runs into the Green River approximately 25 additional miles to the east.

Deep canyons and side drainages with moderate to steep sidewalls characterize the area. Some bottoms are wide but side-slopes remain relatively steep especially in the head of the canyons. Argyle Canyon has a small perennial stream. Springs, seeps and streams are common in the side canyons. Soils are derived mostly from shale and are inherently erosive. A checkerboard of lands exists consisting of private, SITLA and BLM. The Ashley National Forest is to the north of the Argyle Canyon drainage. Cabins as well as a few year-round dwellings are scattered through the drainage on private lands.

H&M 10/5
told Bruce Patterson!
303/629-9334
Cell 303/941-7751
12' Pit lined w/16 mil & felt
gravel xing & up drop bars for road & drainage
Silt fence - keyed in 6"
pit 12' deep w/10' bench
60' cut slope
Diversion ditch above pit & around
Water well on 10/20 Beman Drg.
Frontier Rig 7 10/17 (coming from El Paso)

Williams Production RMT Co. proposes a wildcat gas well, the S surface owned by SITLA. SITLA also owns the minerals. The l Duchesne, Utah. A new road 0.15 miles in length will be constru bottom of Argyle Canyon on the north side of the creek and road extending upslope on the steep side-slope of the drainage. From ending about 40-60 feet from the county road. A draw leaves the parallels the west side of the location. A culvert is necessary wh Cut on the side-hill to the bottom of the 12 foot deep reserve pit i back of the pit is required. To construct the pit and bench the sid feathering down the steep slope. It will be difficult to completely fill at corner '8' on the southeast end of the location is 21 feet. A the County road ROW. Mr. Patterson said he would include in t fill. A diversion ditch is planned along the north east side of the spoils stockpile onto the more gentle side-slope above the road. location. Mr. Ed Bonner of SITLA ask that these trees be avoide Mr. Patterson said this would be done. The access road as planned provides for this. The selected site appears

Application for Permit to Drill
Statement of Basis

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
517	43-013-33758-00-00		GW	S	No

Operator WILLIAMS PROD RMT CO **Surface Owner-APD**
Well Name ST RESERVATION RIDGE 42-2 **Unit**
Field UNDESIGNATED **Type of Work**
Location SENE 2 11S 11E S 2150 FNL 786 FEL GPS Coord (UTM) 529830E 4415808N

Geologic Statement of Basis

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Brad Hill — 9/27/2007
APD Evaluator — **Date / Time**

Surface Statement of Basis

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Williams Production RMT Co. proposes a wildcat gas well, the State Reservation Ridge #42-2-11S-11E, on surface owned by SITLA. SITLA also owns the minerals. The location is 34.3 road miles south from Duchesne, Utah. A new road 0.15 miles in length will be constructed to reach the pad. The location is in the bottom of Argyle Canyon on the north side of the creek and road. It parallels the drainage with the reserve pit extending upslope on the steep side-slope of the drainage. From this side-slope the location extends to the south ending about 40-60 feet from the county road. A draw leaves the side-slope near corner '4' on the west end and parallels the west side of the location. A culvert is necessary where the access road will cross this drainage. Cut on the side-hill to the bottom of the 12 foot deep reserve pit is 33.8 feet plus a 10 foot bench around the back of the pit is required. To construct the pit and bench the side-slope cut will extend about 60 feet up-slope feathering down the steep slope. It will be difficult to completely reclaim this cut when the pit is closed. The fill at corner '8' on the southeast end of the location is 21 feet. At a 1:1.5 slope it will extend to near the edge of the County road ROW. Mr. Patterson said he would include in the plans a silt fence along the road side of the fill. A diversion ditch is planned along the north east side of the location extending from above the reserve pit spoils stockpile onto the more gentle side-slope above the road. Some fir trees border the west side of the location. Mr. Ed Bonner of SITLA ask that these trees be avoided by the access road and fill from the location. Mr. Patterson said this would be done. The access road as planned provides for this. The selected site appears

to be the best and only reasonable location for constructing and operating a well in the immediate area.

Floyd Bartlett	9/21/2007
Onsite Evaluator	**Date / Time**

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator WILLIAMS PROD RMT CO
Well Name ST RESERVATION RIDGE 42-2
API Number 43-013-33758-0 **APD No** 517 **Field/Unit** UNDESIGNATED
Location: 1/4,1/4 SENE **Sec** 2 **Tw** 11S **Rng** 11E 2150 FNL 786 FEL
GPS Coord (UTM) 529836 4415798 **Surface Owner**

Participants

Floyd Bartlett (DOGM), Ed Bonner (SITLA), Bruce Patterson (Newtech Engineering, Agent for Williams Production), Brent Bascom (Company Drilling Representative for Williams Production) Daniel Emmett (UDWR)

Regional/Local Setting & Topography

The general area is the Argyle Canyon drainage of Duchesne and Carbon Counties Utah. The head of Argyle canyon is located about 28 miles south west of Duchesne accessed by State Hwy 191 to the divide between Indian Canyon and the Price River Drainage. A Duchesne County Class B Road leaves this divide and proceeds easterly down the bottom of Argyle Canyon. Argyle Canyon joins Nine Mile Canyon approximately 20 miles to the east. Nine Mile Canyon runs into the Green River approximately 25 additional miles to the east.

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Surface Use Plan

Current Surface Use
Grazing
Recreational
Wildlfe Habitat

New Road

Miles	Well Pad		Src Const Material	Surface Formation
0.015	**Width** 280	**Length** 350	Onsite	WSTC

Ancillary Facilities N

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetland N

Flora / Fauna

The location is well vegetated with slender wheatgrass, bluegrass, festuca spp, Great Basin wildrye, a few junipers, rabbit brush and snowberry.

Deer, elk, bear, lion, coyote and other mammals and birds. Cattle graze the location under a SITLA permit.

Soil Type and Characteristics

Moderately deep shaley sandy clay loam.

Erosion Issues N

Sedimentation Issues Y

Site Stability Issues N

Drainage Diverson Required Y

Diversion ditch around the northand east side of the location.

Berm Required? N

Erosion Sedimentation Control Required? Y

Diversion ditch around the northand east side of the location.

Paleo Survey Run? N **Paleo Potental Observed?** N **Cultural Survey Run?** Y **Cultural Resources?** N

Reserve Pit

Site-Specific Factors		Site Ranking
Distance to Groundwater (feet)	25 to 75	15
Distance to Surface Water (feet)	100 to 200	15
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	>1320	0
Native Soil Type	Mod permeability	10
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)	10 to 20	5
Affected Populations	<10	0
Presence Nearby Utility Conduits	Not Present	0
	Final Score	50 1 **Sensitivity Level**

Characteristics / Requirements

The reserve pit is planned in an area of cut on the northeast side of the location. Dimensions are 80' x 140' x 12' deep. A 16 mil liner and felt sub-liner is required.

Closed Loop Mud Required? N **Liner Required?** Y **Liner Thickness** 16 **Pit Underlayment Required?** Y

Other Observations / Comments

At the pre-site it was felt that the location could be moved down slope about 20-25 feet to avoid the amount of cut on the steep side hill. Mr. Patterson said he would have the engineering company, Uintah Engineering, re-survey the location to provide for this change. Later that day after he visited with the company. It was determined that this could not be done and keep the fill from encroaching on the County road ROW. Mr. Robert Kay of Uintah Engineering called me on my cell phone to inform me of their discussion.

A water wel l with a permit from the Utah State Division of Water Rights is planned in the northeast corner of the location. A provision for granting this well is that it can only be used during the non-irrigation season.

Mr. Ed Bonner of SITLA requested a 'paleo' inventory be completed. Mr. Patterson said this would be done.

Mr. Patterson stated Williams would begin constructing the location as soon as they got approval to do so. They expect drilling will take in excess of 30 days to complete. Mr. Brent Bascom will be Williams's 'Company Man' on location.

Daniel Emmett represented the UDWR. He stated he did not have a data base that covered the Argyle Canyon area but felt the location being along the road would not have significant impact on any wildlife species. He gave Mr. Bonner and Mr. Patterson a written evaluation and a UDWR recommended seed mix to be used when the location is reclaimed.

Floyd Bartlett	9/21/2007
Evaluator	**Date / Time**

STATE ACTIONS

Resource Development Coordinating Committee
Public Lands Policy Coordination Office
5110 State Office Building
SLC, UT 84114
Phone No. 537-9230

1. State Agency	**2. Approximate date project will start:**
Oil, Gas and Mining 1594 West North Temple, Suite 1210 Salt Lake City, UT 84114-5801	Upon Approval or September 14, 2007

3. Title of proposed action:
Application for Permit to Drill

4. Description of Project:

Williams Production RMT Company proposes to drill the State Reservation Ridge 42-2 well (wildcat) on State lease ML-48651, Duchesne County, Utah. This action is being presented to the RDCC for consideration of resource issues affecting state interests. The Division of Oil, Gas and Mining is the primary administrative agency in this action and must issue approval before operations commence.

5. Location and detailed map of land affected (site location map required, electronic GIS map preferred)
(include UTM coordinates where possible) **(indicate county)**
2150' FNL 786' FEL, SE/4 NE/4,
Section 2, Township 11 South, Range 11 East, Duchesne County, Utah

6. Possible significant impacts likely to occur:
Surface impacts include up to five acres of surface disturbance during the drilling and completion phase (estimated for five weeks duration). If oil and gas in commercial quantities is discovered, the location will be reclaimed back to a net disturbance of between one and two acres – not including road, pipeline, or utility infrastructure. If no oil or gas is discovered, the location will be completely reclaimed.

7. Identify local government affected
a. Has the government been contacted? No.
b. When?
c. What was the response?
d. If no response, how is the local government(s) likely to be impacted?

8. For acquisitions of land or interests in land by DWR or State Parks please identify state representative and state senator for the project area. Name and phone number of state representative, state senator near project site, if applicable:
a. Has the representative and senator been contacted? N/A

9. Areawide clearinghouse(s) receiving state action: (to be sent out by agency in block 1)
Uintah Basin Association of Governments

10. For further information, contact:	**11. Signature and title of authorized officer**
Diana Mason **Phone:** (801) 538-5312	Gil Hunt, Associate Director **Date:** August 31, 2007

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

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL

5. MINERAL LEASE NO:	6. SURFACE:
ML 48651	State

1A. TYPE OF WORK: DRILL ☑ REENTER ☐ DEEPEN ☐

7. IF INDIAN, ALLOTTEE OR TRIBE NAME:

B. TYPE OF WELL: OIL ☐ GAS ☑ OTHER _____ SINGLE ZONE ☐ MULTIPLE ZONE ☐

8. UNIT or CA AGREEMENT NAME:

2. NAME OF OPERATOR:
Williams Production RMT Company

9. WELL NAME and NUMBER:
State Reservation Ridge 42-2

3. ADDRESS OF OPERATOR:
1515 Arapahoe Street, CITY Denver STATE CO ZIP 80202

PHONE NUMBER:
(303) 606-4280

10. FIELD AND POOL, OR WILDCAT:
Wildcat

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 2150' FNL & 786' FEL 529830X 4415808Y 39.89370 -110.65109
AT PROPOSED PRODUCING ZONE: Same as surface

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
SENE 2 11S 11E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE:
33 miles SW of Duchesne- Go 28.7 miles South Hwhy 33 & Turn East on Argyle Canyon g

12. COUNTY:
Duchesne

13. STATE:
UTAH

15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET)	16. NUMBER OF ACRES IN LEASE:	17. NUMBER OF ACRES ASSIGNED TO THIS WELL:
786' from Lease line	669.94	40

18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET)	19. PROPOSED DEPTH:	20. BOND DESCRIPTION:
first well on this lease - miles away from other w	12,000	Bond # 6470876

21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.):	22. APPROXIMATE DATE WORK WILL START:	23. ESTIMATED DURATION:
8064' - ungraded ground level	9/15/2007	30 to 40 days

24. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT			
20"	16"	H-40	65 #/ft	80	Type III Cement	100 sx.	1.15 cuft/sx	15.8 ppg
14-3/4"	9-5/8"	J-55	36 , 40	3,500	Class G -TOC-surf.	1450 sx	L-11ppg,3.8	T-15.ppg,1.1
8-3/4"	7"	N-80	23	7,000	Class G - TOC -3300'	440 sx.	L-13ppg,2.0	T-15.ppg,1.1
6-1/4"	4-1/2"	P-110	11.6	11,000	Class G - TOC - 3300'	1390 sx.	L-11 ppg,3.0	T-14.ppg,1.2

25. **ATTACHMENTS**

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
☐ EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER
☑ COMPLETE DRILLING PLAN
☐ FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Steve Natali TITLE Vice President- Exploration

SIGNATURE Steve Natali DATE 8/20/2007

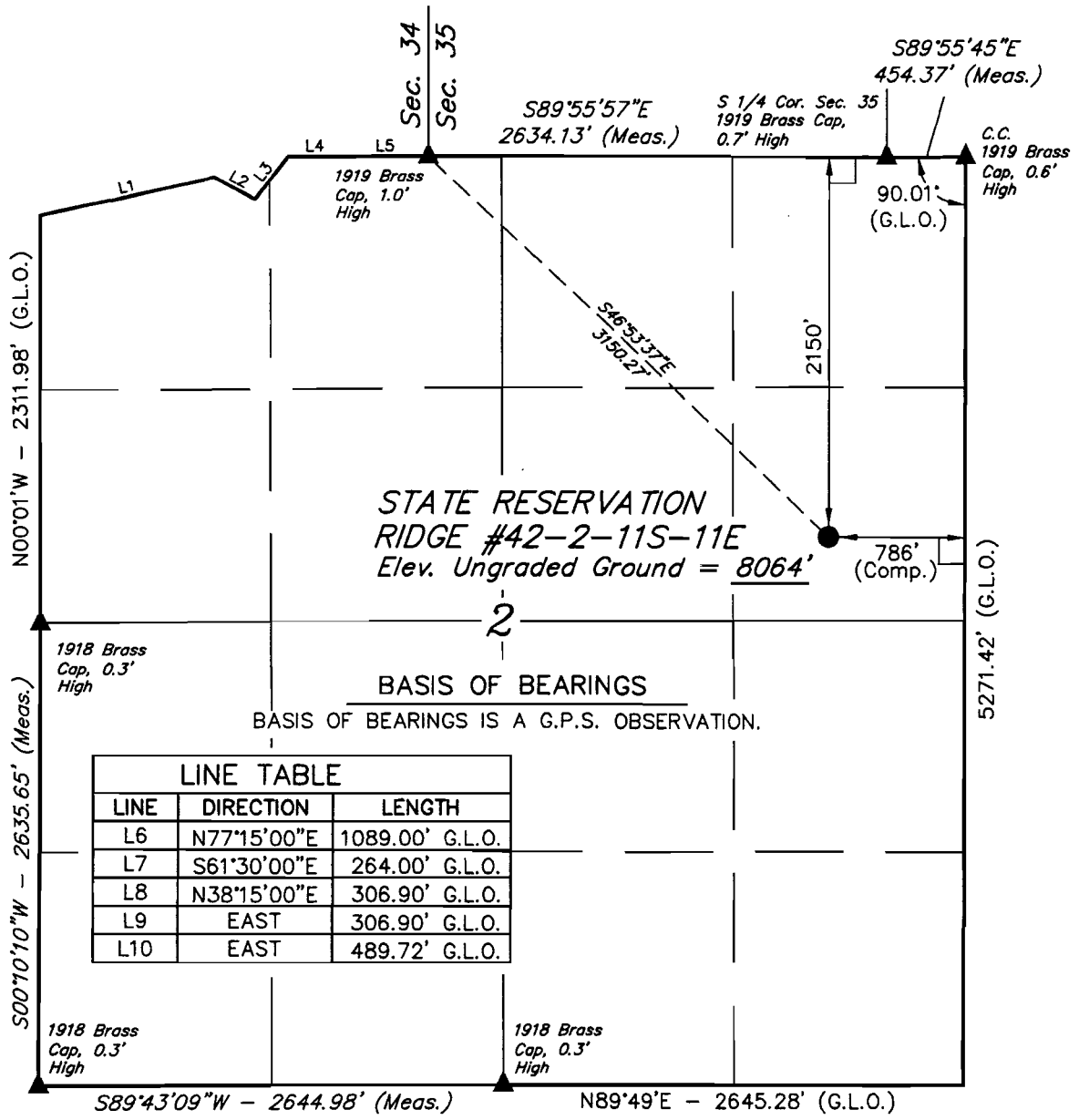
(This space for State use only)

API NUMBER ASSIGNED: 43-013-33758 APPROVAL:

RECEIVED
AUG 21 2007
DIV. OF OIL, GAS & MINING

(11/2001) (See Instructions on Reverse Side)

T11S, R11E, S.L.B.&M.



LINE TABLE		
LINE	DIRECTION	LENGTH
L6	N77°15'00"E	1089.00' G.L.O.
L7	S61°30'00"E	264.00' G.L.O.
L8	N38°15'00"E	306.90' G.L.O.
L9	EAST	306.90' G.L.O.
L10	EAST	489.72' G.L.O.

LEGEND:

└ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

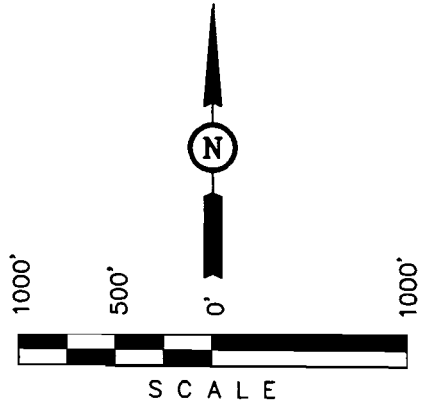
(AUTONOMOUS NAD 83)
LATITUDE = 39°53'37.10" (39.893639)
LONGITUDE = 110°39'06.37" (110.651769)
(AUTONOMOUS NAD 27)
LATITUDE = 39°53'37.14" (39.893650)
LONGITUDE = 110°39'03.84" (110.651067)

WILLIAMS PETROLEUM RMT COMPANY

Well location, STATE RESERVATION RIDGE #42-2-11S-11E, located as shown in the SE 1/4 NE 1/4 of Section 2, T11S, R11E, S.L.B.&M. Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION LOCATED IN THE SE 1/4 OF SECTION 25, T11S, R13E, S.L.B.&M. TAKEN FROM THE WOOD CANYON, QUADRANGLE, UTAH, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6430 FEET.



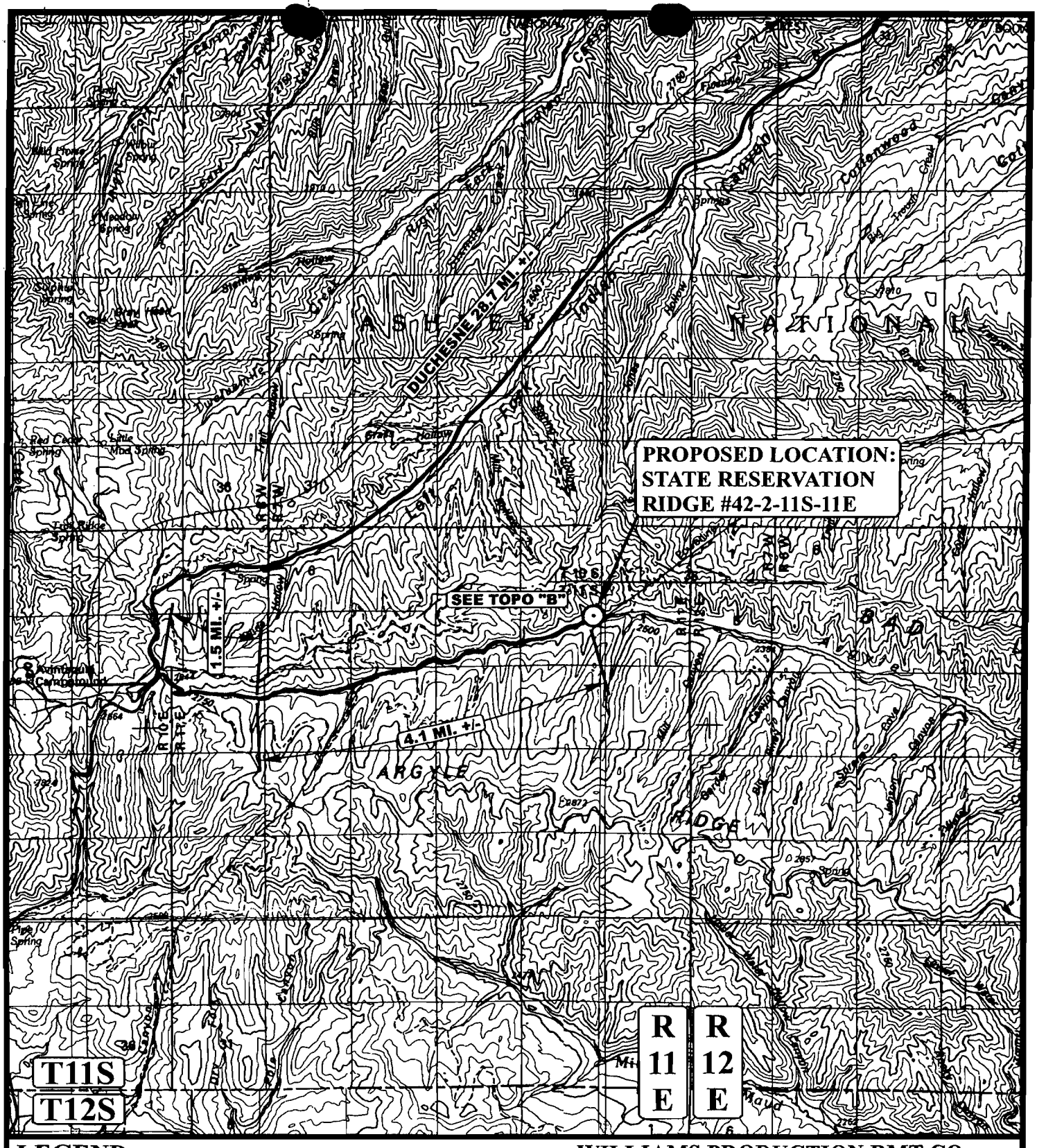
CERTIFICATE

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.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 07-19-07	DATE DRAWN: 07-25-07
PARTY D.R. K.A. S.L.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE WILLIAMS PETROEUM RMT COMPANY	



LEGEND:

⊙ PROPOSED LOCATION

N

WILLIAMS PRODUCTION RMT CO.

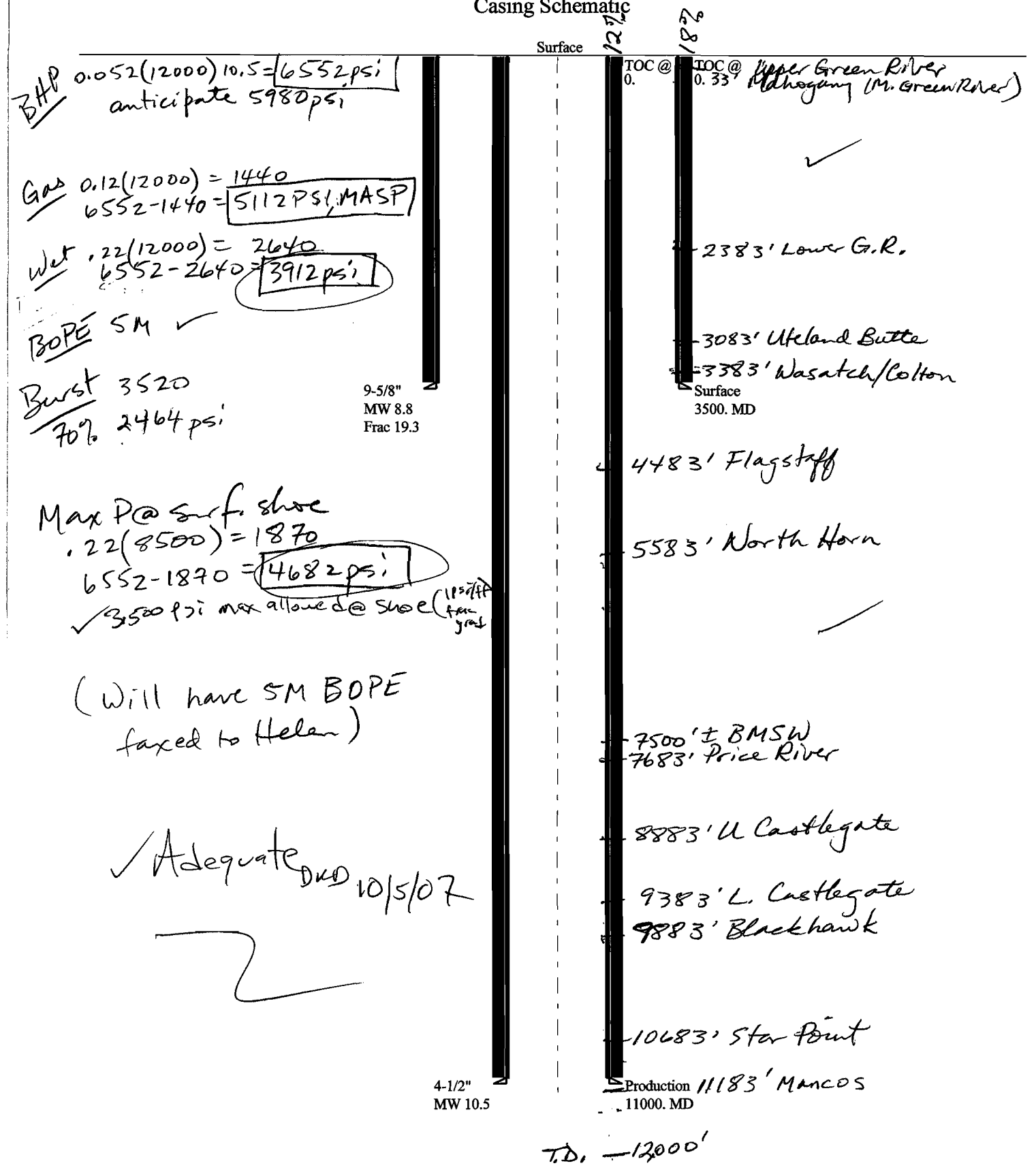
STATE RESERVATION RIDGE #42-2-11S-11E
SECTION 2, T11S, R11E, S.L.B.&M.
2150' FNL 786' FEL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	07 MONTH	31 DAY	07 YEAR	A TOPO
SCALE: 1:100,000	DRAWN BY: C.P.	REVISED: 00-00-00		

2007-10 Williams ST Reservation Ridge 42-2

Casing Schematic



BHP 0.052(12000)10.5 = 6552psi
anticipate 5980psi

Gas 0.12(12000) = 1440
6552-1440 = 5112PSI, MASP

Wet .22(12000) = 2640
6552-2640 = 3912psi

BOPE 5M ✓

Burst 3520
70% 2464psi

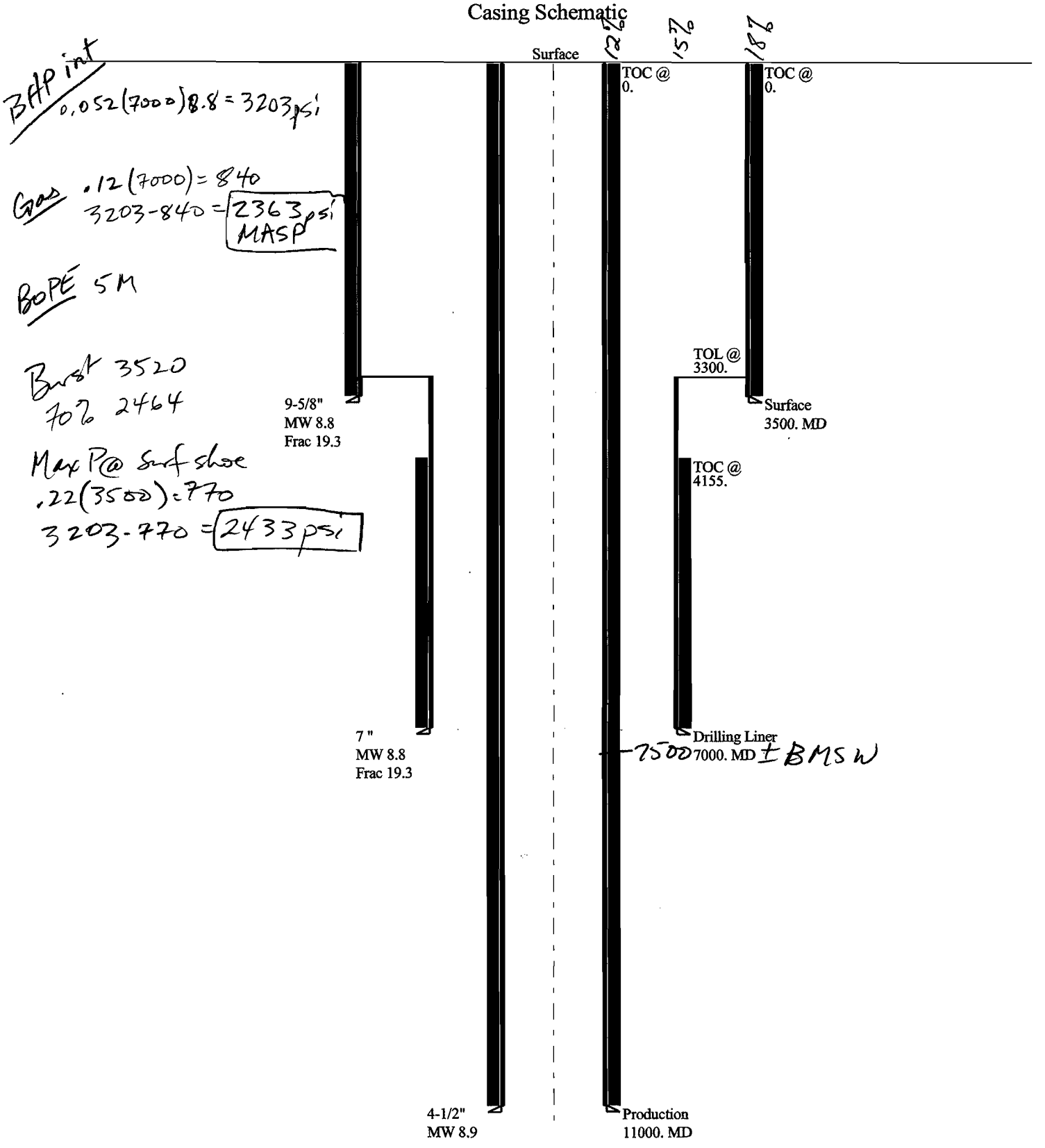
Max P@ surf. shoe
.22(8500) = 1870
6552-1870 = 4682psi
✓3500 psi max allowed@ shoe (11.5#/ft frac grad)

(Will have 5M BOPE faxed to Helen)

✓Adequate DKD 10/5/07

2007-10 Williams ST Reservation Ridge 42-2con

Casing Schematic



Well name:	**2007-10 Williams ST Reservation Ridge 42-2**
Operator:	**Williams Production RMT Company**
String type:	Surface
Project ID:	43-013-33758
Location:	Uintah County, Utah

Design parameters:

Collapse

Mud weight: 8.800 ppg

Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 2,360 psi

Internal gradient: 0.120 psi/ft

Calculated BHP 2,780 psi

Annular backup: 8.33 ppg

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC: 1.80 (J)

8 Round LTC: 1.80 (J)

Buttress: 1.60 (J)

Premium: 1.50 (J)

Body yield: 1.50 (B)

Tension is based on buoyed weight.

Neutral point: 3,044 ft

Environment:

H2S considered? No

Surface temperature: 65 °F

Bottom hole temperature: 114 °F

Temperature gradient: 1.40 °F/100ft

Minimum section length: 250 ft

Cement top: Surface

Non-directional string.

Re subsequent strings:

Next setting depth: 7,000 ft

Next mud weight: 8.800 ppg

Next setting BHP: 3,200 psi

Fracture mud wt: 19.250 ppg

Fracture depth: 3,500 ft

Injection pressure: 3,500 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft^3)
1	3500	9.625	36.00	J-55	ST&C	3500	3500	8.796	1519.2

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	1600	2020	1.263	2360	3520	1.49	110	394	3.60 J

Prepared by: Helen Sadik-Macdonald, Div of Oil,Gas & Minerals

Phone: (801) 538-5357

FAX: (801) 359-3940

Date: October 5,2007

Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 3500 ft, a mud weight of 8.8 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	**2007-10 Williams ST Reservation Ridge 42-2**
Operator:	**Williams Production RMT Company**
String type:	Drilling Liner
Project ID:	43-013-33758
Location:	Uintah County, Utah

Design parameters:

Collapse
Mud weight: 8.800 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 3,580 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 5,120 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 6,511 ft

Environment:
H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 163 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: 4,155 ft

Liner top: 3,300 ft
Non-directional string.

Re subsequent strings:
Next setting depth: 11,000 ft
Next mud weight: 10.500 ppg
Next setting BHP: 6,000 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 11,000 ft
Injection pressure: 11,000 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft^3)
1	3700	7	23.00	N-80	LT&C	7000	7000	6.25	817.8

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	3200	3830	1.197	5120	6340	1.24	74	442	5.99 J

Prepared by: Helen Sadik-Macdonald, Div of Oil,Gas & Minerals
Phone: (801) 538-5357
FAX: (801) 359-3940
Date: October 5,2007
Salt Lake City, Utah

Remarks:
For this liner string, the top is rounded to the nearest 100 ft.Collapse is based on a vertical depth of 7000 ft, a mud weight of 8.8 ppg The Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	**2007-10 Williams ST Reservation Ridge 42-2**
Operator:	**Williams Production RMT Company**
String type:	Production
Project ID:	43-013-33758
Location:	Uintah County, Utah

Design parameters:

Collapse

Mud weight: 10.500 ppg
Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 3,580 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 6,000 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC:	1.80 (J)
8 Round LTC:	1.80 (J)
Buttress:	1.60 (J)
Premium:	1.50 (J)
Body yield:	1.50 (B)

Tension is based on buoyed weight.
Neutral point: 9,273 ft

Environment:

H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 219 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: Surface

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft^3)
1	11000	4.5	11.60	P-110	LT&C	11000	11000	3.875	959.9

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	6000	7580	1.263	6000	10690	1.78	108	279	2.59 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Minerals
Phone: (801) 538-5357
FAX: (801) 359-3940
Date: October 5,2007
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 11000 ft, a mud weight of 10.5 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

From: Robert Clark
To: Mason, Diana
Date: 9/4/2007 9:59 AM
Subject: RDCC short turn-around comments

CC: Anderson, Tad; Mcneill, Dave; Wright, Carolyn

The following comments are submitted in response to short turn-around item **RDCC #8386.**

RDCC #8386, Comments begin: Williams Production RMT Company's proposal to drill the State Reservation Ridge 42-2 wildcat well, in Duchesne County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board. If any compressor or pump stations are constructed at the site, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. A copy of the rules is found at www.rules.utah.gov/publicat/code/r307/r307.htm.

The proposed project is also subject to Utah Air Quality Rule R307-205-5, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit, known as an Approval Order, is not required from the Executive Secretary of the Air Quality Board, but steps need to be taken to minimize fugitive dust, such as watering and/or chemical stabilization, providing vegetative or synthetic cover or windbreaks. A copy of the rules may be found at www.rules.utah.gov/publicat/code/r307/r307.htm. **Comments end.**

Robert Clark
Division of Air Quality
801-536-4435

From: Ed Bonner
To: Mason, Diana
Date: 9/14/2007 5:12 PM
Subject: Well Clearance

CC: Davis, Jim; Garrison, LaVonne; Hill, Brad; Hunt, Gil

The following wells have been given cultural resources clearance by the Trust Lands Cultural Resources Group:

EOG Resources, Inc
Chapita Wells Unit 732-32 (API 43 047 39599)
Chapita Wells Unit 731-32 (API 43 047 39582)

Questar Exploration & Production Company
RW 23-32BW (API 43 047 39182)
RW 21-32BW (API 43 047 39183)

Petro-Canada Resources (USA), Inc
State 32-11 (API 43 015 30734)

Williams Production RMT Company
State Reservation Ridge 42-2 (API 43 013 33758)

If you have any questions regarding this matter please give me a call.

NEW TECH ENGINEERING

FACSIMILE TRANSMITTAL SHEET

TO: Helen Sadik-MacDonald	FROM: Bruce M. Patterson
COMPANY: Utah Oil & Gas Conservation	DATE: 10-8-07
FAX NUMBER: 801-359-3940	TOTAL NO. OF PAGES, INCLUDING COVER: 3
PHONE NUMBER:	SENDER'S REFERENCE NUMBER:
RE: State Reservation Ridge 42-2	YOUR REFERENCE NUMBER: API # 43-013-33758

☐ URGENT X FOR REVIEW ☐ PLEASE COMMENT X PLEASE REPLY ☐ PLEASE RECYCLE

NOTES/COMMENTS:

You ask me to send an updated on BOP & Rig Layout. The actual Rig that is going to drill the well is Frontier Drilling Rig # 7 with a 11" x 5000 - BOP System. Moving in on Oct 19. and Spud by 10/24 or 10/25. The dirt contractor (MB Construction) is currently started building drill site Pad. If you have any questions or concerns. please call me at 303-941-7751 - Bruce M. Patterson

600 17th St., Suite 2500 South, Denver, CO 80202

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
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

October 10, 2007

Williams Production RMT Company
1515 Arapahoe St.
Denver, CO 80202

Re: State Reservation Ridge 42-2 Well, 2150' FNL, 786' FEL, SE NE, Sec. 2, T. 11 South, R. 11 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

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. The API identification number assigned to this well is 43-013-33758.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
SITLA

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • www.ogm.utah.gov

UTAH DNR OIL, GAS & MINING

Operator: Williams Production RMT Company

Well Name & Number State Reservation Ridge 42-2

API Number: 43-013-33758

Lease: ML 48651

Location: SE NE **Sec.** 2 **T.** 11 South **R.** 11 East

Conditions of Approval

1. **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.

2. **Notification Requirements**

   The operator is required to notify the Division of Oil, Gas and Mining of the following action during drilling of this well:

   - 24 hours prior to cementing or testing casing – contact Dan Jarvis
   - 24 hours prior to testing blowout prevention equipment – contact Dan Jarvis
   - 24 hours prior to spudding the well – contact Carol Daniels
   - Within 24 hours of any emergency changes made to the approved drilling program – contact Dustin Doucet
   - Prior to commencing operations to plug and abandon the well – contact Dan Jarvis

   The operator is required to get approval from the Division of Oil, Gas and Mining before performing any of the following actions during the drilling of this well:

   - Plugging and abandonment or significant plug back of this well – contact Dustin Doucet
   - Any changes to the approved drilling plan – contact Dustin Doucet

   The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voice mail message if the person is not available to take the call):

   - Dan Jarvis at: (801) 538-5338 office (801) 942-0873 home
   - Carol Daniels at: (801) 538-5284 office
   - Dustin Doucet at: (801) 538-5281 office (801) 733-0983 home

3. **Reporting Requirements**

   All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

6. The Application for Permit to Drill has been forwarded to the Resource Development Coordinating Committee for review of this action. The operator will be required to comply with any applicable recommendations resulting from this review.

7. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: **WILLIAMS PRODUCTION RMT COMPANY**

Well Name: **ST RESERVATION RIDGE 42-2**

Api No: **43-013-33758** Lease Type: **STATE**

Section **02** Township **11S** Range **11E** County **DUCHESNE**

Drilling Contractor **ROCKY MOUNTAIN DRLG** RIG # **RATHOLE**

SPUDDED:

Date **10/22/07**

Time _____

How **DRY**

Drilling will Commence: _____

Reported by **BRUCE PATTERSON**

Telephone # **(303) 941-7751 "CELL"**

Date **10/23/07** **Signed** **CHD**

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

FORM 6

ENTITY ACTION FORM

Operator: Williams Production RMT Company

Operator Account Number: N 1945

Address: 1515 Arapahoe Street, Tower 3, Suite 1000

city Denver

state CO zip 80202

Phone Number: (303) 606-4342

Well 1

API Number	Well Name	QQ	Sec	Twp	Rng	County
4301333758	State Reservation Ridge 42-2	SENE	2	11S	11E	Duchesne

Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date
A	99999	16457	10/24/2007	10/31/07

Comments: MNCS

Well 2

API Number	Well Name	QQ	Sec	Twp	Rng	County

Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date

Comments:

Well 3

API Number	Well Name	QQ	Sec	Twp	Rng	County

Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date

Comments:

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)

Darlene Vicars
Name (Please Print)

Signature

Permit Technician
Title

10/24/2007
Date

RECEIVED
OCT 31 2007
DIV. OF OIL, GAS & MINING

(5/2000)

43013-33758
2 11S 11E

pason systems usa corp.
16100 Table Mountain Parkway • Ste. 100 • Golden • CO • 80403
Telephone (720) 880-2000 • Fax (720) 880-0016
www.pason.com

December 12, 2007

Oil & Gas Supervisor
Utah Division Of Oil, Gas, & Mining
1594 W. North Temple, Suite 1210
Salt Lake City, UT 84116

RE: WILLIAMS PRODUCTION RMT CO.
STATE RESERVATION RIDGE 42-2-11S11E
SEC. 2, T11S, R11E
DUCHESNE COUNTY, UT

To Whom It May Concern,

Enclosed is the final computer colored log for the above referenced well.

We appreciate the opportunity to be of service to you and look forward to working with you again in the near future.

If you have any questions regarding the enclosed data, please contact us.

Sincerely,

Bill Nagel
Geology Manager
Pason Systems USA
BN/alb

Encl: 1 Final Computer Colored Log.

Cc: Paul Devine, Williams Production RMT Co., Denver, CO.

New Tech Engineering
600 17 th Street, Suite 2550 South
Denver, Colorado, 80202

March 3, 2008

CONFIDENTIAL

Utah Department of Natural Resource
Division of Oil, Gas, and Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt lake City, Utah 84114-5801

Attn:Dustin Doucet
Petroleum Engineer

Ref: Completion Form 8 & Confidential Request & other data
State Reservation Ridge 42-2 Well
API # 43-013-33758
SENE Sec. 2, T11S, R11E
Duchesne County, Utah

Dear Mr. Dustin Doucet

Please find attached for the reference well.

1. Form 8- Completion Report.
2. Detail Daily Drilling Report..
3. Cement Job summary of the 4-1/2" production casing string.
4. 2- copies of Platform Express- Open hole logs – Surface & Long string section.
5. 2-copies of Cement Bond Log/GR/CCL/Temperature Log
6. Confidential Letter request to hold Data in Confidential status.
7. 2-copies of Mud Logs.
8. Directional Plots & Table of well bore path.

The above reference well is currently shut in waiting for completion pending on the snow conditions to get into well site, once William's is able to get completion equipment into site they will start completion, their engineer in charge of completion is Darren Kirkwood at 303-606-4374 or his email address at darren.kirkwood@williams.com.

Please find enclosed all pertinent data on the above reference well and if there are any questions or problems please call me (303-629-6334) or email me at bpatterson@newtecheng.com .

Thank you for all our help.

Sincerely,

Bruce M. Patterson
Chief Engineer w/ New Tech Engineering
Agent for Permits/Engineering to Williams Production RMT Company

CONFIDENTIAL

Post Treatment Report

Zonal Isolation

Reservation Ridge – State 42-2
API: 43013337580000
2-11S-11E
Duchesne County, Utah, USA
December 18th, 2007

Prepared for:

RECEIVED
MAR 19 2008
DIV. OF OIL, GAS & MINING

Williams Production Company
One Williams Center
P.O. Box 3102MD-37
Tulsa, OK 74101

Customer Rep : Bruce Patterson
New Tech Engineering
Denver, CO
303.629.9334

BJ Rep: Kaitlyn Mace
Region Engineer
303.200.6671

FIELD RECEIPT NO. **1001265395**

BJ Services Company

CUSTOMER	CREDIT APPROVAL NO.	PURCHASE ORDER NO.	CUSTOMER NUMBER	INVOICE NUMBER
WILLIAMS PRODUCTION	A10011027268		20097285 - 00250245	

MAIL INVOICE TO :	STREET OR BOX NUMBER	CITY	STATE	ZIP CODE
	ONE WILLIAMS CENTER P.O. BOX 3102 MD-37	TULSA	Oklahoma	74101

DATE WORK COMPLETED	MO.	DAY	YEAR	BJ SERVICES REPRESENTATIVE	WELL API NO:	WELL TYPE :
	12	15	2007	Scott Timothy	43013337580000	New Well

BJ SERVICES DISTRICT	JOB DEPTH (ft)	WELL CLASS :
Vernal	12,009	Gas

WELL NAME AND NUMBER	TD WELL DEPTH (ft)	GAS USED ON JOB :
RESERVATION RIDGE-STATE 42-2	12,018	No Gas

WELL LOCATION :	LEGAL DESCRIPTION	COUNTY/PARISH	STATE	JOB TYPE CODE :
	2-11S-11E	Duchesne	Utah	Long String

PRODUCT CODE	DESCRIPTION	UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
100283	R-3	lbs	226	2.980	673.48	47%	356.94
121110	Cement Plug, Rubber, Top 4-1/2 in	ea	1	122.250	122.25	47%	64.79
398261	Premium Lite II High Strength	sacks	1950	43.200	84,240.00	47%	44,647.20
488013	CD-32	lbs	941	10.750	10,115.75	47%	5,361.35
488015	FL-52	lbs	1272	21.800	27,729.60	47%	14,696.69
488019	FP-6L	gals	6	84.750	508.50	47%	269.51
499632	Granulated Sugar	lbs	1000	2.980	2,980.00	47%	1,579.40
499634	Kol Seal	lbs	9745	0.960	9,355.20	47%	4,958.26
499680	Static Free	lbs	36	32.400	1,166.40	47%	618.19
	SUB-TOTAL FOR Product Material				136,891.18	47.00%	72,552.33
A152	Personnel Surcharge - Cement Svc	ea	1	145.500	145.50	0%	145.50
M100	Bulk Materials Service Charge	cu ft	2925	3.410	9,974.25	47%	5,286.35
R798	Automatic Density System	job	1	1,250.000	1,250.00	47%	662.50
	SUB-TOTAL FOR Service Charges				11,369.75	46.40%	6,094.35

ARRIVE LOCATION :	MO.	DAY	YEAR	TIME
	12	15	2007	09:15

CUSTOMER REP.
Mr. Brent Bascom

SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS

SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER.

CUSTOMER AUTHORIZED AGENT

SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.

CUSTOMER AUTHORIZED AGENT
X

BJ SERVICES APPROVED
X

FIELD RECEIPT NO. 1001265395

BJ Services Company

CUSTOMER: WILLIAMS PRODUCTION		CREDIT APPROVAL NO.: A10011027268	PURCHASE ORDER NO.:	CUSTOMER NUMBER: 20097285 - 00250245	INVOICE NUMBER:
MAIL INVOICE TO:	STREET OR BOX NUMBER: ONE WILLIAMS CENTER P.O. BOX 3102 MD-37	CITY: TULSA	STATE: Oklahoma	ZIP CODE: 74101	
DATE WORK COMPLETED: MO. 12 / DAY 15 / YEAR 2007	BJ SERVICES REPRESENTATIVE: Scott Timothy	WELL API NO: 43013337580000	WELL TYPE: New Well		
BJ SERVICES DISTRICT: Vernal		JOB DEPTH (ft): 12,009	WELL CLASS: Gas		
WELL NAME AND NUMBER: RESERVATION RIDGE-STATE 42-2		TD WELL DEPTH (ft): 12,018	GAS USED ON JOB: No Gas		
WELL LOCATION:	LEGAL DESCRIPTION: 2-11S-11E	COUNTY/PARISH: Duchesne	STATE: Utah	JOB TYPE CODE: Long String	

PRODUCT CODE	DESCRIPTION	UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
F027A	Cement Pump Casing, 12001 - 13000 ft	8hrs	1	18,500.000	18,500.00	47%	9,805.00
J050	Cement Head	job	1	515.000	515.00	47%	272.95
J225	Data Acquisition, Cement, Standard	job	1	1,335.000	1,335.00	47%	707.55
J390	Mileage, Heavy Vehicle	miles	600	7.400	4,440.00	47%	2,353.20
J391	Mileage, Auto, Pick-Up or Treating Van	miles	200	4.200	840.00	47%	445.20
K371	Field Storage Bin, Up To 5 Days	job	2	1,035.000	2,070.00	47%	1,097.10
	SUB-TOTAL FOR Equipment				27,700.00	47%	14,681.00
J401	Bulk Delivery, Dry Products	ton-mi	10642	2.470	26,285.74	47%	13,931.44
	SUB-TOTAL FOR Freight/Delivery Charges				26,285.74	47.00%	13,931.44
	FIELD ESTIMATE				202,246.67	46.97%	107,259.12

ARRIVE LOCATION: MO.	DAY	YEAR	TIME
12	15	2007	09:15

CUSTOMER REP.: Mr. Brent Bascom

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X [signature] CUSTOMER AUTHORIZED AGENT

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X [signature] CUSTOMER AUTHORIZED AGENT

BJ SERVICES APPROVED

X

CEMENT JOB REPORT

CUSTOMER	DATE	F.R. #	SERV. SUPV.
WILLIAMS PRODUCTION	15-DEC-07	1001265395	Scott Timothy
LEASE & WELL NAME	**LOCATION**		**COUNTY-PARISH-BLOCK**
RESERVATION RIDGE-STATE 42-2 - API 43013337	2-11S-11E		Duchesne Utah
DISTRICT	**DRILLING CONTRACTOR RIG #**		**TYPE OF JOB**
Vernal	FRONTIER # 7		Long String

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
BJ Cement Plug, Rubber, Top 4-1/2 i	Float Collar, Pop Valve, 4-1/2 - 8rd							
	Float Shoe/Poppet Valve 4-1/2 - 8rd							
MATERIALS FURNISHED BY BJ								
Fresh Water			8.34				50	
Prem Lite HS II		867	12.6	2.10	10.80	05:42	324.2	222.40
Prem Lite II HS		1,082	13.4	1.78	8.27	04:59	343	213.55
KCL + SUGAR 1st 50 BBLS			8.34				178.6	
						TOTAL	895.8	435.94

Available Mix Water 1000 Bbl. Available Displ. Fluid 400 Bbl.

HOLE			TBG-CSG-D.P.					COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE
9.25	0	12018	4.5	11.6	CSG	12009	P-110	12009	11963	0

LAST CASING				PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN		WELL FLUID	
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
9.625	40	CSG	3525	NO PACKER	0	0	0	4.5	8 RD	WATER BASED MU	9.8

DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator	
178.6	BBLS	KCL + SUGAR 1st 5(	8.34	2200	0	0	0	0	9928	4000	RIG - TRUCK

Circulation Prior to Job

Circulated Well: Rig [X] BJ [ ] | Circulation Time: 24 | Circulation Rate: 8 BPM

Mud Density In: 9.8 LBS/GAL Mud Density Out: 9.8 LBS/GAL | PV & YP Mud In: 16 | PV & YP Mud Out: 16

Gas Present: NO [X] YES [ ] Units: | Solids Present at End of Circulation: NO [X] YES [ ]

Displacement And Mud Removal

Displaced By: Rig [ ] BJ [X] | Amount Bled Back After Job: 1.25 BBLS

Returns During Job: [ ] NONE [ ] PARTIAL [X] FULL | Method Used to Verify Returns: VISUAL

Cement Returns at Surface: [X] YES [ ] NO | Were Returns Planned at Surface: [ ] NO [X] YES

Pipe Movement: [ ] ROTATION [X] RECIPROCATION [ ] NONE [ ] UNABLE DUE TO STUCK PIPE

Centralizers: [ ] NO [X] YES | Quantity: 81 | Type: [X] BOW [ ] RIGID

Job Pumped Through: [ ] CHOKE MANIFOLD [ ] SQUEEZE MANIFOLD [X] MANIFOLD [ ] NO MANIFOLD

Plugs

Number of Attempts by BJ: Competition: | Wiper Balls Used: [X] NO [ ] YES Quantity:

Plug Catcher Used: [X] NO [ ] YES | Parabow Used: [X] NO [ ] YES

Was There a Bottom: [X] NO [ ] YES | Top of Plug: FT | Bottom of Plug: FT

Squeezes (Update Original Treatment Report for Primary Job)

BLOCK SQUEEZE [ ] SHOE SQUEEZE [ ] TOP OF LINER SQUEEZE [ ] PLANNED [ ] UNPLANNED [ ]

Liner Packer: [X] NO [ ] YES | Bond Log: [X] NO [ ] YES PSI Applied: Fluid Weight: LBS/GAL

Casing Test (Update Original Treatment Report for Primary Job)

Casing Test Pressure: PSI With LBS/GAL Mud | Time Held: Hours Minutes

Shoe Test (Update Original Treatment Report for Primary Job)

Depth Drilled out of Shoe: FT | Target EMW: LBS/GAL Actual EMW: LBS/GAL

Number of Times Tests Conducted: | Mud Weight When Test was Conducted: LBS/GAL

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE

CEMENT JOB REPORT

Problems Before Job (I.E. Running Casing, Circulating Well, ETC)

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)

HAD PROBLEM WITH MIXING SYSTEM ON CEMENT PUMP 75 BBLS INTO TAIL SLURRY COULD NOT FIX PROBLEM HAD TO TURN CIRCULATING OVER TO RIG & CIRCULATE CEMENT FROM WELL

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)

PRESSURE/RATE DETAIL

TIME HR:MIN.	PRESSURE - PSI PIPE	PRESSURE - PSI ANNULUS	RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	EXPLANATION
						SAFETY MEETING: BJ CREW [X] CO. REP. [X]
						TEST LINES 6320 PSI
						CIRCULATING WELL - RIG [X] BJ [ ]
20:20	0	0	0	0		12-14-07 ARRIVE LOCATION - SAFTY MEETING-RIG RUNNING CASING
23:30	0	0	0	0		CASING ON BOTTOM - RIG CIRCULATE 23:50 TO 03:00
03:00	0	0	0	0		PREJOB SAFTY MEETING - RIG UP TO CEMENT
03:31	4000	0	0	0	H2O	PRESSURE TEST PUMP & LINES
03:36	146	0	5	0	H2O	START FRESH WATER AHEAD
03:46	196	0	5.5	50	CMT	START LEAD SLURRY @ 12.6 PPG
04:45	450	0	4.7	324.2	CMT	START TAIL SLURRY @ 13.4 PPG
05:01	0	0	0	75		SHUT DOWN FOR MIXING SYSTEM PROBLEMS
	0	0	0	0		WORK ON MIXING SYSTEM APPROX. 50 MINS. COULD NOT FIX PROBLEM
06:00	0	0	0	0	MUD	TURN CIRCULATING OVER TO RIG & CIRCULATE CEMENT FROM WELL
09:15	0	0	0	0		12-15-07 ARRIVE LOCATION - SAFTY MEETING
	0	0	0	0	MUD	RIG CIRCULATE WELL 18:00 ON 12-14-07 TO 14:45 ON 12-15-07
14:45	0	0	0	0		PREJOB SAFTY MEETING - RIG UP TO CEMENT
15:06	6320	0	0	0	H2O	PRESSURE TEST PUMP & LINES - CHECK OVER PRESSURE SHUT DOWN
15:11	202	0	7.7	0	H2O	START FRESH WATER AHEAD
15:18	242	0	4.4	50	CMT	START LEAD SLURRY @ 12.6 PPG
16:32	227	0	4.2	324.2	CMT	START TAIL SLURRY @ 13.4 PPG
17:54	0	0	0	343		END TAIL SLURRY SHUT DOWN WASH PUMP & LINES
18:04	120	0	5.5	0	KCL	START KCL DISPLACEMENT USE SUGAR 50 BBLS DISPLACEMENT
18:20	531	0	6.8	85	KCL	CAUGHT CEMENT
18:27	885	0	4.2	48	KCL	SLOW DISPLACEMENT RATE LOST RETURNS
18:28	890	0	4.2	0	KCL	REGAIN FULL RETURNS
18:35	1340	0	3	34	KCL	SLOW DISPLACEMENT RATE TO BUMP PLUG
18:39	1375	0	0	11.6		END DISPLACEMENT BUMP PLUG - 545 PSI OVER ON PLUG
18:41	1920	0	0	0		CHECK FLOAT & HELD - 1.25 BBLS BLEED BACK
	0	0	0	0		PIPE WAS RECIPROCATED DURING JOB
	0	0	0	0		GOOD CIRCULATION DURING JOB
	0	0	0	0		LOST RETURNS 135 BBLS DISPLACEMENT GONE
	0	0	0	0		REGAIN FULL RETURNS 140 BBLS DISPLACEMENT GONE
						THANK YOU SCOTT & CREW

BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	Service Supervisor Signature:
[Y] N	1920	[Y] N	0	895.8	0	Y [N]	Scott Timothy

CEMENT JOB PROBLEM REPORT

DISTRICT: Vernal	**JOB DATE:** 15-DEC-07
CUSTOMER: WILLIAMS PRODUCTION	**FIELD RECEIPT:** 1001265395
LEASE NAME: RESERVATION RIDGE-STATE 42-2	**SERVICE SUPERVISOR:** Scott Timothy
CUSTOMER REP: Mr. Brent Bascom	**JOB TYPE:** 13
RECOMMENDATION NO.:	
PROBLEM CATEGORY: EQUIPMENT MAINT	
PROBLEM CATEGORY: PRODUCT	
WELL DATA	Williams Production Reservation Ridge State 42-2 4-1/2 Longstring
FLOAT EQUIP. DATA (INCLUDE SUPPLIER)	Float shoe - Float collar - Centralizers
LEAD SLURRY - SLURRY WT	12.6
LEAD SLURRY - YIELD	2.10
LEAD SLURRY - MIX H2O	10.80
LEAD SLURRY - PUMP TIME	5:15
LEAD SLURRY - VOLUME	324.2 bbls
TAIL SLURRY - SLURRY WT	13.4
TAIL SLURRY - YIELD	1.78
TAIL SLURRY - MIX H2O	8.27
TAIL SLURRY - PUMP TIME	4:25
TAIL SLURRY - VOLUME	343 bbls
SLURRY: WEIGHT 12.6 **YIELD** 2.10 **MIX H2O** 10.80 **PUMP TIME** 05:42 **VOLUME** 324.2	
SLURRY: WEIGHT 13.4 **YIELD** 1.78 **MIX H2O** 8.27 **PUMP TIME** 04:59 **VOLUME** 343	
JOB PROBLEM	Tail slurry would not mix @ wt. - cement mixing system Unit # C969 would not mix slurry & quit pumping completly could not fix problem
PLANNED JOB PROCEDURE	Pump 50 bbls fresh water - 324.2 bbls lead slurry - 343 bbls tail slurry - 178.6 kcl displacement
ACTUAL JOB PROCEDURE	Pump 50 bbls fresh water - 324.2 bbls lead slurry - approx. 75 bbls tail slurry - rig circulate cement from well
ROOT CAUSE OF PROBLEM	Equipment & Products
CORRECTIVE ACTION	reloaded cement & equipment & pumped job tail slurry would not mix @ wt.
COMMENTS	
FOLLOW UP PERSON ASSIGNED	
DATE FOLLOW UP PERSON ASSIGNED	
DATE FOLLOW UP COMPLETED	
FOLLOW UP COMMENT	

THE DISTRICT MANAGER:

- ☐ HAS REVIEWED THIS PROBLEM
- ☒ HAS NOT REVIEWED THIS PROBLEM

Indicator	Performance	
1. Did we pump the job as designed/requested?	Yes	No
2. Were the proper prejob and postjob QC tests performed?	Yes	No
3. Were we ready to pump when specified?	Yes	No
4. Did we conduct a thorough and timely prejob and postjob review with you?	Yes	No
5. Do you feel this job was performed in a safe manner?	Yes	No
6. Was the performance and appearance of our personnel professional?	Yes	No
7. Did our products satisfy your requirements?	Yes	No
8. Were you satisfied with our equipment performance and appearance?	Yes	No

Comments/What can we do to improve the next job?:

X Brent Bosca

Would you like someone from our company to contact you regarding any of your concerns? ☐ Yes ☐ No

Report Print on: 25-OCT-07 05:25 AM

Quality Improvement

LongString

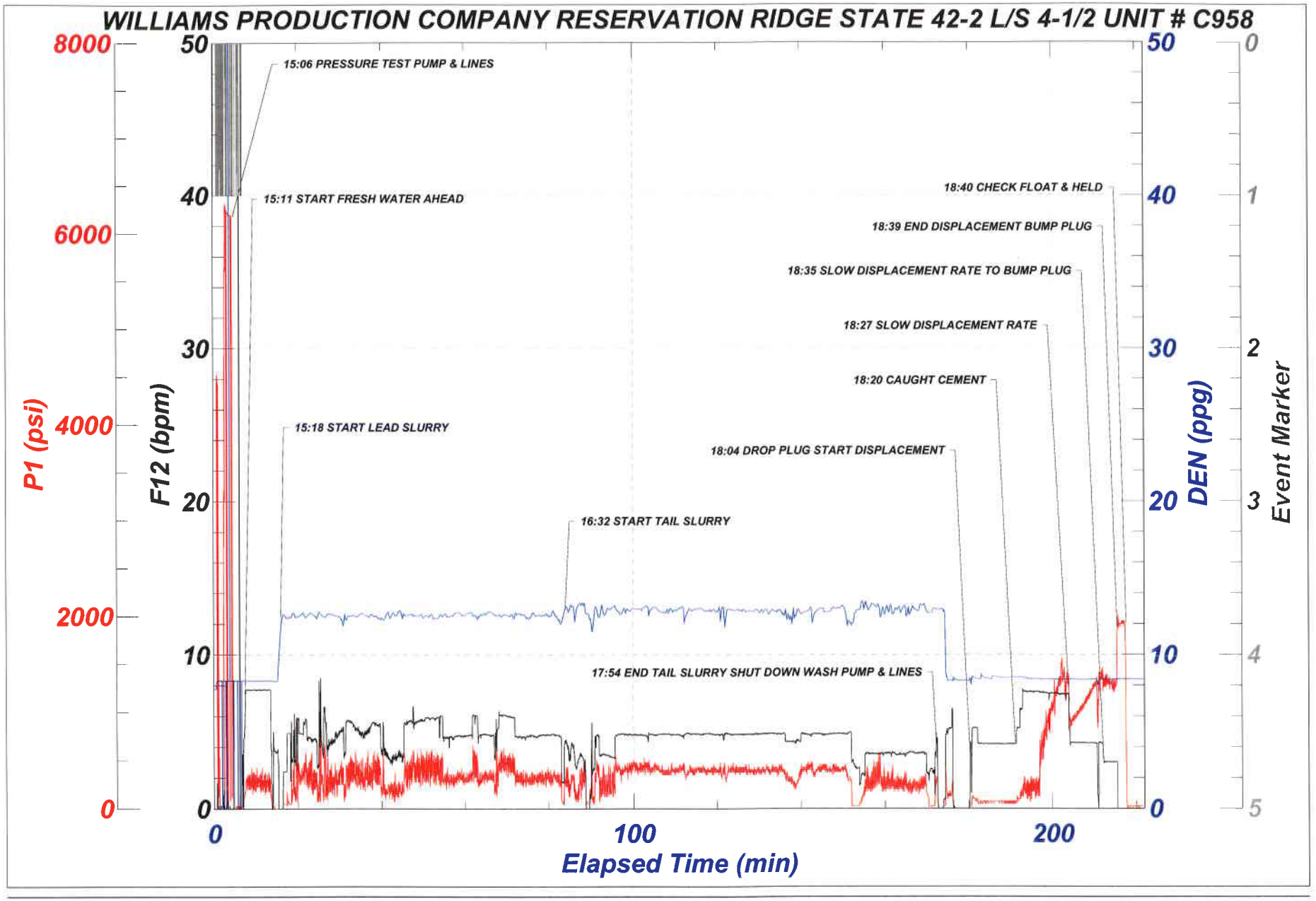
PLEASE PRINT

Field Receipt No.: 0901765395 Date: 12/13/2007

Customer Name: Williams

Well Name: Res. Bridge State 42-2

District: Vernal, UT


WILLIAMS PRODUCTION COMPANY RESERVATION RIDGE STATE 42-2 L/S 4-1/2 UNIT # C958
P1 (psi)
8000
6000
4000
2000
0
F12 (bpm)
50
40
30
20
10
0
DEN (ppg)
50
40
30
20
10
0
Event Marker
0
1
2
3
4
5
0
100
200
Elapsed Time (min)
15:06 PRESSURE TEST PUMP & LINES
15:11 START FRESH WATER AHEAD
15:18 START LEAD SLURRY
16:32 START TAIL SLURRY
17:54 END TAIL SLURRY SHUT DOWN WASH PUMP & LINES
18:04 DROP PLUG START DISPLACEMENT
18:20 CAUGHT CEMENT
18:27 SLOW DISPLACEMENT RATE
18:35 SLOW DISPLACEMENT RATE TO BUMP PLUG
18:39 END DISPLACEMENT BUMP PLUG
18:40 CHECK FLOAT & HELD

BJ Services: JTrax Version 1.00
Customer: WILLIAMS PROD. COMPANY
Service type: 4-1/2 LONGSTRING
Well: 42-2

General Data

Design Date:	12/14/2007
Customer:	WILLIAMS PROD. COMPANY
Lease:	RESERVATION RIDGE ST.
Well Name:	42-2
API Number (14 digit):	4301333758
Target Zone:	
Location:	WILDCAT FIELD
County:	DUCHESNE
State:	UTAH
Service Date:	12-15-07
Customer Representative:	MR. BRENT BASCOM
OCSG/Legal Description:	2-11S-11E
BJ Representative:	SCOTT TIMOTHY
Service District/Boat:	VERNAL , UTAH
Service Type:	4-1/2 LONGSTRING
Job Number (10 digit):	1001265395

Casing/Open Hole Data

Section	*Depth (ft)*	*Casing OD (in)*	*Casing ID (in)*	*Weight (lbm/ft)*	*TVD (ft)*
1	12000	4.500	4.000	11.60	12000
2	12018	9.250	9.250	open hole	12018

Data Listing

Time	Target Dens ppg	Actual Den ppg	Pressure 1 psi	F12 bpm	Mass Dens ppg	Dry-Cem ta lbm/min	F12TOT bbl
00:00:02	12.60	7.77	0	0.0	7.77	0.0	0.6
00:01:00	12.60	8.31	135	0.0	8.32	0.0	0.0
00:02:00	8.32	0.00	27	0.3	57.49	25.0	79.4
00:03:00	8.33	0.00	6223	0.5	57.49	6296.0	83.6
00:04:00	12.60	8.32	6194	0.0	8.32	0.0	0.5
00:05:00	12.60	8.31	0	0.0	8.31	0.0	0.5
00:06:00	12.60	8.31	25	0.0	0.00	0.0	0.5
00:07:00	12.60	8.33	70	0.0	0.05	0.0	0.1
00:08:00	12.60	8.31	354	7.7	8.31	0.0	7.6
00:09:00	12.60	8.32	227	7.7	8.32	0.0	15.3
00:10:00	12.60	8.31	251	7.7	8.31	0.0	23.1
00:11:00	12.60	8.31	177	7.7	8.31	0.0	31.1
00:12:00	12.60	8.31	303	7.7	8.31	0.0	38.8
00:13:00	12.60	8.32	177	7.7	8.32	0.0	46.5

00:14:00	12.60	8.32	25	0.0	8.32	0.0	51.7
00:15:00	12.60	8.28	0	3.7	8.28	0.0	55.3
00:16:00	12.60	11.73	0	0.0	11.73	0.0	56.7
00:17:00	12.60	12.53	50	2.4	12.53	741.9	58.1
00:18:00	12.60	12.48	50	4.9	12.48	296.4	62.2
00:19:00	12.60	12.71	505	5.1	12.71	205.6	65.7
00:20:00	12.60	12.53	279	5.9	12.53	1503.2	69.8
00:21:00	12.60	12.63	303	4.9	12.63	1258.5	75.0
00:22:00	12.60	12.45	354	5.7	12.45	1737.1	80.5
00:23:00	12.60	12.74	328	4.5	12.74	998.3	85.1
00:24:00	12.60	12.56	278	4.6	12.56	998.8	89.4
00:25:00	12.60	12.76	783	6.3	12.76	1255.2	93.2
00:26:00	12.60	12.51	177	3.5	12.51	1250.2	98.3
00:27:00	12.60	12.63	556	4.0	12.63	1680.5	103.5
00:28:00	12.60	12.66	378	4.1	12.66	1190.5	107.5
00:29:00	12.60	12.54	379	4.7	12.54	1190.3	112.0
00:30:00	12.60	12.51	379	5.0	12.51	1291.2	116.9
00:31:00	12.60	12.28	202	3.5	12.28	633.1	121.8
00:32:00	12.60	12.52	480	5.7	12.52	1645.8	126.6
00:33:00	12.60	12.59	429	5.6	12.59	1388.1	132.3
00:34:00	12.60	12.48	354	5.2	12.48	1378.5	137.7
00:35:00	12.60	12.69	278	4.9	12.69	1389.8	142.7
00:36:00	12.60	12.63	429	5.1	12.63	1301.8	147.4
00:37:00	12.60	12.47	253	5.1	12.47	1398.2	152.4
00:38:00	12.60	12.54	429	5.6	12.54	1618.3	157.9
00:39:00	12.60	12.41	252	5.4	12.41	1678.5	163.4
00:40:00	12.60	12.44	177	3.8	12.44	1414.5	168.2
00:41:00	12.60	12.54	151	3.7	12.54	1188.8	172.3
00:42:00	12.60	12.37	151	3.0	12.37	1091.1	175.6
00:43:00	12.60	12.71	75	3.3	12.71	930.6	178.9
00:44:00	12.60	12.80	177	3.5	12.80	920.0	182.1
00:45:00	12.60	12.34	202	3.3	12.34	915.9	185.6
00:46:00	12.60	12.57	202	5.6	12.57	1581.9	190.6
00:47:00	12.60	12.65	531	5.7	12.65	1545.1	196.4
00:48:00	12.60	12.59	354	5.5	12.59	1664.1	201.9
00:49:00	12.60	12.53	429	5.8	12.53	1675.5	207.6
00:50:00	12.60	12.42	303	5.7	12.42	1654.1	213.4
00:51:00	12.60	12.58	505	5.9	12.58	1653.3	219.3
00:52:00	12.60	12.67	605	5.9	12.67	1670.2	225.0
00:53:00	12.60	12.40	252	5.9	12.40	1685.8	230.9
00:54:00	12.60	12.60	278	6.0	12.60	1698.1	236.7
00:55:00	12.60	12.61	354	4.6	12.61	1294.7	242.2
00:56:00	12.60	12.48	328	4.6	12.48	1368.2	246.6
00:57:00	12.60	12.56	328	4.5	12.56	1463.3	251.3
00:58:00	12.60	12.74	379	4.7	12.74	1319.6	256.0
00:59:00	12.60	12.70	328	4.7	12.70	1368.0	260.6
01:00:00	12.60	12.57	328	4.7	12.57	1371.5	265.3
01:01:00	12.60	12.72	354	4.7	12.72	1367.2	270.1
01:02:00	12.60	12.50	278	6.1	12.50	1649.8	275.3
01:03:00	12.60	12.41	454	6.0	12.41	1644.5	281.1
01:04:00	12.60	12.62	328	4.8	12.62	1594.4	285.9
01:05:00	12.60	12.57	354	4.8	12.57	1476.7	290.8
01:06:00	12.60	12.80	303	4.8	12.80	1387.8	295.7
01:07:00	12.60	12.65	252	3.5	12.65	1350.3	300.2
01:08:00	12.60	12.56	480	5.3	12.56	1368.0	304.7

01:09:00	12.60	12.53	531	6.1	12.53	1669.4	310.8
01:10:00	12.60	12.59	455	6.0	12.59	1704.1	316.6
01:11:00	12.60	12.52	530	6.0	12.52	1680.5	322.7
01:12:00	12.60	12.56	227	4.7	12.56	1443.7	328.6
01:13:00	12.60	12.66	303	4.7	12.66	1371.0	333.3
01:14:00	12.60	12.64	303	4.6	12.64	1360.4	337.8
01:15:00	12.60	12.41	278	4.7	12.41	1357.9	342.5
01:16:00	12.60	12.60	328	4.8	12.60	1373.2	347.3
01:17:00	12.60	12.52	328	4.7	12.52	1392.3	351.8
01:18:00	12.60	12.60	379	4.7	12.60	1388.8	356.6
01:19:00	12.60	12.61	328	4.8	12.61	1382.3	361.4
01:20:00	12.60	12.57	328	4.8	12.57	1389.1	366.2
01:21:00	12.60	12.85	354	4.8	12.85	1414.5	370.9
01:22:00	12.60	12.50	278	4.8	12.50	1392.2	375.7
01:23:00	12.60	12.05	75	2.0	12.05	1385.3	380.5
01:24:00	12.60	13.03	379	4.5	13.03	632.1	383.2
01:25:00	13.40	12.99	252	3.1	12.99	1127.9	387.0
01:26:00	13.40	13.04	177	3.7	13.04	1613.7	391.0
01:27:00	13.40	13.22	202	3.2	13.22	873.7	393.9
01:28:00	13.40	13.35	303	3.3	13.35	1150.2	397.4
01:29:00	13.40	12.68	75	0.0	12.68	0.0	399.3
01:30:00	13.40	12.25	328	3.5	12.25	1758.8	399.7
01:31:00	13.40	13.00	354	4.6	13.00	708.7	402.7
01:32:00	13.40	12.45	102	3.5	12.45	1132.2	407.3
01:33:00	13.40	12.73	227	3.5	12.73	1321.9	410.9
01:34:00	13.40	13.05	379	3.5	13.05	1237.6	414.4
01:35:00	13.40	13.07	227	3.3	13.07	1156.9	417.8
01:36:00	13.40	12.96	404	4.7	12.96	1618.4	421.5
01:37:00	13.40	12.62	278	4.8	12.62	1803.4	426.4
01:38:00	13.40	13.00	379	4.8	13.00	1885.2	431.3
01:39:00	13.40	12.89	455	4.8	12.89	1841.5	436.2
01:40:00	13.40	13.04	505	4.8	13.04	1796.5	440.8
01:41:00	13.40	12.97	354	4.8	12.97	1808.5	445.7
01:42:00	13.40	12.88	429	4.8	12.88	1804.5	450.5
01:43:00	13.40	13.17	429	4.7	13.17	1792.8	455.3
01:44:00	13.40	12.85	404	4.8	12.85	1680.6	459.9
01:45:00	13.40	13.12	379	4.8	13.12	1540.7	464.7
01:46:00	13.40	12.93	429	4.8	12.93	1652.4	469.6
01:47:00	13.40	12.77	404	4.9	12.77	1671.1	474.5
01:48:00	13.40	12.86	379	4.8	12.86	1747.8	479.2
01:49:00	13.40	13.02	404	4.8	13.02	1743.5	484.0
01:50:00	13.40	12.93	379	4.8	12.93	1728.4	488.9
01:51:00	13.40	13.04	429	4.8	13.04	1756.1	493.8
01:52:00	13.40	13.11	379	4.7	13.11	2494.9	498.4
01:53:00	13.40	12.79	354	4.9	12.79	1851.2	503.3
01:54:00	13.40	12.89	404	4.9	12.89	1760.5	508.2
01:55:00	13.40	12.98	404	4.8	12.98	1770.1	512.9
01:56:00	13.40	13.02	379	4.8	13.02	1795.1	517.8
01:57:00	13.40	12.89	404	4.9	12.89	1748.1	522.7
01:58:00	13.40	12.86	404	4.9	12.86	1770.5	527.6
01:59:00	13.40	12.88	379	4.8	12.88	1764.8	532.3
02:00:00	13.40	12.78	404	4.8	12.78	1767.1	537.2
02:01:00	13.40	12.49	328	4.8	12.49	1750.5	542.1
02:02:00	13.40	11.79	303	4.9	11.79	1929.0	546.7
02:03:00	13.40	12.98	404	4.9	12.98	1816.8	551.6

02:04:00	13.40	12.88	379	4.8	12.88	1822.5	556.5
02:05:00	13.40	12.96	379	4.8	12.96	1801.5	561.3
02:06:00	13.40	12.86	404	4.8	12.86	1777.5	566.0
02:07:00	13.40	12.79	354	4.8	12.79	1797.2	570.9
02:08:00	13.40	12.86	404	4.8	12.86	1899.2	575.8
02:09:00	13.40	12.82	404	4.8	12.82	1892.9	580.7
02:10:00	13.40	12.82	404	4.8	12.82	1839.4	585.3
02:11:00	13.40	12.76	429	4.9	12.76	1833.5	590.2
02:12:00	13.40	12.94	429	4.8	12.94	2034.3	595.2
02:13:00	13.40	12.83	379	4.9	12.83	1904.8	599.9
02:14:00	13.40	12.84	429	4.8	12.84	1844.8	604.8
02:15:00	13.40	12.91	379	4.8	12.91	1815.5	609.7
02:16:00	13.40	12.63	404	4.9	12.63	1822.6	614.4
02:17:00	13.40	12.63	278	4.3	12.63	1508.3	618.9
02:18:00	13.40	12.11	278	4.3	12.11	1541.0	623.3
02:19:00	13.40	12.63	252	4.4	12.63	1834.8	627.7
02:20:00	13.40	12.70	354	4.4	12.70	2061.6	631.9
02:21:00	13.40	12.79	404	4.8	12.79	1813.8	636.8
02:22:00	13.40	12.89	455	4.8	12.89	1710.4	641.7
02:23:00	13.40	12.33	328	4.8	12.33	1715.5	646.3
02:24:00	13.40	12.91	404	4.8	12.91	1818.6	651.2
02:25:00	13.40	12.99	404	4.8	12.99	1833.5	656.1
02:26:00	13.40	12.76	455	4.8	12.76	1753.5	660.9
02:27:00	13.40	12.77	379	4.9	12.77	1713.4	665.6
02:28:00	13.40	13.07	429	4.9	13.07	1862.2	670.5
02:29:00	13.40	13.03	404	4.8	13.03	1806.5	675.4
02:30:00	13.40	13.16	429	4.8	13.16	1813.2	680.1
02:31:00	13.40	12.13	354	4.9	12.13	1755.5	685.0
02:32:00	13.40	11.93	25	3.7	11.93	1789.8	689.9
02:33:00	13.40	12.70	25	2.7	12.70	0.0	692.8
02:34:00	13.40	12.90	50	1.5	12.90	1590.4	695.3
02:35:00	13.40	12.93	126	2.2	12.93	1171.9	697.4
02:36:00	13.40	12.95	202	3.6	12.95	1148.9	700.6
02:37:00	13.40	13.31	404	3.6	13.31	1130.2	704.1
02:38:00	13.40	13.09	227	3.5	13.09	1274.2	707.7
02:39:00	13.40	12.41	227	3.5	12.41	1249.9	711.3
02:40:00	13.40	12.63	303	3.6	12.63	1293.7	714.7
02:41:00	13.40	12.76	202	3.6	12.76	1268.9	718.3
02:42:00	13.40	12.70	303	3.6	12.70	1290.6	721.9
02:43:00	13.40	12.93	278	3.4	12.93	1289.9	725.5
02:44:00	13.40	12.82	202	3.5	12.82	1286.6	728.9
02:45:00	13.40	12.94	379	3.5	12.94	1383.0	732.4
02:46:00	13.40	12.65	151	3.6	12.65	1365.3	736.0
02:47:00	13.40	12.99	252	3.6	12.99	1326.3	739.7
02:48:00	13.40	12.84	151	3.6	12.84	1318.3	743.2
02:49:00	13.40	13.19	303	3.6	13.19	1309.3	746.8
02:50:00	13.40	12.85	151	2.3	12.85	1002.8	750.3
02:51:00	13.40	12.74	25	2.6	12.74	0.0	752.6
02:52:00	13.40	13.00	278	3.6	13.00	0.0	755.1
02:53:00	13.40	12.93	0	0.0	12.93	0.0	757.4
02:54:00	13.40	12.93	25	0.6	12.93	0.0	757.4
02:55:00	13.40	8.32	151	4.9	8.32	1.5	760.4
02:56:00	13.40	8.33	227	6.4	8.33	0.0	765.6
02:57:00	13.40	8.37	0	0.0	8.37	0.0	766.9
02:58:00	13.40	8.31	0	0.0	8.31	0.0	766.9

02:59:00	13.40	8.31	0	0.0	8.31	0.0	766.9
03:00:00	13.40	8.30	0	0.0	8.30	0.0	766.9
03:01:00	13.40	8.57	101	5.2	8.57	0.0	769.9
03:02:00	13.40	8.43	75	5.2	8.43	0.0	775.1
03:03:00	13.40	8.73	75	4.2	8.73	19.0	779.4
03:04:00	13.40	8.48	50	4.2	8.48	0.0	783.7
03:05:00	13.40	8.43	75	4.2	8.43	0.0	787.8
03:06:00	13.40	8.57	75	4.2	8.57	0.0	792.0
03:07:00	13.40	8.55	75	4.2	8.55	0.0	796.2
03:08:00	13.40	8.48	75	4.2	8.48	42.0	800.4
03:09:00	13.40	8.48	50	4.2	8.48	0.0	804.6
03:10:00	13.40	8.49	75	4.2	8.49	0.0	808.8
03:11:00	13.40	8.52	75	4.2	8.52	0.0	813.0
03:12:00	13.40	8.52	101	5.2	8.52	0.0	817.6
03:13:00	13.40	8.51	126	7.6	8.51	0.0	824.0
03:14:00	13.40	8.46	101	7.6	8.46	0.0	831.6
03:15:00	13.40	8.42	252	7.6	8.42	0.0	839.2
03:16:00	13.40	8.43	151	7.6	8.43	0.0	846.8
03:17:00	13.40	8.41	708	7.5	8.41	0.0	854.4
03:18:00	13.40	8.39	885	7.5	8.39	0.0	862.0
03:19:00	13.40	8.40	910	7.5	8.40	0.0	869.4
03:20:00	13.40	8.40	1087	7.5	8.40	0.0	876.9
03:21:00	13.40	8.40	1163	7.4	8.40	0.0	884.1
03:22:00	13.40	8.42	1365	7.4	8.42	0.0	891.6
03:23:00	13.40	8.37	1415	7.4	8.37	0.0	899.1
03:24:00	13.40	8.40	1036	7.1	8.40	0.0	906.5
03:25:00	13.40	8.40	960	4.3	8.40	0.0	911.0
03:26:00	13.40	8.40	1011	4.3	8.40	0.0	915.3
03:27:00	13.40	8.37	1062	4.3	8.37	0.0	919.6
03:28:00	13.40	8.37	1137	4.3	8.37	0.0	923.7
03:29:00	13.40	8.39	1213	4.3	8.39	0.0	928.0
03:30:00	13.40	8.40	1264	4.3	8.40	0.0	932.2
03:31:00	13.40	8.10	1112	0.4	8.10	0.0	935.8
03:32:00	13.40	8.39	1390	4.2	8.39	0.0	939.5
03:33:00	13.40	8.38	1365	3.0	8.38	0.0	942.8
03:34:00	13.40	8.40	1289	3.0	8.40	0.0	945.7
03:35:00	13.40	8.40	1239	3.0	8.40	74.0	948.8
03:36:00	13.40	8.40	1896	0.0	8.40	0.3	950.6
03:37:00	13.40	8.42	1947	0.0	8.42	91.4	950.6
03:38:00	13.40	8.41	25	0.0	8.41	90.7	950.6
03:39:00	13.40	8.40	25	0.0	8.40	1.3	950.6
03:40:00	13.40	8.40	25	0.0	8.40	0.0	950.6
03:41:00	13.40	8.40	25	0.0	8.40	0.0	950.6
03:42:00	13.40	8.41	25	0.0	8.41	0.0	950.6

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CONFIDENTIAL

William Production RMT Company
Daily Report

43-013-33758

WELL:	State Reservation Ridge 42-2	SIDETRACK:		DATE:	12/16/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E	REPORT NO.:	57
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	58.00

TODAY'S DEPTH:	12,018.0 (ft)	CONTRACTOR: Frontier Drilling	AFE#: WT13581	DAILY WELL COST	184,994.00 ($)
PREV. DEPTH:	12,018.0 (ft)	RIG NO: 8	Property ID: 62207308	CUM. WELL COST:	3,915,690.35 ($)
PROGRESS:	0.0 (ft)	ROT. HOURS: (hr)	CUM ROT HOURS: 725.75 (hr)	AFE AMOUNT:	0.00 ($)

LITHOLOGY:	SAND AND SHALE
PRESENT OPERATION:	NIPPLE DOWN -CLEAN PITS
ACTIVITY FORECAST:	RELEASE RIG @ 12:00
FORMATION:	

MUD GAS DATA

CONNECTION:	
TRIPDOWNTIME:	
BACKGROUND:	

CASING / WELL CONTROL

LAST CASING:	4.500(in)
DEPTH:	12,005.0(ft)
LAST BOP PRESS TEST:	
L.O.T.EMW:	11.98(ppg)

DRILLING DATA

STRING WT UP:	
STRING WT DN:	
ST WT RT:	
TORQUE:	
PRESS:	
RATE:	
DP AV:	
DC AV:	

WEATHER

GENERAL:	

PERSONNEL ON SITE

SUPERVISOR:	Brent Bascom
ENGNEER:	D-Allan Scharf

GENERAL

RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	Y

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS
9,178.9	6.10	208.10	9,161.13	-434.21	-304.79	-434.21	0.21
9,336.0	4.10	174.40	9,317.63	-447.30	-307.92	-447.30	2.15
9,626.0	3.80	212.10	9,606.99	-465.76	-312.01	-465.76	0.88
10,127.0	3.50	197.00	10,106.99	-494.45	-325.31	-494.45	0.20
10,592.0	2.70	222.00	10,571.32	-516.16	-336.79	-516.16	0.33
11,928.0	4.30	192.00	11,904.90	-588.55	-368.26	-588.55	0.18

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R
19/2	8.500		16	12,018.0											

MUD DATA

MUD TYPE			
DENSITY (IN/OUT	(ppg)	ECD:	(ppg)
GELS (10S/10M):	/ (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	/	VISCOSITY:	(s/qt)
API WL:	(cc/30min)	HTHP	/
SOLIDS (CORR):	(%)	LGS:	(lbm/bbl)
SAND:	(%)	OIL:	(%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	(cc)	Pm	(cc)
pf:	(cc)	Mf:	(cc)
Cl	(ppm)	Ca+:	(ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	(°F)
MUD ENGINEER		CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	0.00 ($)
TODAY'S COST:	184,994.00 ($)	CUM COST:	127,791.15 ($)
COMMENTS:			

PUMP DATA

OP1: @	PUMP# 1	Liner Size
OP2: @	PUMP# 2	Liner Size

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	561.20
Integral Blade Stabilizer	2	3.28
Non-Mag Drill Collar	2	29.35
	2	28.74
Polycrystalline Diamond Bit	2	1.00
	2	1.50
TOTAL LENGTH:		626.87

MUD ADDITIVES

PROD.	AMOUNT

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
12:00	00:00	12.00		RELEASE RIG @ 12:00 NOON 12/16/07
00:00	12:00			NIPPLE DOWN - CLEAN PITS

William Production RMT Company
Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK:		DATE:	12/15/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E-	REPORT NO.:	56
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	57.00

TODAY'S DEPTH:	12,018.0 (ft)	CONTRACTOR: Frontier Drilling	AFE#: WT13581	DAILY WELL COST	142,018.54 ($)
PREV. DEPTH:	12,018.0 (ft)	RIG NO: 8	Property ID: 62207308	CUM. WELL COST:	3,730,696.35 ($)
PROGRESS:	0.0 (ft)	ROT. HOURS: (hr)	CUM ROT HOURS: 725.75 (hr)	AFE AMOUNT:	0.00 ($)

LITHOLOGY:	SAND AND SHALE
PRESENT OPERATION:	CIRCULATE AND RECIPROCATE CASING, WAIT ON CEMENTING EQUIPTMENT
ACTIVITY FORECAST:	CEMENT PRODUCTION CASING,NIPPLE DOWN ,CLEAN PITS.
FORMATION:	

MUD GAS DATA

CONNECTION:	
TRIPDOWNTIME:	
BACKGROUND:	

CASING / WELL CONTROL

LAST CASING:	
DEPTH:	
LAST BOP PRESS TEST:	
L.O.T.EMW:	

DRILLING DATA

STRING WT UP:	PRESS:	
STRING WT DN:	RATE:	
ST WT RT:	DP AV:	
TORQUE:	DC AV:	

WEATHER

GENERAL:

PERSONNEL ON SITE

SUPERVISOR:	Brent Bascom
ENGNEER:	D-Allan Scharf

GENERAL

RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS
9,178.9	6.10	206.10	9,161.13	-434.21	-304.79	-434.21	0.21
9,336.0	4.10	174.40	9,317.63	-447.30	-307.92	-447.30	2.15
9,626.0	3.80	212.10	9,606.99	-465.76	-312.01	-465.76	0.88
10,127.0	3.50	197.00	10,106.99	-494.45	-325.31	-494.45	0.20
10,592.0	2.70	222.00	10,571.32	-516.16	-336.79	-516.16	0.33
11,928.0	4.30	192.00	11,904.90	-588.55	-368.26	-588.55	0.18

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R
19/2	8.500		16	12,018.0											

MUD DATA

MUD TYPE	LOW SOLIDS		
DENSITY (IN/OUT	9.90 (ppg)	ECD:	(ppg)
GELS (10S/10M):	6.0/15.0 (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	22.00/27.000	VISCOSITY:	50.00 (s/qt)
API WL:	8.0 (cc/30min)	HTHP	@ 8.0/
SOLIDS (CORR):	11.80 (%)	LGS:	(lbm/bbl)
SAND:	1.00 (%)	OIL:	2.00 (%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	11.20 (cc)	Pm	3.00 (cc)
pf:	2.00 (cc)	Mf:	3.50 (cc)
Cl	900 (ppm)	Ca+:	20 (ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	(°F)
MUD ENGINEER	JOE MATHIS	CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	2,939.52 ($)
TODAY'S COST:	142,018.54 ($)	CUM COST:	127,791.15 ($)
COMMENTS:			

PUMP DATA

OP1: @ 12/14/20(	PUMP# 1	Liner Size
OP2: @	PUMP# 2	Liner Size

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	561.20
Integral Blade Stabilizer	2	3.28
Non-Mag Drill Collar	2	29.35
	2	28.74
TOTAL LENGTH:		626.87

MUD ADDITIVES

PROD.	AMOUNT
BENTONITE	65.00
EZ-Mud	2.00
PAC-R	10.00
TAX	1.00
	24.00

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
14:30	15:00	0.50		SAFETY MEETING - RIG UP BJ CEMENTERS
15:00	19:30	4.50		PUMP 50 BBL FRESH WATER AHEAD, 667 SX PREM.LITE II LEAD CMT, 12.6 PPG 2.10 CU.FT/SK -TAIL W/ 1082 SX PREM LITE II, 13.4 PPG, 1.78 CU.FT/SK.- DISPLACE W/ 178 BBL. KCL WATER.- 3 BBL/MIN SLOW RATE 1375 PSI - LAND PLUG W/ 550 PSI OVER. RELEASE PRESSURE ,FLOATS HELD.GOOD RETURNS DURING CEMENT AND DISPLACEMENT.
19:30	20:00	0.50		SET CASING SLIPS W/ 150,000
20:00	00:00	4.00		NIPPLE DOWN BOP
00:00	14:30			CIRCULATE AND RECIPROCATE CASING. WAIT ON EQUIPTMENT AND CEMENT TO BE DELIVERED.

William Production RMT Company
Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK:	DATE: 12/14/2007
EVENT:	DRILLING	LOCATION: 2-11-S-11-E	REPORT NO.: 55
OBJECTIVE:	EXPLORATORY	COUNTY: DUCHESNE UTAH	DAYS ON LOCATION: 56.00

TODAY'S DEPTH:	12,018.0 (ft) CONTRACTOR: Frontier Drilling	AFE#: WT13581	DAILY WELL COST 49,621.32 ($)
PREV. DEPTH:	12,018.0 (ft) RIG NO: 8	Property ID: 62207308	CUM. WELL COST: 3,588,677.81 ($)
PROGRESS:	0.0 (ft) ROT. HOURS: (hr)	CUM ROT HOURS: 725.75 (hr)	AFE AMOUNT: 0.00 ($)
LITHOLOGY:	SAND AND SHALE		
PRESENT OPERATION:	CIRC CASING, WAIT ON CEMENT DELIVERY		
ACTIVITY FORECAST:	CEMENT PRODUCTION CASING		
FORMATION:			

MUD GAS DATA

CONNECTION:	
TRIPDOWNTIME:	
BACKGROUND:	

CASING / WELL CONTROL

LAST CASING:	
DEPTH:	
LAST BOP PRESS TEST:	
L.O.T.EMW:	

DRILLING DATA

STRING WT UP:	PRESS:	
STRING WT DN:	RATE:	
ST WT RT:	DP AV:	
TORQUE:	DC AV:	

WEATHER

GENERAL:

PERSONNEL ON SITE

SUPERVISOR:	Brent Bascom
ENGNEER:	D-Allan Scharf

GENERAL

RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS
9,178.9	6.10	208.10	9,161.13	-434.21	-304.79	-434.21	0.21
9,336.0	4.10	174.40	9,317.63	-447.30	-307.92	-447.30	2.15
9,626.0	3.80	212.10	9,606.99	-465.76	-312.01	-465.76	0.86
10,127.0	3.50	197.00	10,106.99	-494.45	-325.31	-494.45	0.20
10,592.0	2.70	222.00	10,571.32	-516.16	-336.79	-516.16	0.33
11,928.0	4.30	192.00	11,904.90	-588.55	-368.26	-588.55	0.18

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R
19/2	8.500		16	12,018.0											

MUD DATA

MUD TYPE	LOW SOLIDS		
DENSITY (IN/OUT	9.90 (ppg)	ECD:	(ppg)
GELS (10S/10M):	6.0/15.0 (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	22.00/27.000	VISCOSITY:	88.00 (s/qt)
API WL:	8.0 (cc/30min)	HTHP @	8.0/
SOLIDS (CORR):	11.80 (%)	LGS:	(lbm/bbl)
SAND:	1.00 (%)	OIL:	2.00 (%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	11.20 (cc)	Pm	3.00 (cc)
pf:	2.00 (cc)	Mf:	3.50 (cc)
Cl	900 (ppm)	Ca+:	20 (ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	(°F)
MUD ENGINEER	JOE MATHIS	CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	0.00 ($)
TODAY'S COST:	49,621.32 ($)	CUM COST:	124,851.63 ($)
COMMENTS:			

PUMP DATA

OP1: @	PUMP# 1	Liner Size
OP2: @	PUMP# 2	Liner Size

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	561.20
Integral Blade Stabilizer	2	3.28
Non-Mag Drill Collar	2	29.35
	2	28.74
Polycrystalline Diamond Bit	2	1.00
	2	1.50
TOTAL LENGTH:		626.87

MUD ADDITIVES

PROD.	AMOUNT

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
07:30	00:00	16.50		CIRCULATE AND RECIPROCATE PROD.CASING
00:00	02:30	2.50		CIRCULATE CASING. RIG UP BJ CEMENTERS
02:30	05:30	3.00		SAFETY MEETING, PUMP PRODUCTION CEMENT. MECHANICAL PROBLEMS W/ PUMP TRUCK
05:30	07:30			CIRCULATE PRODUCTION CEMENT OUT OF HOLE W/ RIG PUMPS

William Production RMT Company
Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK		DATE:	12/13/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E	REPORT NO.:	54
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	55.00

TODAY'S DEPTH:	12,018.0 (ft)	CONTRACTOR: Frontier Drilling	AFE#: WT13581	DAILY WELL COST	217,707.97 ($)
PREV. DEPTH:	12,018.0 (ft)	RIG NO: 8	Property ID: 62207308	CUM. WELL COST:	3,539,056.49 ($)
PROGRESS:	0.0 (ft)	ROT. HOURS: (hr)	CUM ROT HOURS: 725.75 (hr)	AFE AMOUNT:	0.00 ($)

LITHOLOGY:	SAND AND SHALE
PRESENT OPERATION:	CIRCULATE PRODUCTION CEMENT OUT OF HOLE
ACTIVITY FORECAST:	CEMENT PROD CSG - SET SLIPS, CLEAN PITS - NIPPLE DOWN BOP - RELEASE RIG
FORMATION:	

MUD GAS DATA

CONNECTION:	
TRIPDOWNTIME:	
BACKGROUND:	

CASING / WELL CONTROL

LAST CASING:	
DEPTH:	
LAST BOP PRESS TEST:	
L.O.T.EMW:	

DRILLING DATA

STRING WT UP:	
STRING WT DN:	
ST WT RT:	
TORQUE:	
PRESS:	
RATE:	
DP AV:	
DC AV:	

WEATHER

GENERAL:

PERSONNEL ON SITE

SUPERVISOR:	Brent Bascom
ENGNEER:	D-Allan Scharf

GENERAL

RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS
9,178.9	6.10	206.10	9,161.13	-434.21	-304.79	-434.21	0.21
9,336.0	4.10	174.40	9,317.63	-447.30	-307.92	-447.30	2.15
9,626.0	3.80	212.10	9,606.99	-465.76	-312.01	-465.76	0.88
10,127.0	3.50	197.00	10,108.99	-494.45	-325.31	-494.45	0.20
10,592.0	2.70	222.00	10,571.32	-516.16	-336.79	-516.16	0.33
11,928.0	4.30	192.00	11,904.90	-568.55	-368.26	-568.55	0.18

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R
19/2	8.500		16	12,018.0	0.0		0.0	0.0	0						

MUD DATA

MUD TYPE	LOW SOLIDS		
DENSITY (IN/OUT	9.90 (ppg)	ECD:	(ppg)
GELS (10S/10M):	6.0/15.0 (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	22.00/27.000	VISCOSITY:	88.00 (s/qt)
API WL:	8.0 (cc/30min)	HTHP	@ 8.0/
SOLIDS (CORR):	11.80 (%)	LGS:	(lbm/bbl)
SAND:	1.00 (%)	OIL:	2.00 (%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	11.20 (cc)	Pm	3.00 (cc)
pf:	2.00 (cc)	Mf:	3.50 (cc)
Cl	900 (ppm)	Ca+:	20 (ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	(°F)
MUD ENGINEER	JOE MATHIS	CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	0.00 ($)
TODAY'S COST:	217,707.97 ($)	CUM COST:	124,851.63 ($)
COMMENTS:			

PUMP DATA

OP1: @ 12/13/200	PUMP# 1	Liner Size
OP2: @	PUMP# 2	Liner Size

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	561.20
Integral Blade Stabilizer	2	3.28
Non-Mag Drill Collar	2	29.35
	2	28.74
Polycrystalline Diamond Bit	2	1.00
	2	1.50
TOTAL LENGTH:		626.87

MUD ADDITIVES

PROD.	AMOUNT

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
07:00	12:00	5.00		DAY DOWN DP & COLLARS - BREAK KELLY
12:00	14:00	2.00		SAFETY MEETING. RIG UP CASERS
14:00	19:00	5.00		RUN 4.5" PROD. CASING
19:00	20:30	1.50		BREAK CIRCULATION. CIRC. GAS OUT.
20:30	23:30	3.00		RUN 279 JTS 4.5" 13.5# P-110 PROD. CASING TALLIED 12009.15 SET @ 12005'
23:30	00:00	0.50		CIRC.CASING
00:00	04:00	4.00		LAY DOWN DP
04:00	04:30	0.50		ADJUST BRAKES
04:30	07:00			TRIP IN HOLE

William Production RMT Company
Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK:		DATE:	12/12/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E-	REPORT NO.:	53
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	54.00

TODAY'S DEPTH:	12,018.0 (ft) CONTRACTOR: Frontier Drilling	AFE#:	WT13581	DAILY WELL COST	221,818.28 ($)
PREV. DEPTH:	12,018.0 (ft) RIG NO: 8	Property ID:	62207308	CUM. WELL COST:	3,321,348.52 ($)
PROGRESS:	0.0 (ft) ROT. HOURS: (hr)	CUM ROT HOURS: 725.75 (hr)		AFE AMOUNT:	0.00 ($)

LITHOLOGY:	SAND AND SHALE
PRESENT OPERATION:	LAY DOWN DP
ACTIVITY FORECAST:	LD/DP - RUN 4.5 PROD.CSG.- CEMENT CASING
FORMATION:	

MUD GAS DATA

CONNECTION:	
TRIPDOWNTIME:	
BACKGROUND:	

CASING / WELL CONTROL

LAST CASING:	
DEPTH:	
LAST BOP PRESS TEST:	11/29/2007
L.O.T.EMW:	

DRILLING DATA

STRING WT UP:	
STRING WT DN:	
ST WT RT:	
TORQUE:	
PRESS:	
RATE:	
DP AV:	
DC AV:	

WEATHER

GENERAL:	

PERSONNEL ON SITE

SUPERVISOR:	Brent Bascom
ENGNEER:	D-Allan Scharf

GENERAL

RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS
9,178.9	6.10	206.10	9,161.13	-434.21	-304.79	-434.21	0.21
9,336.0	4.10	174.40	9,317.63	-447.30	-307.92	-447.30	2.15
9,626.0	3.80	212.10	9,606.99	-465.76	-312.01	-465.76	0.88
10,127.0	3.50	197.00	10,106.89	-494.45	-325.31	-494.45	0.20
10,592.0	2.70	222.00	10,571.32	-516.16	-336.79	-516.16	0.33
11,928.0	4.30	192.00	11,904.90	-588.55	-358.26	-588.55	0.18

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION			
												T	B	G	R
19/2	8.500		16	12,018.0											

MUD DATA

MUD TYPE	LOW SOLIDS		
DENSITY (IN/OUT	9.90 (ppg)	ECD:	(ppg)
GELS (10S/10M):	6.0/15.0 (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	22.00/27.000	VISCOSITY:	88.00 (s/qt)
API WL:	8.0 (cc/30min)	HTHP	@ 8.0/
SOLIDS (CORR):	11.80 (%)	LGS:	(lbm/bbl)
SAND:	1.00 (%)	OIL:	2.00 (%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	11.20 (cc)	Pm	3.00 (cc)
pf:	2.00 (cc)	Mf:	3.50 (cc)
Cl	900 (ppm)	Ca+:	20 (ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	(°F)
MUD ENGINEER	JOE MATHIS	CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	392.43 ($)
TODAY'S COST:	221,818.28 ($)	CUM COST:	124,851.83 ($)
COMMENTS:			

PUMP DATA

OP1: @ 12/12/200	PUMP# 1	Liner Size
OP2: @	PUMP# 2	Liner Size

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	561.20
TOTAL LENGTH:		626.87

MUD ADDITIVES

PROD.	AMOUNT
PAC-R	2.00
TAX	1.00

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
07:00	07:30	0.50		RIG SERVICE
07:30	21:00	13.50		LOGGING RUN #3, FMI - SONIC
21:00	23:00	2.00		TRIP IN HOLE TO 8500'
23:00	00:00	1.00		LAY DOWN DRILL PIPE
00:00	01:00	1.00		CIRCULATE AND CONDITION FOR LOGS
01:00	07:00			TRIP OUT FOR LGS

William Production RMT Company
Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK:		DATE:	12/11/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E-	REPORT NO.:	52
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	53.00

TODAY'S DEPTH:	12,018.0 (ft)	CONTRACTOR: Frontier Drilling	AFE#: WT13581	DAILY WELL COST	30,014.00 ($)
PREV. DEPTH:	12,018.0 (ft)	RIG NO: 8	Property ID: 62207308	CUM. WELL COST:	3,099,530.24 ($)
PROGRESS:	0.0 (ft)	ROT. HOURS: (hr)	CUM ROT HOURS: 725.75 (hr)	AFE AMOUNT:	0.00 ($)

LITHOLOGY:	SAND AND SHALE
PRESENT OPERATION:	RIG UP SCHLUMBERGER
ACTIVITY FORECAST:	CIRC - TOOH - LOG OPEN HOLE
FORMATION:	

MUD GAS DATA

CONNECTION:	
TRIPDOWNTIME:	
BACKGROUND:	

CASING / WELL CONTROL

LAST CASING:	
DEPTH:	
LAST BOP PRESS TEST:	
L.O.T.EMW:	

DRILLING DATA

STRING WT UP:	PRESS:
STRING WT DN:	RATE:
ST WT RT:	DP AV:
TORQUE:	DC AV:

WEATHER

GENERAL:

PERSONNEL ON SITE

SUPERVISOR:	Brent Bascom
ENGNEER:	D-Allan Scharf

GENERAL

RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS
9,178.9	6.10	206.10	9,161.13	-434.21	-304.79	-434.21	0.21
9,336.0	4.10	174.40	9,317.63	-447.30	-307.92	-447.30	2.15
9,626.0	3.80	212.10	9,606.99	-465.76	-312.01	-465.76	0.68
10,127.0	3.50	197.00	10,106.99	-494.45	-325.31	-494.45	0.20
10,592.0	2.70	222.00	10,571.32	-516.16	-336.79	-516.16	0.33
11,928.0	4.30	192.00	11,904.90	-588.55	-368.26	-588.55	0.18

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R
19/2	8.500		16	12,018.0	0.0		0.0	0.0	30						

MUD DATA

MUD TYPE	LOW SOLIDS		
DENSITY (IN/OUT	9.90 (ppg)	ECD:	(ppg)
GELS (10S/10M):	6.0/15.0 (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	22.00/27.000	VISCOSITY:	88.00 (s/qt)
API WL:	8.0 (cc/30min)	HTHP	@ 8.0/
SOLIDS (CORR):	11.80 (%)	LGS:	(lbm/bbl)
SAND:	1.00 (%)	OIL:	2.00 (%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	11.20 (cc)	Pm	3.00 (cc)
pf:	2.00 (cc)	Mf:	3.50 (cc)
Cl	900 (ppm)	Ca+:	20 (ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	(°F)
MUD ENGINEER	JOE MATHIS	CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	0.00 ($)
TODAY'S COST:	30,014.00 ($)	CUM COST:	124,459.20 ($)
COMMENTS:			

PUMP DATA

OP1: @ 12/11/20C	PUMP# 1	Liner Size
OP2: @	PUMP# 2	Liner Size

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	561.20
Integral Blade Stabilizer	2	3.28
Non-Mag Drill Collar	2	29.35
	2	28.74
Polycrystalline Diamond Bit	2	1.00
	2	1.50
TOTAL LENGTH:		626.87

MUD ADDITIVES

PROD.	AMOUNT

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
13:00	15:00	2.00		RIG DOWN SCHLUMBERGER
15:00	18:00	3.00		TRIP IN HOLE
18:00	18:30	0.50		CUT AND SLIP 120' DRILL LINE
18:30	22:30	4.00		TRIP IN HOLE
22:30	00:00	1.50		CIRC AND COND FOR LOGS
00:00	13:00			LOG OPEN HOLE - RUN #2 SONIC FMI, LOG STOPPED @ 10400'- LOG OUT

William Production RMT Company
Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK:		DATE:	12/10/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E-	REPORT NO.:	51
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	52.00
TODAY'S DEPTH:	12,018.0 (ft)	CONTRACTOR:	Frontier Drilling	AFE#:	WT13581
PREV. DEPTH:	12,018.0 (ft)	RIG NO:	8	Property ID:	62207308
PROGRESS:	0.0 (ft)	ROT. HOURS:	(hr)	CUM ROT HOURS:	725.75 (hr)
LITHOLOGY:	SAND AND SHALE				
PRESENT OPERATION:	LOGGING				
ACTIVITY FORECAST:	TRIP - FINNISH LOGGING				
FORMATION:					

DAILY WELL COST	34,489.91 ($)
CUM. WELL COST:	3,069,516.24 ($)
AFE AMOUNT:	0.00 ($)

MUD GAS DATA

CONNECTION:	
TRIPDOWNTIME:	
BACKGROUND:	

CASING / WELL CONTROL

LAST CASING:	
DEPTH:	
LAST BOP PRESS TEST:	11/29/2007
L.O.T.EMW:	

DRILLING DATA

STRING WT UP:	
STRING WT DN:	
ST WT RT:	
TORQUE:	
PRESS:	
RATE:	
DP AV:	
DC AV:	

WEATHER

GENERAL:

PERSONNEL ON SITE

SUPERVISOR:	Brent Bascom
ENGNEER:	D-Allan Scharf

GENERAL

RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS
9,178.9	6.10	206.10	9,161.13	-434.21	-304.79	-434.21	0.21
9,336.0	4.10	174.40	9,317.63	-447.30	-307.92	-447.30	2.15
9,626.0	3.80	212.10	9,606.99	-465.76	-312.01	-465.76	0.88
10,127.0	3.50	197.00	10,106.99	-494.45	-325.31	-494.45	0.20
10,592.0	2.70	222.00	10,571.32	-516.16	-336.79	-516.16	0.33
11,926.0	4.30	192.00	11,904.90	-588.55	-368.26	-588.55	0.18

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R
12/1	8.500	KGR50													

MUD DATA

MUD TYPE	LOW SOLIDS		
DENSITY (IN/OUT	9.90 (ppg)	ECD:	(ppg)
GELS (10S/10M):	6.0/15.0 (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	22.00/27.000	VISCOSITY:	88.00 (s/qt)
API WL:	8.0 (cc/30min)	HTHP	@ 8.0/
SOLIDS (CORR):	11.80 (%)	LGS:	(lbm/bbl)
SAND:	1.00 (%)	OIL:	2.00 (%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	11.20 (cc)	Pm	3.00 (cc)
pf:	2.00 (cc)	Mf:	3.50 (cc)
Cl	900 (ppm)	Ca+:	20 (ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	(°F)
MUD ENGINEER	JOE MATHIS	CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	5,579.91 ($)
TODAY'S COST:	34,489.91 ($)	CUM COST:	124,459.20 ($)
COMMENTS:			

PUMP DATA

OP1: @ 12/10/20(	PUMP# 1	Liner Size
OP2: @	PUMP# 2	Liner Size

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	561.20
Integral Blade Stabilizer	2	3.28
Non-Mag Drill Collar	2	29.35
	2	28.74
Polycrystalline Diamond Bit	2	1.00
	2	1.50
TOTAL LENGTH:		626.87

MUD ADDITIVES

PROD.	AMOUNT
SAWDUST	225.00
PAC-R	12.00
TAX	1.00
	24.00
	5.00
	1.00
	40.00

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
07:00	07:30	0.50		RIG SERVICE
07:30	00:00	16.50		SAFETY MEETING, RIG UP SCHLUMBERGER, RUN #1 PLATFORM EXPRESS, LOGGERS TD 12008' TO 3502' - RUN #2 SONIC, FMI
00:00	01:00	1.00		CIRCULATE AND CONDITION MUD
01:00	02:00	1.00		SHORT TRIP 15 STDS.
02:00	07:00			TRIP OUT FOR LOGS

William Production RMT Company
Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK:		DATE:	12/8/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E-	REPORT NO.:	50
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	51.00

TODAY'S DEPTH:	12,018.0 (ft)	CONTRACTOR: Frontier Drilling	AFE#: WT13581	DAILY WELL COST	37,270.12 ($)
PREV. DEPTH:	11,710.0 (ft)	RIG NO: 8	Property ID: 62207308	CUM. WELL COST:	3,035,026.33 ($)
PROGRESS:	308.0 (ft)	ROT. HOURS: 18.00 (hr)	CUM ROT HOURS: 707.75 (hr)	AFE AMOUNT:	0.00 ($)

LITHOLOGY:	SAND AND SHALE
PRESENT OPERATION:	TRIP OUT FOR LOGS
ACTIVITY FORECAST:	TRIP OUT - LOG OPEN HOLE
FORMATION:	

MUD GAS DATA

CONNECTION:	
TRIPDOWNTIME:	
BACKGROUND:	

CASING / WELL CONTROL

LAST CASING:	
DEPTH:	
LAST BOP PRESS TEST:	11/29/2007
L.O.T.EMW:	

DRILLING DATA

STRING WT UP:	PRESS:	
STRING WT DN:	RATE:	
ST WT RT:	DP AV:	
TORQUE:	DC AV:	

WEATHER

GENERAL:	

PERSONNEL ON SITE

SUPERVISOR:	Brent Bascom
ENGINEER:	D-Allan Scharf

GENERAL

RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS
9,178.9	6.10	206.10	9,161.13	-434.21	-304.79	-434.21	0.21
9,336.0	4.10	174.40	9,317.63	-447.30	-307.92	-447.30	2.15
9,626.0	3.80	212.10	9,606.99	-465.76	-312.01	-465.76	0.68
10,127.0	3.50	197.00	10,106.99	-494.45	-325.31	-494.45	0.20
10,592.0	2.70	222.00	10,571.32	-516.16	-336.79	-516.16	0.33
11,928.0	4.30	192.00	11,904.90	-588.55	-368.26	-588.55	0.18

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R
24/1	8.500	HC506ZX	16	12,018.0	308.0		17.1	20.0	60						

MUD DATA

MUD TYPE	LOW SOLIDS		
DENSITY (IN/OUT	9.70 (ppg)	ECD:	(ppg)
GELS (10S/10M):	5.0/12.0 (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	22.00/20.000	VISCOSITY:	75.00 (s/qt)
API WL:	8.0 (cc/30min)	HTHP	@ 8.0/
SOLIDS (CORR):	10.30 (%)	LGS:	(lbm/bbl)
SAND:	1.00 (%)	OIL:	1.00 (%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	11.20 (cc)	Pm	3.30 (cc)
pf:	3.00 (cc)	Mf:	4.20 (cc)
Cl	900 (ppm)	Ca+:	80 (ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	(°F)
MUD ENGINEER	JOE MATHIS	CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	4,536.95 ($)
TODAY'S COST:	37,270.12 ($)	CUM COST:	118,879.29 ($)
COMMENTS:			

PUMP DATA

OP1: @	PUMP# 1	Liner Size
OP2: @ 12/8/2007	PUMP# 2	Liner Size

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	561.20
Integral Blade Stabilizer	2	3.28
Non-Mag Drill Collar	2	29.35
	2	28.74
Polycrystalline Diamond Bit	2	1.00
	2	1.50
TOTAL LENGTH:		626.87

MUD ADDITIVES

PROD.	AMOUNT
SAWDUST	225.00
PAC-R	5.00
CAUSTIC SODA	20.00
	7.00
TAX	1.00
	6.00
	5.00

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
14:00	14:30	0.50		RIG SERVICE
14:30	18:30	4.00		DRILLING
18:30	20:00	1.50		WIRELINE SURVEY @ 11928', 4.3 deg 192 az
20:00	00:00	4.00		CIRC. FOR LOGS
00:00	14:00			DRILLING 20K WOB, 400 GPM, 60 RPM, 750 SCF/MIN @ PARASITE STRING

William Production RMT Company
Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK		DATE:	12/8/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E-	REPORT NO.:	49
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	50.00

TODAY'S DEPTH:	11,710.0 (ft)	CONTRACTOR: Frontier Drilling	AFE#: WT13581	DAILY WELL COST	60,611.90 ($)
PREV. DEPTH:	11,452.0 (ft)	RIG NO: 8	Property ID: 62207308	CUM. WELL COST:	2,997,756.21 ($)
PROGRESS:	258.0 (ft)	ROT. HOURS: 22.50 (hr)	CUM ROT HOURS: 685.25 (hr)	AFE AMOUNT:	0.00 ($)

LITHOLOGY:	SAND AND SHALE
PRESENT OPERATION:	DRILLING @ 11784' MANCOS TOP +/- 11449'
ACTIVITY FORECAST:	DRILLING
FORMATION:	

MUD GAS DATA

CONNECTION:	
TRIPDOWNTIME:	
BACKGROUND:	

CASING / WELL CONTROL

LAST CASING:	
DEPTH:	
LAST BOP PRESS TEST:	11/29/2007
L.O.T.EMW:	

DRILLING DATA

STRING WT UP:	
STRING WT DN:	
ST WT RT:	
TORQUE:	
PRESS:	
RATE:	
DP AV:	
DC AV:	

WEATHER

GENERAL:	

PERSONNEL ON SITE

SUPERVISOR:	Brent Bascom
ENGNEER:	D-Allan Scharf

GENERAL

RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS
8,703.0	5.10	207.10	8,687.51	-392.67	-284.03	-392.67	0.65
9,178.9	6.10	206.10	9,161.13	-434.21	-304.79	-434.21	0.21
9,336.0	4.10	174.40	9,317.63	-447.30	-307.92	-447.30	2.15
9,626.0	3.80	212.10	9,606.99	-465.76	-312.01	-465.76	0.88
10,127.0	3.50	197.00	10,106.99	-494.45	-325.31	-494.45	0.20
10,592.0	2.70	222.00	10,571.32	-516.16	-336.79	-516.16	0.33

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R
24/1	8.500	HC506ZX	16	12,018.0	258.0		11.5	18.0	60						

MUD DATA

MUD TYPE	LOW SOLIDS		
DENSITY (IN/OUT	9.50 (ppg)	ECD:	(ppg)
GELS (10S/10M):	7.0/28.0 (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	22.00/20.000	VISCOSITY:	71.00 (s/qt)
API WL:	8.0 (cc/30min)	HTHP	@ 8.0/
SOLIDS (CORR):	8.50 (%)	LGS:	(lbm/bbl)
SAND:	0.25 (%)	OIL:	1.00 (%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	11.00 (cc)	Pm	3.00 (cc)
pf:	2.30 (cc)	Mf:	3.40 (cc)
Cl	800 (ppm)	Ca+:	80 (ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	(°F)
MUD ENGINEER	JOE MATHIS	CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	10,158.50 ($)
TODAY'S COST:	60,611.90 ($)	CUM COST:	114,342.34 ($)
COMMENTS:			

PUMP DATA

OP1: @ 12/8/2007	PUMP# 1	Liner Size
OP2: @	PUMP# 2	Liner Size

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	561.20
Integral Blade Stabilizer	2	3.28
Non-Mag Drill Collar	2	29.35
	2	28.74
Polycrystalline Diamond Bit	2	1.00
	2	1.50
	2	1.50
TOTAL LENGTH:		626.87

MUD ADDITIVES

PROD.	AMOUNT
SAWDUST	1,200.00
PAC-R	6.00
CAUSTIC SODA	6.00
	4.00
SAPP	1.00
	4.00
	48.00
	6.00

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
21:30	22:00	0.50		RIG SERVICE
22:00	00:00	2.00		DRILLING
00:00	01:30	1.50		DRILLING 20K WOB,60 RPM, 400 GPM, 1250 CFM @ PARASITE STRING
01:30	02:30	1.00		CIRC DRILLING BREAK BTTMS UP
02:30	21:30			DRILLING, 8-10% , 750 SCF/MIN

William Production RMT Company
Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK:		DATE:	12/7/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E	REPORT NO.:	48
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	49.00

TODAY'S DEPTH:	11,452.0 (ft)	CONTRACTOR: Frontier Drilling	AFE#: WT13581	DAILY WELL COST	34,315.96 ($)
PREV. DEPTH:	11,010.0 (ft)	RIG NO: 8	Property ID: 62207308	CUM. WELL COST:	2,937,144.31 ($)
PROGRESS:	442.0 (ft)	ROT. HOURS: 22.50 (hr)	CUM ROT HOURS: 662.75 (hr)	AFE AMOUNT:	0.00 ($)

LITHOLOGY:	SAND AND SHALE
PRESENT OPERATION:	06:00 DRILLING @ 11528'
ACTIVITY FORECAST:	DRILLING
FORMATION:	

MUD GAS DATA

CONNECTION:	
TRIPDOWNTIME:	
BACKGROUND:	

CASING / WELL CONTROL

LAST CASING:	
DEPTH:	
LAST BOP PRESS TEST:	
L.O.T.EMW:	

DRILLING DATA

STRING WT UP:	
STRING WT DN:	
ST WT RT:	
TORQUE:	
PRESS:	
RATE:	
DP AV:	
DC AV:	

WEATHER

GENERAL:	

PERSONNEL ON SITE

SUPERVISOR:	Brent Bascom
ENGINEER:	D-Allan Scharf

GENERAL

RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS
8,703.0	5.10	207.10	8,687.51	-392.67	-284.03	-392.67	0.65
9,178.9	6.10	206.10	9,161.13	-434.21	-304.79	-434.21	0.21
9,336.0	4.10	174.40	9,317.63	-447.30	-307.92	-447.30	2.15
9,626.0	3.80	212.10	9,606.99	-465.76	-312.01	-465.76	0.88
10,127.0	3.50	197.00	10,106.99	-494.45	-325.31	-494.45	0.20
10,592.0	2.70	222.00	10,571.32	-516.16	-336.79	-516.16	0.33

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R
24/1	8.500	HC506ZX	16	12,018.0	442.0		19.6	20.0	60						

MUD DATA

MUD TYPE	LOW SOLIDS		
DENSITY (IN/OUT	9.50 (ppg)	ECD:	(ppg)
GELS (10S/10M):	7.0/26.0 (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	22.00/20.000	VISCOSITY:	71.00 (s/qt)
API WL:	8.0 (cc/30min)	HTHP	@ 8.0/
SOLIDS (CORR):	8.50 (%)	LGS:	(lbm/bbl)
SAND:	0.25 (%)	OIL:	1.00 (%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	11.00 (cc)	Pm	4.20 (cc)
pf:	3.40 (cc)	Mf:	5.00 (cc)
Cl	1100 (ppm)	Ca+:	40 (ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	(°F)
MUD ENGINEER	JOE MATHIS	CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	1,051.96 ($)
TODAY'S COST:	34,315.96 ($)	CUM COST:	104,183.84 ($)
COMMENTS:			

PUMP DATA

OP1: @ 12/7/2007	PUMP# 1	Liner Size
OP2: @	PUMP# 2	Liner Size

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	561.20
Integral Blade Stabilizer	2	3.28
Non-Mag Drill Collar	2	29.35
	2	28.74
TOTAL LENGTH:		626.87

MUD ADDITIVES

PROD.	AMOUNT
PAC-R	3.00
CAUSTIC SODA	4.00
	2.00
TAX	1.00
	1.00

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
08:30	09:00	0.50		RIG SERVICE
09:00	10:00	1.00		WIRELINE SURVEY
10:00	00:00	14.00		DRILLING
00:00	08:30			DRILLING, 20K WOB, 60 RPM, 400 GPM, 1250 SCF/MIN.@ PARASITE STRING

William Production RMT Company
Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK:		DATE:	12/6/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E	REPORT NO.:	47
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	46.00

TODAY'S DEPTH:	11,010.0 (ft)	CONTRACTOR: Frontier Drilling	AFE#: WT13581	DAILY WELL COST	72,827.56 ($)
PREV. DEPTH:	10,848.0 (ft)	RIG NO: 8	Property ID: 62207308	CUM. WELL COST:	2,902,828.35 ($)
PROGRESS:	162.0 (ft)	ROT. HOURS: 13.50 (hr)	CUM ROT HOURS: 649.25 (hr)	AFE AMOUNT:	0.00 ($)

LITHOLOGY:	SAND AND SHALE
PRESENT OPERATION:	06:00
ACTIVITY FORECAST:	DRILLING
FORMATION:	

MUD GAS DATA

CONNECTION:	
TRIPDOWNTIME:	
BACKGROUND:	

CASING / WELL CONTROL

LAST CASING:	
DEPTH:	
LAST BOP PRESS TEST:	11/29/2007
L.O.T.EMW:	

DRILLING DATA

STRING WT UP:	
STRING WT DN:	
ST WT RT:	
TORQUE:	
PRESS:	
RATE:	
DP AV:	
DC AV:	

WEATHER

GENERAL:	

PERSONNEL ON SITE

SUPERVISOR:	Brent Bascom
ENGNEER:	D-Allan Scharf

GENERAL

RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS
8,703.0	5.10	207.10	8,687.51	-392.67	-284.03	-392.67	0.65
9,178.9	6.10	206.10	9,161.13	-434.21	-304.79	-434.21	0.21
9,336.0	4.10	174.40	9,317.63	-447.30	-307.92	-447.30	2.15
9,626.0	3.80	212.10	9,606.99	-465.76	-312.01	-465.76	0.88
10,127.0	3.50	197.00	10,106.99	-494.45	-325.31	-494.45	0.20
10,592.0	2.70	222.00	10,571.32	-516.16	-336.79	-516.16	0.33

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R
24/1	8.500	HC506ZX	16	12,018.0	119.0		21.6	16.0	45						

MUD DATA

MUD TYPE	LOW SOLIDS		
DENSITY (IN/OUT	9.40 (ppg)	ECD:	(ppg)
GELS (10S/10M):	25.0/35.0 (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	20.00/25.000	VISCOSITY:	64.00 (s/qt)
API WL:	6.8 (cc/30min)	HTHP	@ 6.8/
SOLIDS (CORR):	7.50 (%)	LGS:	(lbm/bbl)
SAND:	0.25 (%)	OIL:	1.00 (%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	11.00 (cc)	Pm	3.00 (cc)
pf:	2.35 (cc)	Mf:	6.00 (cc)
Cl	600 (ppm)	Ca+:	40 (ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	(°F)
MUD ENGINEER	Bil MURPHY	CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	1,143.04 ($)
TODAY'S COST:	72,827.56 ($)	CUM COST:	103,131.88 ($)
COMMENTS:			

PUMP DATA

OP1: @ 12/6/2007	PUMP# 1	Liner Size
OP2: @	PUMP# 2	Liner Size

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	561.20
Integral Blade Stabilizer	2	3.28
Non-Mag Drill Collar	2	29.35
	2	28.74
Polycrystalline Diamond Bit	2	1.00
TOTAL LENGTH:		626.87

MUD ADDITIVES

PROD.	AMOUNT
PAC-R	2.00
CAUSTIC SODA	11.00
	1.00
TAX	1.00
	3.00
	9.00

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
08:00	12:30	4.50		TRIP OUT
12:30	13:00	0.50		RIG SERVICE
13:00	18:00	5.00		TRIP IN HOLE W/ BIT #24
18:00	18:30	0.50		WASH 31' TO BOTTOM - NO FILL
18:30	00:00	5.50		DRILLING
00:00	08:00			DRILLING 20K WOB,400GPM,45 RPM,1200 SCF/MIN @ PARASITE STRING

William Production RMT Company
Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK:		DATE:	12/6/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E	REPORT NO.:	46
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	47.00

TODAY'S DEPTH:	10,848.0 (ft)	CONTRACTOR: Frontier Drilling	AFE#: WT13581	DAILY WELL COST	75,395.21 ($)
PREV. DEPTH:	10,777.0 (ft)	RIG NO: 8	Property ID: 62207308	CUM. WELL COST:	2,830,000.79 ($)
PROGRESS:	71.0 (ft)	ROT. HOURS: 10.50 (hr)	CUM ROT HOURS: 638.75 (hr)	AFE AMOUNT:	0.00 ($)

LITHOLOGY:	SAND AND SHALE
PRESENT OPERATION:	06:00 DRILLING @ 10870
ACTIVITY FORECAST:	DRILLING
FORMATION:	

MUD GAS DATA

CONNECTION:	
TRIPDOWNTIME:	
BACKGROUND:	

CASING / WELL CONTROL

LAST CASING:	
DEPTH:	
LAST BOP PRESS TEST:	11/29/2007
L.O.T.EMW:	

DRILLING DATA

STRING WT UP:	PRESS:	
STRING WT DN:	RATE:	
ST WT RT:	DP AV:	
TORQUE:	DC AV:	

WEATHER

GENERAL:

PERSONNEL ON SITE

SUPERVISOR:	Brent Bascom
ENGNEER:	D-Allan Scharf

GENERAL

RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS
8,703.0	5.10	207.10	8,687.51	-392.67	-284.03	-392.67	0.65
9,178.9	6.10	206.10	9,161.13	-434.21	-304.79	-434.21	0.21
9,336.0	4.10	174.40	9,317.63	-447.30	-307.92	-447.30	2.15
9,626.0	3.80	212.10	9,606.99	-465.76	-312.01	-465.76	0.88
10,127.0	3.50	197.00	10,106.99	-494.45	-325.31	-494.45	0.20
10,592.0	2.70	222.00	10,571.32	-516.16	-336.79	-516.16	0.33

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R
23/1	8.500	DSX168	12, 18	10,891.0	71.0		6.8	20.0	45				X	I	PR

MUD DATA

MUD TYPE	LOW SOLIDS		
DENSITY (IN/OUT	9.30 (ppg)	ECD:	(ppg)
GELS (10S/10M):	20.0/30.0 (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	20.00/25.000	VISCOSITY:	78.00 (s/qt)
API WL:	6.0 (cc/30min)	HTHP	@ 6.0/
SOLIDS (CORR):	7.50 (%)	LGS:	(lbm/bbl)
SAND:	0.25 (%)	OIL:	1.00 (%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	10.10 (cc)	Pm	2.40 (cc)
pf:	2.35 (cc)	Mf:	6.00 (cc)
Cl	600 (ppm)	Ca+:	40 (ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	(°F)
MUD ENGINEER	Bil MURPHY	CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	1,280.69 ($)
TODAY'S COST:	75,395.21 ($)	CUM COST:	101,988.84 ($)
COMMENTS:			

PUMP DATA

OP1: @	PUMP# 1	Liner Size
OP2: @	PUMP# 2	Liner Size

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	561.20
Integral Blade Stabilizer	2	3.28
Non-Mag Drill Collar	2	29.35
	2	28.74
Polycrystalline Diamond Bit	2	1.00
TOTAL LENGTH:		625.87

MUD ADDITIVES

PROD.	AMOUNT
SAWDUST	35.00
PAC-R	3.00
CAUSTIC SODA	9.00
TAX	1.00
	3.00
	5.00

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
08:00	08:00	2.00		CUT AND SLIP 400' DRILL LINE
08:00	08:30	0.50		RIG SERVICE
08:30	13:00	4.50		TRIP IN HOLE W/ BIT #23
13:00	13:30	0.50		WASH AND REAM TO BOTTOM
13:30	00:00	10.50		DRILLING
00:00	06:00	6.00		TRIP OUT FOR BIT, CHANGE OUT MUD MOTOR

William Production RMT Company
Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK:		DATE:	12/4/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E	REPORT NO.:	45
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	46.00

TODAY'S DEPTH:	10,777.0 (ft)	CONTRACTOR: Frontier Drilling	AFE#: WT13581	DAILY WELL COST	47,793.62 ($)
PREV. DEPTH:	10,672.0 (ft)	RIG NO: 8	Property ID: 62207308	CUM. WELL COST:	2,754,605.58 ($)
PROGRESS:	105.0 (ft)	ROT. HOURS: 13.50 (hr)	CUM ROT HOURS: 625.25 (hr)	AFE AMOUNT:	0.00 ($)

LITHOLOGY:	SAND AND SHALE
PRESENT OPERATION:	TRIP FOR BIT
ACTIVITY FORECAST:	TRIP IN HOLE - CONTINUE DRILLING FROM 10777
FORMATION:	

MUD GAS DATA

CONNECTION:	
TRIPDOWNTIME:	
BACKGROUND:	

CASING / WELL CONTROL

LAST CASING:	
DEPTH:	
LAST BOP PRESS TEST:	11/29/2007
L.O.T.EMW:	

DRILLING DATA

STRING WT UP:	
STRING WT DN:	
ST WT RT:	
TORQUE:	
PRESS:	
RATE:	
DP AV:	
DC AV:	

WEATHER

GENERAL:	

PERSONNEL ON SITE

SUPERVISOR:	Brent Bascom
ENGNEER:	D-Allan Scharf

GENERAL

RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS
8,703.0	5.10	207.10	8,687.51	-392.67	-284.03	-392.67	0.65
9,178.9	6.10	206.10	9,161.13	-434.21	-304.79	-434.21	0.21
9,336.0	4.10	174.40	9,317.63	-447.30	-307.92	-447.30	2.15
9,626.0	3.80	212.10	9,606.99	-465.76	-312.01	-465.76	0.88
10,127.0	3.50	197.00	10,108.99	-494.45	-325.31	-494.45	0.20
10,592.0	2.70	222.00	10,571.32	-516.16	-336.79	-516.16	0.33

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R
22/1	8.500	MI616	13, 16	10,777.0	95.0		8.3	18.0	45				X	I	PR

MUD DATA

MUD TYPE	LOW SOLIDS		
DENSITY (IN/OUT	9.30 (ppg)	ECD:	(ppg)
GELS (10S/10M):	20.0/30.0 (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	20.00/25.000	VISCOSITY:	78.00 (s/qt)
API WL:	6.0 (cc/30min)	HTHP	@ 6.0/
SOLIDS (CORR):	7.50 (%)	LGS:	(lbm/bbl)
SAND:	0.25 (%)	OIL:	1.00 (%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	10.10 (cc)	Pm	2.40 (cc)
pf:	2.35 (cc)	Mf:	6.00 (cc)
Cl	600 (ppm)	Ca+:	40 (ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	(°F)
MUD ENGINEER	Bll MURPHY	CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	1,247.41 ($)
TODAY'S COST:	47,793.62 ($)	CUM COST:	100,708.15 ($)
COMMENTS:			

PUMP DATA

OP1: @	PUMP# 1	Liner Size
OP2: @ 12/4/2007	PUMP# 2	Liner Size

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	561.20
Integral Blade Stabilizer	2	3.28
Non-Mag Drill Collar	2	29.35
	2	28.74
Polycrystalline Diamond Bit	2	1.00
	2	1.50
TOTAL LENGTH:		626.87

MUD ADDITIVES

PROD.	AMOUNT
PAC-R	1.00
CAUSTIC SODA	8.00
	4.00
TAX	1.00
	1.00
	2.00
	1.00

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
12:30	00:00	11.50		DRILLING 15K WOB, 400 GPM, 45 RPM, 1250 SCF/MIN. @ PARASITE STRING
00:00	02:00	2.00		DRILLING 18-20 K WOB, 400 GPM, 45 RPM
02:00	03:00	1.00		WIRE LINE SURVEY
03:00	12:30			TRIP FOR BIT #22

William Production RMT Company
Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK:		DATE:	12/3/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E	REPORT NO.:	44
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	45.00

TODAY'S DEPTH:	10,672.0 (ft)	CONTRACTOR: Frontier Drilling	AFE#: WT13581	DAILY WELL COST	36,407.17 ($)
PREV. DEPTH:	10,539.0 (ft)	RIG NO: 8	Property ID: 62207308	CUM. WELL COST:	2,706,811.96 ($)
PROGRESS:	133.0 (ft)	ROT. HOURS: 16.50 (hr)	CUM ROT HOURS: 608.75 (hr)	AFE AMOUNT:	0.00 ($)

LITHOLOGY:	SAND AND SHALE	MUD GAS DATA	
PRESENT OPERATION:	TRIP FOR BIT	CONNECTION:	
ACTIVITY FORECAST:	TRIP FOR BIT #22 - CONTINUE DRILLING FROM 10682'	TRIPDOWNTIME:	
FORMATION:		BACKGROUND:	

CASING / WELL CONTROL	DRILLING DATA		WEATHER	
LAST CASING:	STRING WT UP:	PRESS:	GENERAL:	
DEPTH:	STRING WT DN:	RATE:	PERSONNEL ON SITE	
LAST BOP PRESS TEST:	ST WT RT:	DP AV:	SUPERVISOR:	Brent Bascom
L.O.T.EMW:	TORQUE:	DC AV:	ENGNEER:	D-Allan Scharf

GENERAL	
RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS
8,228.0	4.10	170.00	8,213.94	-357.15	-277.36	-357.15	0.79
8,703.0	5.10	207.10	8,687.51	-392.67	-284.03	-392.67	0.65
9,178.9	6.10	206.10	9,161.13	-434.21	-304.79	-434.21	0.21
9,336.0	4.10	174.40	9,317.63	-447.30	-307.92	-447.30	2.15
9,626.0	3.80	212.10	9,606.99	-465.76	-312.01	-465.76	0.88
10,127.0	3.50	197.00	10,106.99	-494.45	-325.31	-494.45	0.20

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R
21/1	8.500	HC506ZX	16	10,682.0	133.0		8.1	20.0	45				X	I	PR

MUD DATA

MUD TYPE	LOW SOLIDS		
DENSITY (IN/OUT	9.30 (ppg)	ECD:	(ppg)
GELS (10S/10M):	20.0/30.0 (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	20.00/25.000	VISCOSITY:	78.00 (s/qt)
API WL:	6.0 (cc/30min)	HTHP	@ 6.0/
SOLIDS (CORR):	7.50 (%)	LGS:	(lbm/bbl)
SAND:	0.25 (%)	OIL:	1.00 (%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	10.10 (cc)	Pm	2.40 (cc)
pf:	2.35 (cc)	Mf:	6.00 (cc)
Cl	600 (ppm)	Ca+:	40 (ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	(°F)
MUD ENGINEER	Bil MURPHY	CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	924.17 ($)
TODAY'S COST:	36,407.17 ($)	CUM COST:	99,460.74 ($)
COMMENTS:			

PUMP DATA

OP1: @	PUMP# 1	Liner Size
OP2: @ 12/3/2007	PUMP# 2	Liner Size

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	561.20
Integral Blade Stabilizer	2	3.28
Non-Mag Drill Collar	2	29.35
	2	28.74
Polycrystalline Diamond Bit	2	1.00
	2	1.50
TOTAL LENGTH:		626.87

MUD ADDITIVES

PROD.	AMOUNT
SAWDUST	40.00
CAUSTIC SODA	9.00
	1.00
TAX	1.00
	2.00
	7.00
	1.00

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
07:00	07:30	0.50		WASH AND REAM 68' TO BOTTOM - NO FILL
07:30	15:00	7.50		DRILLING, 15K WOB,45 RPM 400GPM, 1500 SCF/MIN @ PARASITE STRING
15:00	15:30	0.50		RIG SERVICE
15:30	00:00	8.50		DRILLING
00:00	07:00			TRIP IN HOLR W/ BIT #21

William Production RMT Company
Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK:		DATE:	12/2/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E-	REPORT NO.:	43
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	44.00

TODAY'S DEPTH:	10,539.0 (ft)	CONTRACTOR: Frontier Drilling	AFE#: WT13581	DAILY WELL COST	63,122.67 ($)
PREV. DEPTH:	10,288.0 (ft)	RIG NO: 8	Property ID: 62207308	CUM. WELL COST:	2,670,404.79 ($)
PROGRESS:	251.0 (ft)	ROT. HOURS: 18.50 (hr)	CUM ROT HOURS: 590.25 (hr)	AFE AMOUNT:	0.00 ($)

LITHOLOGY:	SAND AND SHALE
PRESENT OPERATION:	
ACTIVITY FORECAST:	TRIP FOR BIT - CONTINUE DRILLING FROM 10539'
FORMATION:	

MUD GAS DATA

CONNECTION:	
TRIPDOWNTIME:	
BACKGROUND:	

CASING / WELL CONTROL

LAST CASING:	
DEPTH:	
LAST BOP PRESS TEST:	11/29/2007
L.O.T.EMW:	

DRILLING DATA

STRING WT UP:	
STRING WT DN:	
ST WT RT:	
TORQUE:	
PRESS:	
RATE:	
DP AV:	
DC AV:	

WEATHER

GENERAL:	

PERSONNEL ON SITE

SUPERVISOR:	Brent Bascom
ENGNEER:	D-Allan Scharf

GENERAL

RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS
8,228.0	4.10	170.00	8,213.94	-357.15	-277.36	-357.15	0.79
8,703.0	5.10	207.10	8,687.51	-392.67	-284.03	-392.67	0.65
9,178.9	6.10	206.10	9,161.13	-434.21	-304.79	-434.21	0.21
9,336.0	4.10	174.40	9,317.63	-447.30	-307.92	-447.30	2.15
9,626.0	3.80	212.10	9,606.99	-465.76	-312.01	-465.76	0.86
10,127.0	3.50	197.00	10,106.99	-494.45	-325.31	-494.45	0.20

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R
21/1	8.500	HC506ZX	16	10,682.0									X	I	PR

MUD DATA

MUD TYPE	LOW SOLIDS		
DENSITY (IN/OUT	9.30 (ppg)	ECD:	(ppg)
GELS (10S/10M):	25.0/35.0 (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	21.00/34.000	VISCOSITY:	78.00 (s/qt)
API WL:	6.0 (cc/30min)	HTHP	@ 6.0/
SOLIDS (CORR):	7.50 (%)	LGS:	(lbm/bbl)
SAND:	0.25 (%)	OIL:	1.00 (%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	10.10 (cc)	Pm	2.40 (cc)
pf:	2.35 (cc)	Mf:	6.00 (cc)
Cl	600 (ppm)	Ca+:	40 (ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	(°F)
MUD ENGINEER	Bil MURPHY	CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	1,295.39 ($)
TODAY'S COST:	63,122.67 ($)	CUM COST:	98,536.57 ($)
COMMENTS:			

PUMP DATA

OP1: @	PUMP# 1	Liner Size
OP2: @ 12/1/2007	PUMP# 2	Liner Size

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	561.20
Integral Blade Stabilizer	2	3.28
Non-Mag Drill Collar	2	29.35
	2	28.74
Polycrystalline Diamond Bit	2	1.00
	2	1.50
TOTAL LENGTH:		626.87

MUD ADDITIVES

PROD.	AMOUNT
PAC-R	4.00
CAUSTIC SODA	8.00
TAX	1.00
	1.00
	6.00
	2.00
	1.00

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
14:00	14:30	0.50		RIG SERVICE
14:30	19:00	4.50		DRILLING
19:00	00:00	5.00		TRIP FOR BIT
00:00	14:00			DRILLING 15-18K WOB, 45-50 RPM, 400 GPM, 1250 CFM @ PARASITE STRING

William Production RMT Company
Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK:		DATE:	12/1/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E	REPORT NO.:	42
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	43.00

TODAY'S DEPTH:	10,288.0 (ft)	CONTRACTOR: Frontier Drilling	AFE#: WT13581	DAILY WELL COST	63,621.70 ($)
PREV. DEPTH:	10,218.0 (ft)	RIG NO: 8	Property ID: 62207308	CUM. WELL COST:	2,607,282.12 ($)
PROGRESS:	70.0 (ft)	ROT. HOURS: 13.50 (hr)	CUM ROT HOURS: 576.75 (hr)	AFE AMOUNT:	0.00 ($)

LITHOLOGY:	SAND AND SHALE	MUD GAS DATA	
PRESENT OPERATION:	0600 DRILLING @ 10366'	CONNECTION:	
ACTIVITY FORECAST:	DRILLING	TRIPDOWNTIME:	
FORMATION:		BACKGROUND:	

CASING / WELL CONTROL		DRILLING DATA		WEATHER	
LAST CASING:		STRING WT UP:	PRESS:	GENERAL:	
DEPTH:		STRING WT DN:	RATE:	PERSONNEL ON SITE	
LAST BOP PRESS TEST:		ST WT RT:	DP AV:	SUPERVISOR:	Brent Bascom
L.O.T.EMW:		TORQUE:	DC AV:	ENGNEER:	D-Allan Scharf

GENERAL

RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS
8,228.0	4.10	170.00	8,213.94	-357.15	-277.38	-357.15	0.79
8,703.0	5.10	207.10	8,687.51	-392.67	-284.03	-392.67	0.65
9,178.9	6.10	206.10	9,161.13	-434.21	-304.79	-434.21	0.21
9,336.0	4.10	174.40	9,317.63	-447.30	-307.92	-447.30	2.15
9,626.0	3.80	212.10	9,606.99	-465.76	-312.01	-465.76	0.88
10,127.0	3.50	197.00	10,106.99	-494.45	-325.31	-494.45	0.20

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R
20/1	8.500	HC506ZX	16	10,539.0									X	I	PR

MUD DATA

MUD TYPE	LOW SOLIDS		
DENSITY (IN/OUT	9.30 (ppg)	ECD:	(ppg)
GELS (10S/10M):	25.0/35.0 (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	14.00/34.000	VISCOSITY:	78.00 (s/qt)
API WL:	6.0 (cc/30min)	HTHP	@ 6.0/
SOLIDS (CORR):	7.50 (%)	LGS:	(lbm/bbl)
SAND:	0.25 (%)	OIL:	1.00 (%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	10.50 (cc)	Pm	2.40 (cc)
pf:	2.35 (cc)	Mf:	6.00 (cc)
Cl	600 (ppm)	Ca+:	40 (ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	(°F)
MUD ENGINEER	Bll MURPHY	CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	1,616.90 ($)
TODAY'S COST:	63,621.70 ($)	CUM COST:	97,241.18 ($)
COMMENTS:			

PUMP DATA

OP1: @ 12/1/2007	PUMP# 1	Liner Size
OP2: @	PUMP# 2	Liner Size

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	561.20
Integral Blade Stabilizer	2	3.28
Non-Mag Drill Collar	2	29.35
	2	28.74
TOTAL LENGTH:		626.87

MUD ADDITIVES

PROD.	AMOUNT
BENTONITE	41.00
PAC-R	5.00
	2.00
TAX	1.00
	4.00

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
13:30	14:00	0.50		RIG SERVICE
14:00	00:00	10.00		TRIP FOR BIT #20
00:00	13:30			DRILLING 46K WOB, 60 RPM

William Production RMT Company
Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK:		DATE:	11/30/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E	REPORT NO.:	41
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	42.00

TODAY'S DEPTH:	10,218.0 (ft)	CONTRACTOR: Frontier Drilling	AFE#: WT13581	DAILY WELL COST	33,263.21 ($)
PREV. DEPTH:	10,163.0 (ft)	RIG NO: 8	Property ID: 62207308	CUM. WELL COST:	2,543,660.42 ($)
PROGRESS:	55.0 (ft)	ROT. HOURS: 13.00 (hr)	CUM ROT HOURS: 563.75 (hr)	AFE AMOUNT:	0.00 ($)

LITHOLOGY:	SAND AND SHALE
PRESENT OPERATION:	06:00 DRILLING @ 10244
ACTIVITY FORECAST:	DRILLING - TRIP F/ BIT
FORMATION:	

MUD GAS DATA

CONNECTION:	
TRIPDOWNTIME:	
BACKGROUND:	

CASING / WELL CONTROL		DRILLING DATA		WEATHER	
LAST CASING:		STRING WT UP:	PRESS:	GENERAL:	
DEPTH:		STRING WT DN:	RATE:	**PERSONNEL ON SITE**	
LAST BOP PRESS TEST:		ST WT RT:	DP AV:	SUPERVISOR:	Brent Bascom
L.O.T.EMW:		TORQUE:	DC AV:	ENGNEER:	D-Allan Scharf

GENERAL

RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS
8,228.0	4.10	170.00	8,213.94	-357.15	-277.36	-357.15	0.79
8,703.0	5.10	207.10	8,687.51	-392.67	-284.03	-392.67	0.65
9,178.9	6.10	206.10	9,161.13	-434.21	-304.79	-434.21	0.21
9,336.0	4.10	174.40	9,317.63	-447.30	-307.92	-447.30	2.15
9,626.0	3.80	212.10	9,606.99	-465.76	-312.01	-465.76	0.88
10,127.0	3.50	197.00	10,106.99	-494.45	-325.31	-494.45	0.20

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R
19/1	8.500	F47HY	15	10,288.0	55.0		4.2	45.0	45				2	I	FM

MUD DATA

MUD TYPE	LOW SOLIDS		
DENSITY (IN/OUT	9.50 (ppg)	ECD:	(ppg)
GELS (10S/10M):	24.0/34.0 (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	18.00/20.000	VISCOSITY:	69.00 (s/qt)
API WL:	6.4 (cc/30min)	HTHP	@ 6.4/
SOLIDS (CORR):	10.00 (%)	LGS:	(lbm/bbl)
SAND:	0.50 (%)	OIL:	1.50 (%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	10.90 (cc)	Pm	2.40 (cc)
pf:	2.35 (cc)	Mf:	7.00 (cc)
Cl	600 (ppm)	Ca+:	40 (ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	(°F)
MUD ENGINEER	Bll MURPHY	CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	2,393.21 ($)
TODAY'S COST:	33,263.21 ($)	CUM COST:	95,624.28 ($)
COMMENTS:			

PUMP DATA

OP1: @	PUMP# 1	Liner Size
OP2: @ 11/30/200	PUMP# 2	Liner Size

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	561.20
Integral Blade Stabilizer	2	3.28
Non-Mag Drill Collar	2	29.35
	2	28.74
Polycrystalline Diamond Bit	2	1.00
	2	1.50
TOTAL LENGTH:		626.87

MUD ADDITIVES

PROD.	AMOUNT
BENTONITE	10.00
SAWDUST	85.00
PAC-R	1.00
CAUSTIC SODA	15.00
	7.00
TAX	1.00
	1.00

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
07:00	07:30	0.50		WASH AND REAM THROUGH BRIDGE
07:30	08:00	0.50		TRIP IN HOLE
08:00	08:30	0.50		WASH AND REAM THROUGH BRIDGE
08:30	09:00	0.50		TRIP IN HOLE TO 10060'
09:00	10:00	1.00		WASH 103' TO BOTTOM, NO FILL
10:00	16:00	6.00		DRILLING, 15-40K WOB,45 RPM, 400 GPM, 1500 CKM @ PARASITE STRING
16:00	19:00	1.00		WIRELINE SURVEY @ 10127' 3.5 deg 197 az
19:00	00:00	5.00		DRILLING
00:00	03:00	3.00		TRIP OUT - MAKE UP BIT # 19
03:00	07:00			TRIP IN HOLE TO 9140'

William Production RMT Company
Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK:		DATE:	11/29/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E	REPORT NO.:	40
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	41.00

TODAY'S DEPTH:	10,163.0 (ft)	CONTRACTOR: Frontier Drilling	AFE#: WT13581	DAILY WELL COST	46,526.26 ($)
PREV. DEPTH:	10,133.0 (ft)	RIG NO: 8	Property ID: 62207308	CUM. WELL COST:	2,510,397.21 ($)
PROGRESS:	30.0 (ft)	ROT. HOURS: 7.50 (hr)	CUM ROT HOURS: 556.25 (hr)	AFE AMOUNT:	0.00 ($)

LITHOLOGY:	SAND AND SHALE
PRESENT OPERATION:	TRIP F/ BIT
ACTIVITY FORECAST:	TRIP F/ BIT - DRILLING
FORMATION:	L.CASTLEGATE

MUD GAS DATA

CONNECTION:	
TRIPDOWNTIME:	
BACKGROUND:	

CASING / WELL CONTROL

LAST CASING:	
DEPTH:	
LAST BOP PRESS TEST:	11/29/2007
L.O.T.EMW:	

DRILLING DATA

STRING WT UP:	PRESS:	
STRING WT DN:	RATE:	
ST WT RT:	DP AV:	
TORQUE:	DC AV:	

WEATHER

GENERAL:	

PERSONNEL ON SITE

SUPERVISOR:	Brent Bascom
ENGNEER:	D-Allan Scharf

GENERAL

RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS
7,722.0	4.10	228.50	7,709.03	-327.34	-266.95	-327.34	0.05
8,228.0	4.10	170.00	8,213.94	-357.15	-277.36	-357.15	0.79
8,703.0	5.10	207.10	8,687.51	-392.67	-284.03	-392.67	0.65
9,178.9	6.10	206.10	9,161.13	-434.21	-304.79	-434.21	0.21
9,336.0	4.10	174.40	9,317.63	-447.30	-307.92	-447.30	2.15
9,626.0	3.80	212.10	9,608.99	-465.76	-312.01	-465.76	0.88

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R
18/1	8.500	HP53	15	10,163.0	30.0		4.0	45.0	65						

MUD DATA

MUD TYPE	LOW SOLIDS		
DENSITY (IN/OUT	9.60 (ppg)	ECD:	(ppg)
GELS (10S/10M):	4.0/10.0 (lb/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	20.00/18.000	VISCOSITY:	65.00 (s/qt)
API WL:	6.4 (cc/30min)	HTHP	@ 6.4/
SOLIDS (CORR):	10.00 (%)	LGS:	(lbm/bbl)
SAND:	0.50 (%)	OIL:	1.50 (%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	11.00 (cc)	Pm	3.00 (cc)
pf:	(cc)	Mf:	(cc)
Cl	600 (ppm)	Ca+:	40 (ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	(°F)
MUD ENGINEER	Bil MURPHY	CUM. WATER:	(bbl)
O/W	/(%)	DAILY COST	820.26 ($)
TODAY'S COST:	46,526.26 ($)	CUM COST:	93,231.07 ($)
COMMENTS:			

PUMP DATA

OP1: @	PUMP# 1	Liner Size
OP2: @ 11/29/200	PUMP# 2	Liner Size

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	561.20
Integral Blade Stabilizer	2	3.28
Non-Mag Drill Collar	2	29.35
	2	28.74
Polycrystalline Diamond Bit	2	1.00
TOTAL LENGTH:		626.87

MUD ADDITIVES

PROD.	AMOUNT
SAWDUST	10.00
CAUSTIC SODA	12.00
	2.00
TAX	1.00
	1.00
	1.00

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
08:30	11:00	2.50		TRIP IN HOLE TO CSG.SHOE.
11:00	12:00	1.00		CUT & SLIP 130' DRILL LINE
12:00	14:30	2.50		TRIP IN HOLE
14:30	22:00	7.50		DRILLING 46K WOB, 65 RPM, 400 GPM, 1500 SCF/MIN.@ P.S.
22:00	00:00	2.00		TRIP F/ BIT
00:00	01:00	1.00		TRIP OUT DUE TO MOTOR FAILURE
01:00	08:30			PRESSURE TEST UPPEER LOWER KELLY, PIPE &BLIND RAMS, KILL & CHOKE LINE VALVES, CHOKE MANIF., SAFETY VALVES -250PSI LOW/3000 PSI HIGH, ANNULAR BOP 250/3000 PSI. GOOD TEST.

William Production RMT Company
Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK:		DATE:	11/28/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E	REPORT NO.:	39
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	40.00

TODAY'S DEPTH:	10,133.0 (ft)	CONTRACTOR: Frontier Drilling	AFE#: WT13581	DAILY WELL COST	83,710.07 ($)
PREV. DEPTH:	10,084.0 (ft)	RIG NO: 8	Property ID: 62207308	CUM. WELL COST:	2,463,870.95 ($)
PROGRESS:	49.0 (ft)	ROT. HOURS: 16.50 (hr)	CUM ROT HOURS: 539.75 (hr)	AFE AMOUNT:	0.00 ($)

LITHOLOGY:	SAND AND SHALE
PRESENT OPERATION:	TRIP DUE TO MOTOR FAILURE
ACTIVITY FORECAST:	PRESSURE TEST B.O.P.E. - TRIP IN HOLE W/ BIT #18 - CONTINUE DRILLING FROM 10133'
FORMATION:	L.CASTLEGATE

MUD GAS DATA

CONNECTION:	
TRIPDOWNTIME:	
BACKGROUND:	

CASING / WELL CONTROL		DRILLING DATA		WEATHER	
LAST CASING:		STRING WT UP:	PRESS:	GENERAL:	
DEPTH:		STRING WT DN:	RATE:	PERSONNEL ON SITE	
LAST BOP PRESS TEST:	10/31/2007	ST WT RT:	DP AV:	SUPERVISOR:	Brent Bascom
L.O.T.EMW:		TORQUE:	DC AV:	ENGNEER:	D-Allan Scharf

GENERAL

RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS
7,722.0	4.10	228.50	7,709.03	-327.34	-266.95	-327.34	0.05
8,228.0	4.10	170.00	8,213.94	-357.15	-277.36	-357.15	0.79
8,703.0	5.10	207.10	8,687.51	-392.67	-284.03	-392.67	0.65
9,178.9	6.10	206.10	9,161.13	-434.21	-304.79	-434.21	0.21
9,336.0	4.10	174.40	9,317.63	-447.30	-307.92	-447.30	2.15
9,626.0	3.80	212.10	9,606.99	-465.76	-312.01	-465.76	0.88

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION			
												T	B	G	R
18/1	8.500	HP53	15	10,163.0											

MUD DATA

MUD TYPE	LOW SOLIDS		
DENSITY (IN/OUT	9.60 (ppg)	ECD:	(ppg)
GELS (10S/10M):	4.0/10.0 (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	20.00/18.000	VISCOSITY:	65.00 (s/qt)
API WL:	6.4 (cc/30min)	HTHP	@ 6.4/
SOLIDS (CORR):	10.00 (%)	LGS:	(lbm/bbl)
SAND:	0.50 (%)	OIL:	1.50 (%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	11.00 (cc)	Pm	3.00 (cc)
pf:	(cc)	Mf:	(cc)
Cl	600 (ppm)	Ca+:	40 (ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	(°F)
MUD ENGINEER	JOE MATHIS	CUM. WATER:	(bbl)
O/W	7 (%)	DAILY COST	1,021.52 ($)
TODAY'S COST:	83,710.07 ($)	CUM COST:	92,410.81 ($)
COMMENTS:			

PUMP DATA

OP1: @	PUMP# 1	Liner Size
OP2: @ 11/27/20(	PUMP# 2	Liner Size

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	561.20
Integral Blade Stabilizer	2	3.28
Non-Mag Drill Collar	2	29.35
	2	28.74
TOTAL LENGTH:		626.87

MUD ADDITIVES

PROD.	AMOUNT
PAC-R	2.00
CAUSTIC SODA	4.00
	3.00
TAX	1.00
	1.00

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
15:30	16:00	0.50		RIG SERVICE
16:00	20:30	4.50		DRILLING
20:30	00:00	3.50		TRIP DUE TO MOTOR FAILURE
00:00	03:00	3.00		TRIP IN HOLE
03:00	03:30	0.50		WASH AND REAM 50' TO BOTTOM
03:30	15:30			DRILLING, 400 GPM, 3-11K WOB, 430 BHRPM, 1500 SCF/MIN. @ PARASITE STRING

William Production RMT Company
Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK:		DATE:	11/27/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E-	REPORT NO.:	38
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	39.00

TODAY'S DEPTH:	10,084.0 (ft)	CONTRACTOR: Frontier Drilling	AFE#: WT13581	DAILY WELL COST	81,112.07 ($)
PREV. DEPTH:	10,027.0 (ft)	RIG NO: 8	Property ID: 62207308	CUM. WELL COST:	2,380,160.88 ($)
PROGRESS:	57.0 (ft)	ROT. HOURS: 15.00 (hr)	CUM ROT HOURS: 524.75 (hr)	AFE AMOUNT:	0.00 ($)

LITHOLOGY:	SAND AND SHALE
PRESENT OPERATION:	08:00 DRILLING @ 10095
ACTIVITY FORECAST:	DRILLING
FORMATION:	L.CASTLEGATE

MUD GAS DATA

CONNECTION:	
TRIPDOWNTIME:	
BACKGROUND:	

CASING / WELL CONTROL		DRILLING DATA		WEATHER	
LAST CASING:		STRING WT UP:	PRESS:	GENERAL:	
DEPTH:		STRING WT DN:	RATE:	PERSONNEL ON SITE	
LAST BOP PRESS TEST:	10/31/2007	ST WT RT:	DP AV:	SUPERVISOR:	Brent Bascom
L.O.T.EMW:		TORQUE:	DC AV:	ENGNEER:	D-Allan Scharf

GENERAL

RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS
7,722.0	4.10	228.50	7,709.03	-327.34	-266.95	-327.34	0.05
8,228.0	4.10	170.00	8,213.94	-357.15	-277.36	-357.15	0.79
8,703.0	5.10	207.10	8,687.51	-392.67	-284.03	-392.67	0.65
9,178.9	6.10	208.10	9,161.13	-434.21	-304.79	-434.21	0.21
9,336.0	4.10	174.40	9,317.63	-447.30	-307.92	-447.30	2.15
9,626.0	3.80	212.10	9,606.99	-465.76	-312.01	-465.76	0.88

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R
15/1	8.500	HR-S66DX	18	1,084.0	57.0		3.8	46.0	45				2	10	PR

MUD DATA

MUD TYPE	LOW SOLIDS		
DENSITY (IN/OUT	9.50 (ppg)	ECD:	(ppg)
GELS (10S/10M):	6.0/15.0 (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	24.00/20.000	VISCOSITY:	73.00 (s/qt)
API WL:	8.0 (cc/30min)	HTHP	@ 8.0/
SOLIDS (CORR):	10.00 (%)	LGS:	(lbm/bbl)
SAND:	0.50 (%)	OIL:	1.50 (%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	11.00 (cc)	Pm	3.60 (cc)
pf:	1.50 (cc)	Mf:	2.40 (cc)
Cl	800 (ppm)	Ca+:	40 (ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	(°F)
MUD ENGINEER	JOE MATHIS	CUM. WATER:	(bbl)
O/W	/(%)	DAILY COST	1,031.47 ($)
TODAY'S COST:	81,112.07 ($)	CUM COST:	91,389.29 ($)
COMMENTS:			

PUMP DATA

OP1: @ 11/28/200	PUMP# 1	Liner Size
OP2: @	PUMP# 2	Liner Size

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	561.20
Integral Blade Stabilizer	2	3.28
Non-Mag Drill Collar	2	29.35
	2	26.74
TOTAL LENGTH:		626.87

MUD ADDITIVES

PROD.	AMOUNT
PAC-R	5.00
CAUSTIC SODA	4.00
TAX	1.00
	1.00
	1.00

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
10:00	10:30	0.50		RIG SERVICE
10:30	15:30	5.00		DRILLING
15:30	19:30	4.00		TRIP OUT
15:30				TRIP OUT
19:30	22:30	3.00		PICK UP MM & BIT #17, TRIP IN HOLE TO CSG.SHOE
22:30	23:30	1.00		CUT & SLIP 100' DRILL LINE
23:30	00:00	0.50		TRIP IN HOLE
00:00	10:00			DRILLING 45K WOB,45 RPM,385 GPM, 1500 SCF/MIN DOWN PARASITE STRING

William Production RMT Company
Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK:		DATE:	11/26/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E	REPORT NO.:	37
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	38.00

TODAY'S DEPTH:	10,027.0 (ft)	CONTRACTOR: Frontier Drilling	AFE#: WT13581	DAILY WELL COST	62,694.78 ($)
PREV. DEPTH:	9,989.0 (ft)	RIG NO: 8	Property ID: 62207308	CUM. WELL COST:	2,299,048.81 ($)
PROGRESS:	58.0 (ft)	ROT. HOURS: 14.50 (hr)	CUM ROT HOURS: 510.25 (hr)	AFE AMOUNT:	0.00 ($)

LITHOLOGY:	SAND AND SHALE	MUD GAS DATA	
PRESENT OPERATION:	0600 DRILLING @10046	CONNECTION:	
ACTIVITY FORECAST:	DRILLING	TRIPDOWNTIME:	
FORMATION:	CASTLEGATE	BACKGROUND:	

CASING / WELL CONTROL		DRILLING DATA		WEATHER	
LAST CASING:		STRING WT UP:	PRESS:	GENERAL:	
DEPTH:		STRING WT DN:	RATE:	PERSONNEL ON SITE	
LAST BOP PRESS TEST:	10/31/2007	ST WT RT:	DP AV:	SUPERVISOR:	Brent Bascom
L.O.T.EMW:		TORQUE:	DC AV:	ENGNEER:	D-Allan Scharf

GENERAL	
RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EM(-)	VS.	DLS
7,722.0	4.10	228.50	7,709.03	-327.34	-266.95	-327.34	0.05
8,228.0	4.10	170.00	8,213.94	-357.15	-277.36	-357.15	0.79
8,703.0	5.10	207.10	8,687.51	-392.67	-284.03	-392.67	0.65
9,178.9	6.10	206.10	9,161.13	-434.21	-304.79	-434.21	0.21
9,336.0	4.10	174.40	9,317.63	-447.30	-307.92	-447.30	2.15
9,826.0	3.80	212.10	9,606.99	-465.76	-312.01	-465.76	0.88

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R
15/1	8.500	HR-S66DX	18, 18	1,084.0	6.0		3.0	45.0	45				2	10	PR

MUD DATA

MUD TYPE	LOW SOLIDS		
DENSITY (IN/OUT	9.50 (ppg)	ECD:	(ppg)
GELS (10S/10M):	6.0/12.0 (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	20.00/18.000	VISCOSITY:	73.00 (s/qt)
API WL:	8.0 (cc/30min)	HTHP	@ 8.0/
SOLIDS (CORR):	10.00 (%)	LGS:	(lbm/bbl)
SAND:	0.50 (%)	OIL:	1.50 (%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	11.00 (cc)	Pm	2.80 (cc)
pf:	1.50 (cc)	Mf:	2.40 (cc)
Cl	800 (ppm)	Ca+:	40 (ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	(°F)
MUD ENGINEER	JOE MATHIS	CUM. WATER:	(bbl)
O/W	/(%)	DAILY COST	0.00 ($)
TODAY'S COST:	62,694.78 ($)	CUM COST:	90,357.82 ($)
COMMENTS:			

PUMP DATA

OP1: @ 11/26/200	PUMP# 1	Liner Size
OP2: @	PUMP# 2	Liner Size

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	561.20
Integral Blade Stabilizer	2	3.28
Non-Mag Drill Collar	2	29.35
	2	28.74
Polycrystalline Diamond Bit	2	1.00
	2	1.50
TOTAL LENGTH:		626.87

MUD ADDITIVES

PROD.	AMOUNT

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
08:30	09:00	0.50		RIG SERVICE
09:00	13:00	4.00		DRILLING
13:00	22:00	9.00		TRIP FOR BIT#16
22:00	00:00	2.00		DRILLING W/ BIT #16
00:00	08:30			DRILLING, 45K WOB, 50 RPM, 385 GPM, 1500 SCF/MIN DOWN PARASITE STRING.

William Production RMT Company
Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK:		DATE:	11/25/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E	REPORT NO.:	36
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	37.00

TODAY'S DEPTH:	9,969.0 (ft)	CONTRACTOR: Frontier Drilling	AFE#: WT13581	DAILY WELL COST	39,950.63 ($)
PREV. DEPTH:	9,855.0 (ft)	RIG NO: 8	Property ID: 62207308	CUM. WELL COST:	2,236,354.03 ($)
PROGRESS:	114.0 (ft)	ROT. HOURS: 15.50 (hr)	CUM ROT HOURS: 494.75 (hr)	AFE AMOUNT:	0.00 ($)

LITHOLOGY:	SAND AND SHALE
PRESENT OPERATION:	0600 drilling @ 9985'
ACTIVITY FORECAST:	DRILLING
FORMATION:	CASTLEGATE

MUD GAS DATA

CONNECTION:	
TRIPDOWNTIME:	
BACKGROUND:	

CASING / WELL CONTROL		DRILLING DATA		WEATHER	
LAST CASING:	STRING WT UP:		PRESS:	GENERAL:	
DEPTH:	STRING WT DN:		RATE:	PERSONNEL ON SITE	
LAST BOP PRESS TEST	10/31/2007	ST WT RT:	DP AV:	SUPERVISOR:	Brent Bascom
L.O.T.EMW:		TORQUE:	DC AV:	ENGINEER:	D-Allan Scharf

GENERAL

RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS
7,722.0	4.10	228.50	7,709.03	-327.34	-266.95	-327.34	0.05
8,228.0	4.10	170.00	8,213.94	-357.15	-277.36	-357.15	0.79
8,703.0	5.10	207.10	8,687.51	-392.67	-284.03	-392.67	0.65
9,178.9	6.10	208.10	9,161.13	-434.21	-304.79	-434.21	0.21
9,336.0	4.10	174.40	9,317.63	-447.30	-307.92	-447.30	2.15
9,626.0	3.80	212.10	9,606.99	-465.76	-312.01	-465.76	0.88

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R
15/1	8.500	F57	15	10,021.0	0.0		0.0	0.0	0				2	1	PR

MUD DATA

MUD TYPE	LOW SOLIDS		
DENSITY (IN/OUT	9.50 (ppg)	ECD:	(ppg)
GELS (10S/10M):	4.0/8.0 (lbf/100ft²)	&KCL:	(lb*s^n/ft²)
PV/YP:	20.00/18.000	VISCOSITY:	65.00 (s/qt)
API WL:	6.0 (cc/30min)	HTHP	@ 6.0/
SOLIDS (CORR):	10.00 (%)	LGS:	(lbm/bbl)
SAND:	0.50 (%)	OIL:	1.50 (%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	10.50 (cc)	Pm	20.00 (cc)
pf:	1.80 (cc)	Mf:	2.00 (cc)
Cl	400 (ppm)	Ca+:	40 (ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	(°F)
MUD ENGINEER	JOE MATHIS	CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	1,178.63 ($)
TODAY'S COST:	39,950.63 ($)	CUM COST:	90,357.82 ($)
COMMENTS:			

PUMP DATA

OP1: @ 11/24/200	PUMP# 1 — Liner Size
OP2: @	PUMP# 2 — Liner Size

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	561.20
Integral Blade Stabilizer	2	3.28
Non-Mag Drill Collar	2	29.35
	2	28.74
Polycrystalline Diamond Bit	2	1.00
TOTAL LENGTH:		626.87

MUD ADDITIVES

PROD.	AMOUNT
SAWDUST	30.00
PAC-R	4.00
CAUSTIC SODA	5.00
TAX	1.00
	1.00
	1.00

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
11:30	12:00	0.50		RIG SERVICE
12:00	16:00	4.00		DRILLING
16:00	20:30	4.50		TRIP OUT, LAY DOWN 3PT NEAR BIT REAMER
20:30	00:00	3.50		PICK UP BIT #15 BIT SUB & 8.5" 3PT.RMR. TRIP IN HOLE
00:00	11:30			DRILLING, 45K WOB,50 RPM,385 GPM, 1000 SCF/MIN.@ PARASITE STRING

William Production RMT Company
Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK:		DATE:	11/24/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E	REPORT NO.:	35
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	36.00

TODAY'S DEPTH:	9,855.0 (ft)	CONTRACTOR: Frontier Drilling	AFE#: WT13581	DAILY WELL COST	33,799.23 ($)
PREV. DEPTH:	9,732.0 (ft)	RIG NO: 8	Property ID: 62207308	CUM. WELL COST:	2,196,403.40 ($)
PROGRESS:	123.0 (ft)	ROT. HOURS: 19.50 (hr)	CUM ROT HOURS: 475.25 (hr)	AFE AMOUNT:	0.00 ($)

LITHOLOGY:	SAND AND SHALE
PRESENT OPERATION:	0600 DRILLING @ 9902'
ACTIVITY FORECAST:	DRILLING
FORMATION:	CASTLEGATE

MUD GAS DATA

CONNECTION:	
TRIPDOWNTIME:	
BACKGROUND:	

CASING / WELL CONTROL		DRILLING DATA		WEATHER	
LAST CASING:		STRING WT UP:	PRESS:	GENERAL:	
DEPTH:		STRING WT DN:	RATE:	**PERSONNEL ON SITE**	
LAST BOP PRESS TEST:	10/31/2007	ST WT RT:	DP AV:	SUPERVISOR:	Brent Bascom
L.O.T.EMW:		TORQUE:	DC AV:	ENGNEER:	D-Allan Scharf

GENERAL

RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS
7,722.0	4.10	228.50	7,709.03	-327.34	-266.95	-327.34	0.05
8,228.0	4.10	170.00	8,213.94	-357.15	-277.36	-357.15	0.79
8,703.0	5.10	207.10	8,687.51	-392.67	-284.03	-392.67	0.65
9,178.9	6.10	206.10	9,161.13	-434.21	-304.79	-434.21	0.21
9,336.0	4.10	174.40	9,317.63	-447.30	-307.92	-447.30	2.15
9,626.0	3.80	212.10	9,606.99	-465.76	-312.01	-465.76	0.88

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R
14/1	8.500	F67Y0DR	16	9,989.0	123.0		6.3						2	4	PR

MUD DATA

MUD TYPE	LOW SOLIDS		
DENSITY (IN/OUT	9.40 (ppg)	ECD:	(ppg)
GELS (10S/10M):	4.0/8.0 (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	17.00/16.000	VISCOSITY:	67.00 (s/qt)
API WL:	7.6 (cc/30min)	HTHP	@ 7.6/
SOLIDS (CORR):	10.00 (%)	LGS:	(lbm/bbl)
SAND:	0.50 (%)	OIL:	1.50 (%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	10.00 (cc)	Pm	2.40 (cc)
pf:	2.00 (cc)	Mf:	3.10 (cc)
Cl	4000 (ppm)	Ca+:	40 (ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	(°F)
MUD ENGINEER	JOE MATHIS	CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	1,232.23 ($)
TODAY'S COST:	33,799.23 ($)	CUM COST:	89,179.19 ($)
COMMENTS:			

PUMP DATA

OP1: @	PUMP# 1	Liner Size
OP2: @ 11/24/20(	PUMP# 2	Liner Size

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	561.20
Integral Blade Stabilizer	2	3.28
Non-Mag Drill Collar	2	29.35
	2	28.74
TOTAL LENGTH:		626.87

MUD ADDITIVES

PROD.	AMOUNT
SAWDUST	15.00
PAC-R	5.00
CAUSTIC SODA	5.00
TAX	1.00
	1.00

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
11:00	11:30	0.50		RIG SERVIICE
11:30	13:30	2.00		DRILLING 5-45K WOB,50 RPM,385 GPM,1000 SCF/MIN PARASITE STR.
13:30	14:30	1.00		LEVEL DERRICK
14:30	00:00	9.50		DRILLING
00:00	02:00	2.00		BREAK CIRCULATION, CHANGE ROTATING HEAD RUBBER
02:00	02:30	0.50		TRIP IN HOLE
02:30	03:00	0.50		W&R 55' TO BOTTOM
03:00	11:00			DRILLING

William Production RMT Company
Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK:		DATE:	11/29/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E	REPORT NO.:	34
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	35.00

TODAY'S DEPTH:	9,732.0 (ft)	CONTRACTOR: Frontier Drilling	AFE#: WT13581	DAILY WELL COST	73,382.52 ($)
PREV. DEPTH:	9,680.0 (ft)	RIG NO: 8	Property ID: 62207308	CUM. WELL COST:	2,162,604.17 ($)
PROGRESS:	52.0 (ft)	ROT. HOURS: 11.50 (hr)	CUM ROT HOURS: 463.75 (hr)	AFE AMOUNT:	0.00 ($)

LITHOLOGY:	SAND AND SHALE
PRESENT OPERATION:	06:00 DRILLING @ 9747'
ACTIVITY FORECAST:	DRILLING
FORMATION:	CASTLEGATE

MUD GAS DATA

CONNECTION:	
TRIPDOWNTIME:	
BACKGROUND:	

CASING / WELL CONTROL

LAST CASING:	
DEPTH:	
LAST BOP PRESS TEST:	
L.O.T.EMW:	

DRILLING DATA

STRING WT UP:	
STRING WT DN:	
ST WT RT:	
TORQUE:	

PRESS:	
RATE:	
DP AV:	
DC AV:	

WEATHER

GENERAL:	

PERSONNEL ON SITE

SUPERVISOR:	Brent Bascom
ENGINEER:	D-Allan Scharf

GENERAL

RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS
7,722.0	4.10	228.50	7,709.03	-327.34	-266.95	-327.34	0.05
8,228.0	4.10	170.00	8,213.94	-357.15	-277.36	-357.15	0.79
8,703.0	5.10	207.10	8,687.51	-392.67	-284.03	-392.67	0.65
9,178.9	6.10	206.10	9,161.13	-434.21	-304.79	-434.21	0.21
9,336.0	4.10	174.40	9,317.63	-447.30	-307.92	-447.30	2.15
9,626.0	3.80	212.10	9,606.99	-465.76	-312.01	-465.76	0.88

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R
14/1	8.500	F67Y0DR	16	9,969.0	0.0		0.0						2	4	PR

MUD DATA

MUD TYPE	LOW SOLIDS		
DENSITY (IN/OUT	9.70 (ppg)	ECD:	(ppg)
GELS (10S/10M):	5.0/12.0 (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	18.00/16.000	VISCOSITY:	67.00 (s/qt)
API WL:	6.0 (cc/30min)	HTHP	@ 6.0/
SOLIDS (CORR):	10.00 (%)	LGS:	(lbm/bbl)
SAND:	0.50 (%)	OIL:	1.50 (%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	10.00 (cc)	Pm	2.40 (cc)
pf:	2.00 (cc)	Mf:	3.10 (cc)
Cl	4000 (ppm)	Ca+:	40 (ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	(°F)
MUD ENGINEER	JOE MATHIS	CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	0.00 ($)
TODAY'S COST:	73,382.52 ($)	CUM COST:	87,948.96 ($)
COMMENTS:			

PUMP DATA

OP1: @ 11/22/200	PUMP# 1	Liner Size
OP2: @	PUMP# 2	Liner Size

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	561.20
Integral Blade Stabilizer	2	3.28
Non-Mag Drill Collar	2	29.35
	2	28.74
Polycrystalline Diamond Bit	2	1.00
	2	1.50
TOTAL LENGTH:		626.87

MUD ADDITIVES

PROD.	AMOUNT

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
08:00	09:00	1.00		WIRELINE SURVEY @ 9626', 3.8 deg. 212.1 az
09:00	09:30	0.50		RIG SERVICE
09:30	13:00	3.50		DRILLING
13:00	18:30	5.50		TRIP FOR BIT, LAY DOWN MM,AND 3 PT REAMER
18:30	21:00	2.50		PICK UP 3 PT. NBR, TRIP IN HOLE W/ BIT #14 TO 3400'
21:00	22:00	1.00		CUT AND SLIP 130' DRILL LINE
22:00	00:00	2.00		TRIP IN HOLE333
00:00	08:00			DRILLING, 13K WOB, 400 GPM, 430 RPM @ BIT, 1000 SCF/MIN @ PARASITE STR.

William Production RMT Company
Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK:		DATE:	11/22/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E-	REPORT NO.:	33
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	34.00

TODAY'S DEPTH:	9,680.0 (ft) CONTRACTOR: Frontier Drilling		AFE#: WT13581	DAILY WELL COST	35,223.91 ($)
PREV. DEPTH:	9,565.0 (ft) RIG NO: 8		Property ID: 62207308	CUM. WELL COST:	2,089,221.65 ($)
PROGRESS:	115.0 (ft) ROT. HOURS: 20.00 (hr)	CUM ROT HOURS: 443.75 (hr)		AFE AMOUNT:	0.00 ($)

LITHOLOGY:	SAND AND SHALE
PRESENT OPERATION:	DRILLING @ 9705
ACTIVITY FORECAST:	DRILLING
FORMATION:	

MUD GAS DATA

CONNECTION:	
TRIPDOWNTIME:	
BACKGROUND:	

CASING / WELL CONTROL

LAST CASING:	
DEPTH:	
LAST BOP PRESS TEST:	10/31/2007
L.O.T.EMW:	

DRILLING DATA

STRING WT UP:	
STRING WT DN:	
ST WT RT:	
TORQUE:	

PRESS:	
RATE:	
DP AV:	
DC AV:	

WEATHER

GENERAL:

PERSONNEL ON SITE

SUPERVISOR:	Brent Bascom
ENGINEER:	D-Allan Scharf

GENERAL

RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EM(-)	VS.	DLS
7,214.0	1.60	245.50	7,213.08	-41.77	-91.65	-41.77	0.02
7,722.0	4.10	228.50	7,709.03	-327.34	-266.95	-327.34	0.05
8,228.0	4.10	170.00	8,213.94	-357.15	-277.36	-357.15	0.79
8,703.0	5.10	207.10	8,687.51	-392.67	-284.03	-392.67	0.65
9,178.9	6.10	206.10	9,161.13	-434.21	-304.79	-434.21	0.21
9,336.0	4.10	174.40	9,317.63	-447.30	-307.92	-447.30	2.15

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION			
												T	B	G	R
13/1	8.500	E1000G		9,732.0	115.0		5.8	13.0	70				X	1	PP

MUD DATA

MUD TYPE	LOW SOLIDS		
DENSITY (IN/OUT	9.70 (ppg)	ECD:	(ppg)
GELS (10S/10M):	5.0/12.0 (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	20.00/40.000	VISCOSITY:	40.00 (s/qt)
API WL:	7.2 (cc/30min)	HTHP	@ 7.2/
SOLIDS (CORR):	10.00 (%)	LGS:	(lbm/bbl)
SAND:	0.50 (%)	OIL:	1.50 (%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	10.00 (cc)	Pm	2.40 (cc)
pf:	2.00 (cc)	Mf:	3.10 (cc)
Cl	4000 (ppm)	Ca+:	40 (ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	(°F)
MUD ENGINEER	BILL MURPHY	CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	1,868.91 ($)
TODAY'S COST:	35,223.91 ($)	CUM COST:	87,946.96 ($)
COMMENTS:			

PUMP DATA

OP1: @	11/22/200 PUMP# 1	Liner Size
OP2: @	PUMP# 2	Liner Size

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	561.20
Integral Blade Stabilizer	2	3.28
Non-Mag Drill Collar	2	29.35
	2	28.74
Polycrystalline Diamond Bit	2	1.00
	2	1.50
	2	1.50
TOTAL LENGTH:		626.87

MUD ADDITIVES

PROD.	AMOUNT
SAWDUST	45.00
PAC-R	1.00
CAUSTIC SODA	17.00
TAX	1.00
	12.00
	6.00
	2.00
	1.00

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
15:00	15:30	0.50		RIG SERVICE
15:30	00:00	8.50		DRILLING
00:00	03:00	3.00		TRIP IN HOLE
03:00	03:30	0.50		WASH AND REAM 60' TO BOTTOM
03:30	15:00			DRILLING, 3-13K WOB,400 GPM,1100 SCF/MIN

William Production RMT Company
Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK:		DATE:	11/21/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E	REPORT NO.:	32
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	33.00

TODAY'S DEPTH:	9,565.0 (ft)	CONTRACTOR:	Frontier Drilling	AFE#:	WT13581
PREV. DEPTH:	9,506.0 (ft)	RIG NO:	8	Property ID:	62207308
PROGRESS:	59.0 (ft)	ROT. HOURS:	15.50 (hr)	CUM ROT HOURS:	428.25 (hr)

DAILY WELL COST	60,522.40 ($)
CUM. WELL COST:	2,053,997.74 ($)
AFE AMOUNT:	0.00 ($)

LITHOLOGY:	SAND AND SHALE
PRESENT OPERATION:	TRIP IN HOLE W/ BIT #13
ACTIVITY FORECAST:	DRILLING
FORMATION:	CASTLEGATE

MUD GAS DATA

CONNECTION:	
TRIPDOWNTIME:	
BACKGROUND:	

CASING / WELL CONTROL

LAST CASING:	
DEPTH:	
LAST BOP PRESS TEST:	10/31/2007
L.O.T.EMW:	

DRILLING DATA

STRING WT UP:	
STRING WT DN:	
ST WT RT:	
TORQUE:	

PRESS:	
RATE:	
DP AV:	
DC AV:	

WEATHER

GENERAL:	

PERSONNEL ON SITE

SUPERVISOR:	Brent Bascom
ENGNEER:	D-Allan Scharf

GENERAL

RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS
7,214.0	1.60	245.50	7,213.08	-41.77	-91.65	-41.77	0.02
7,722.0	4.10	228.50	7,709.03	-327.34	-266.95	-327.34	0.05
8,228.0	4.10	170.00	8,213.94	-357.15	-277.38	-357.15	0.79
8,703.0	5.10	207.10	8,687.51	-392.67	-284.03	-392.67	0.65
9,178.9	6.10	208.10	9,161.13	-434.21	-304.79	-434.21	0.21
9,336.0	4.10	174.40	9,317.63	-447.30	-307.92	-447.30	2.15

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R
13/1	8.500	E1000G		9,732.0			0.0						X	1	PP

MUD DATA

MUD TYPE	LOW SOLIDS		
DENSITY (IN/OUT	9.60 (ppg)	ECD:	(ppg)
GELS (10S/10M):	20.0/35.0 (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	25.00/20.000	VISCOSITY:	80.00 (s/qt)
API WL:	6.0 (cc/30min)	HTHP	@ 6.0/
SOLIDS (CORR):	9.50 (%)	LGS:	(lbm/bbl)
SAND:	0.50 (%)	OIL:	1.00 (%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	10.00 (cc)	Pm	(cc)
pf:	0.67 (cc)	Mf:	1.90 (cc)
Cl	900 (ppm)	Ca+:	80 (ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	(°F)
MUD ENGINEER	BILL MURPHY	CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	2,318.40 ($)
TODAY'S COST:	60,522.40 ($)	CUM COST:	86,078.05 ($)
COMMENTS:			

PUMP DATA

OP1: @	11/20/20C PUMP# 1	Liner Size
OP2: @	PUMP# 2	Liner Size

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	561.20
Integral Blade Stabilizer	2	3.28
Non-Mag Drill Collar	2	29.35
	2	28.74
Polycrystalline Diamond Bit	2	1.00
TOTAL LENGTH:		626.87

MUD ADDITIVES

PROD.	AMOUNT
SAWDUST	75.00
PAC-R	2.00
CAUSTIC SODA	8.00
	18.00
	10.00
	1.00

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
13:00	13:30	0.50		RIG SERVICE
13:30	16:00	2.50		DRILLING
16:00	00:00	8.00		TRIP OUT,CHANGE MUD MOTOR, TRIP IN HOLE W/ BIT #13
00:00	13:00			DRILLING W/ 15K WOB,400 CPM, 1500 CFM @ PARASITE STRING.

William Production RMT Company
Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK:		DATE:	11/20/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E	REPORT NO.:	31
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	32.00

TODAY'S DEPTH:	9,508.0 (ft) CONTRACTOR: Frontier Drilling		AFE#: WT13581	DAILY WELL COST	62,899.77 ($)
PREV. DEPTH:	9,432.0 (ft) RIG NO: 8		Property ID: 62207308	CUM. WELL COST:	1,993,475.34 ($)
PROGRESS:	74.0 (ft) ROT. HOURS: 21.00 (hr)		CUM ROT HOURS: 407.25 (hr)	AFE AMOUNT:	0.00 ($)

LITHOLOGY:	SAND AND SHALE
PRESENT OPERATION:	)6:00 DRILLING @ 9532'
ACTIVITY FORECAST:	DRILLING
FORMATION:	CASTLEGATE

MUD GAS DATA

CONNECTION:	
TRIPDOWNTIME:	
BACKGROUND:	

CASING / WELL CONTROL		DRILLING DATA	
LAST CASING:	STRING WT UP:	PRESS:	
DEPTH:	STRING WT DN:	RATE:	
LAST BOP PRESS TEST:	ST WT RT:	DP AV:	
L.O.T.EMW:	TORQUE:	DC AV:	

WEATHER

GENERAL:	

PERSONNEL ON SITE

SUPERVISOR:	Brent Bascom
ENGINEER:	D-Allan Scharf

GENERAL

RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS
7,214.0	1.60	245.50	7,213.08	-41.77	-91.65	-41.77	0.02
7,722.0	4.10	228.50	7,709.03	-327.34	-266.95	-327.34	0.05
8,226.0	4.10	170.00	8,213.94	-357.15	-277.36	-357.15	0.79
8,703.0	5.10	207.10	8,687.51	-392.67	-284.03	-392.67	0.65
9,178.9	6.10	206.10	9,161.13	-434.21	-304.79	-434.21	0.21
9,336.0	4.10	174.40	9,317.63	-447.30	-307.92	-447.30	2.15

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R
13/1	8.500	E1000G		9,732.0									X	1	PP

MUD DATA

MUD TYPE	LOW SOLIDS		
DENSITY (IN/OUT	9.70 (ppg)	ECD:	(ppg)
GELS (10S/10M):	0.0/15.0 (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	25.00/20.000	VISCOSITY:	70.00 (s/qt)
API WL:	6.0 (cc/30min)	HTHP	@ 6.0/
SOLIDS (CORR):	10.00 (%)	LGS:	(lbm/bbl)
SAND:	0.50 (%)	OIL:	1.00 (%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	10.00 (cc)	Pm	(cc)
pf:	0.50 (cc)	Mf:	1.75 (cc)
Cl	500 (ppm)	Ca+:	80 (ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	(°F)
MUD ENGINEER	BILL MURPHY	CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	1,574.08 ($)
TODAY'S COST:	62,899.77 ($)	CUM COST:	83,759.65 ($)
COMMENTS:			

PUMP DATA

OP1: @ 11/20/20(	PUMP# 1	Liner Size
OP2: @	PUMP# 2	Liner Size

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	561.20
Integral Blade Stabilizer	2	3.28
Non-Mag Drill Collar	2	29.35
	2	28.74
Polycrystalline Diamond Bit	2	1.00
TOTAL LENGTH:		626.87

MUD ADDITIVES

PROD.	AMOUNT
SAWDUST	30.00
PAC-R	3.00
CAUSTIC SODA	5.00
	6.00
	6.00
	2.00

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
13:30	14:00	0.50		RIG SERVICE
14:00	00:00	10.00		DRILLING
00:00	02:30	2.50		REAMING
02:30	13:30			DRILLIMG 15K WOB, 1500 SCF/MIN @P.S, 75 RPM, 435 RPM @ BIT

William Production RMT Company
Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK:		DATE:	11/19/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E	REPORT NO.:	30
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	31.00

TODAY'S DEPTH:	9,432.0 (ft)	CONTRACTOR: Frontier Drilling	AFE#: WT13581	DAILY WELL COST	58,986.88 ($)
PREV. DEPTH:	9,375.0 (ft)	RIG NO: 8	Property ID: 62207308	CUM. WELL COST:	1,930,575.57 ($)
PROGRESS:	57.0 (ft)	ROT. HOURS: 12.50 (hr)	CUM ROT HOURS: 394.75 (hr)	AFE AMOUNT:	0.00 ($)

LITHOLOGY:	SAND AND SHALE
PRESENT OPERATION:	DRILLING @ 9443
ACTIVITY FORECAST:	DRILLING
FORMATION:	PRICE RIVER

MUD GAS DATA

CONNECTION:	
TRIPDOWNTIME:	
BACKGROUND:	

CASING / WELL CONTROL

LAST CASING:	
DEPTH:	
LAST BOP PRESS TEST:	
L.O.T.EMW:	

DRILLING DATA

STRING WT UP:	
STRING WT DN:	
ST WT RT:	
TORQUE:	

PRESS:	
RATE:	
DP AV:	
DC AV:	

WEATHER

GENERAL:	

PERSONNEL ON SITE

SUPERVISOR:	Brent Bascom
ENGNEER:	D-Allan Scharf

GENERAL

RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS
7,214.0	1.60	245.50	7,213.08	-41.77	-91.65	-41.77	0.02
7,722.0	4.10	228.50	7,709.03	-327.34	-266.95	-327.34	0.05
8,228.0	4.10	170.00	8,213.94	-357.15	-277.36	-357.15	0.79
8,703.0	5.10	207.10	8,687.51	-392.67	-284.03	-392.67	0.65
9,178.9	6.10	208.10	9,161.13	-434.21	-304.79	-434.21	0.21
9,336.0	4.10	174.40	9,317.63	-447.30	-307.92	-447.30	2.15

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R
12/1	8.500	KGR50													

MUD DATA

MUD TYPE	LOW SOLIDS		
DENSITY (IN/OUT	9.70 (ppg)	ECD:	(ppg)
GELS (10S/10M):	12.0/20.0 (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	25.00/20.000	VISCOSITY:	70.00 (s/qt)
API WL:	6.8 (cc/30min)	HTHP	@ 6.8/
SOLIDS (CORR):	10.00 (%)	LGS:	(lbm/bbl)
SAND:	0.50 (%)	OIL:	1.00 (%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	10.00 (cc)	Pm	0.60 (cc)
pf:	0.50 (cc)	Mf:	1.75 (cc)
Cl	500 (ppm)	Ca+:	80 (ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	(°F)
MUD ENGINEER	BILL MURPHY	CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	2,547.88 ($)
TODAY'S COST:	58,986.88 ($)	CUM COST:	82,185.57 ($)
COMMENTS:			

PUMP DATA

OP1: @ 11/19/20C	PUMP# 1	Liner Size
OP2: @	PUMP# 2	Liner Size

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	561.20
Integral Blade Stabilizer	2	3.28
Non-Mag Drill Collar	2	29.35
	2	28.74
Polycrystalline Diamond Bit	2	1.00
	2	1.50
TOTAL LENGTH:		626.87

MUD ADDITIVES

PROD.	AMOUNT
BENTONITE	22.00
SAWDUST	25.00
PAC-R	9.00
CAUSTIC SODA	8.00
TAX	1.00
	3.00
	2.00

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
14:00	18:30	4.50		TRIP OUT, CHANGE OUT 3 PT. REAMER
18:30	23:00	4.50		PICK UP MUD MOTOR,.9 HI-SPEED,8.5" SMITH KRG50 DIAMOND IMPREG BIT, TRIP IN HOLE
23:00	00:00	1.00		WASH AND REAM
00:00	00:30	0.50		TRIP IN HOLE W/ BIT #11, BRIDGE @ 8691'
00:30	01:30	1.00		WASH AND REAM
01:30	14:00			DRILLING, 45K WOB, 50 RPM, 385 GPM,1000 SCF/MIN DP- 1000 SCF/MIN PARASITE STRING.

Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK:		DATE:	11/18/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E	REPORT NO.:	29
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	30.00

TODAY'S DEPTH:	9,375.0 (ft)	CONTRACTOR: Frontier Drilling	AFE#: WT13581	DAILY WELL COST	40,843.92 ($)
PREV. DEPTH:	9,341.0 (ft)	RIG NO: 8	Property ID: 62207308	CUM. WELL COST:	1,871,588.69 ($)
PROGRESS:	34.0 (ft)	ROT. HOURS: 5.00 (hr)	CUM ROT HOURS: 389.75 (hr)	AFE AMOUNT:	0.00 ($)

LITHOLOGY:	SAND AND SHALE
PRESENT OPERATION:	08:00 DRILLING @ 9390'
ACTIVITY FORECAST:	DRILLING
FORMATION:	PRICE RIVER

MUD GAS DATA

CONNECTION:	
TRIPDOWNTIME:	
BACKGROUND:	

CASING / WELL CONTROL

LAST CASING:	
DEPTH:	
LAST BOP PRESS TEST:	10/31/2007
L.O.T.EMW:	

DRILLING DATA

STRING WT UP:	
STRING WT DN:	
ST WT RT:	
TORQUE:	
PRESS:	
RATE:	
DP AV:	
DC AV:	

WEATHER

GENERAL:

PERSONNEL ON SITE

SUPERVISOR:	Brent Bascom
ENGNEER:	D-Allan Scharf

GENERAL

RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS
7,214.0	1.60	245.50	7,213.08	-41.77	-91.65	-41.77	0.02
7,722.0	4.10	228.50	7,709.03	-327.34	-266.95	-327.34	0.05
8,228.0	4.10	170.00	8,213.94	-357.15	-277.36	-357.15	0.79
8,703.0	5.10	207.10	8,687.51	-392.67	-284.03	-392.67	0.65
9,178.9	6.10	206.10	9,161.13	-434.21	-304.79	-434.21	0.21
9,336.0	4.10	174.40	9,317.63	-447.30	-307.92	-447.30	2.15

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R
11/1	8.500	F67Y	16	9,432.0	0.0		0.0						1	1	BHA

MUD DATA

MUD TYPE	LOW SOLIDS		
DENSITY (IN/OUT	9.60 (ppg)	ECD:	(ppg)
GELS (10S/10M):	10.0/18.0 (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	25.00/20.000	VISCOSITY:	52.00 (s/qt)
API WL:	6.4 (cc/30min)	HTHP	@ 6.4/
SOLIDS (CORR):	9.50 (%)	LGS:	(lbm/bbl)
SAND:	0.50 (%)	OIL:	1.00 (%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	10.00 (cc)	Pm	0.54 (cc)
pf:	0.50 (cc)	Mf:	1.80 (cc)
Cl	400 (ppm)	Ca+:	80 (ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	(°F)
MUD ENGINEER	BILL MURPHY	CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	554.92 ($)
TODAY'S COST:	40,843.92 ($)	CUM COST:	79,637.69 ($)
COMMENTS:			

PUMP DATA

OP1: @	PUMP# 1	Liner Size
OP2: @	11/17/200 PUMP# 2	Liner Size

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	561.20
Integral Blade Stabilizer	2	3.28
Non-Mag Drill Collar	2	29.35
	2	28.74
TOTAL LENGTH:		626.87

MUD ADDITIVES

PROD.	AMOUNT
PAC-R	1.00
CAUSTIC SODA	8.00
TAX	1.00
	1.00
	1.00

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
06:00	07:30	1.50		DRILLING JUNK @ 9341'
07:30	11:00	3.50		DRILLING 10-40K WOB, 50 RPM, 385 GPM, 1000 SCF/MIN @ PARASITE STR.,100 SCF/MIN. DOWN DP
11:00	11:30	0.50		RIG SERVICE
11:30	13:30	2.00		DRILLING
13:30	14:30	1.00		WIRELINE SURVEY @ 9336', 4.1 deg. 174.4 az
14:30	19:30	5.00		TRIP OUT F/ BIT #11, L/D JUNK BASKET, NO RECOVERY.
19:30	00:00	4.50		PICK UP 8.5" 3 PT. REAMER AND IBS, TRIP IN HOLE.
00:00	02:30	2.50		TRIP IN HOLE TO 9286'
02:30	06:00	3.50		REAM UNDERGAUGE HOLE

William Production RMT Company
Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK		DATE:	11/17/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E	REPORT NO.:	28
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	29.00

TODAY'S DEPTH:	9,341.0 (ft)	CONTRACTOR: Frontier Drilling	AFE#: WT13581	DAILY WELL COST	70,726.78 ($)
PREV. DEPTH:	9,341.0 (ft)	RIG NO: 8	Property ID: 62207308	CUM. WELL COST:	1,830,744.77 ($)
PROGRESS:	0.0 (ft)	ROT. HOURS: 0.00 (hr)	CUM ROT HOURS: 389.75 (hr)	AFE AMOUNT:	0.00 ($)

LITHOLOGY:	SAND AND SHALE
PRESENT OPERATION:	TRIP IN HOLE
ACTIVITY FORECAST:	TRIP IN HOLE , DRILL JUNK, CONTINUE DRILLING FROM 9341'
FORMATION:	PRICE RIVER

MUD GAS DATA

CONNECTION:	
TRIPDOWNTIME:	
BACKGROUND:	

CASING / WELL CONTROL

LAST CASING:	
DEPTH:	
LAST BOP PRESS TEST:	10/31/2007
L.O.T.EMW:	

DRILLING DATA

STRING WT UP:	PRESS:	
STRING WT DN:	RATE:	
ST WT RT:	DP AV:	
TORQUE:	DC AV:	

WEATHER

GENERAL:

PERSONNEL ON SITE

SUPERVISOR:	Brent Bascom
ENGNEER:	D-Allan Scharf

GENERAL

RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7,214.0	1.60	245.50	7,213.08	-41.77	-91.65	-41.77	0.02
7,722.0	4.10	228.50	7,709.03	-327.34	-266.95	-327.34	0.05
8,228.0	4.10	170.00	8,213.94	-357.15	-277.36	-357.15	0.79
8,703.0	5.10	207.10	8,687.51	-392.67	-284.03	-392.67	0.65
9,178.9	6.10	206.10	9,161.13	-434.21	-304.79	-434.21	0.21

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R
11/1	8.500	F67Y	16	9,432.0									1	1	BHA

MUD DATA

MUD TYPE	LOW SOLIDS		
DENSITY (IN/OUT	9.80 (ppg)	ECD:	(ppg)
GELS (10S/10M):	10.0/18.0 (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	25.00/20.000	VISCOSITY:	59.00 (s/qt)
API WL:	6.0 (cc/30min)	HTHP	@ 6.0/
SOLIDS (CORR):	10.00 (%)	LGS:	(lbm/bbl)
SAND:	0.50 (%)	OIL:	1.00 (%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	10.00 (cc)	Pm	0.65 (cc)
pf:	0.55 (cc)	Mf:	1.65 (cc)
Cl	400 (ppm)	Ca+:	80 (ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	(°F)
MUD ENGINEER	BILL MURPHY	CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	2,914.58 ($)
TODAY'S COST:	70,726.78 ($)	CUM COST:	79,082.77 ($)
COMMENTS:			

PUMP DATA

OP1: @	PUMP# 1	Liner Size
OP2: @	PUMP# 2	Liner Size

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	561.20
Integral Blade Stabilizer	2	3.28
Non-Mag Drill Collar	2	29.35
	2	28.74
Polycrystalline Diamond Bit	2	1.00
	2	1.50
	2	1.50
TOTAL LENGTH:		626.87

MUD ADDITIVES

PROD.	AMOUNT
BENTONITE	10.00
SAWDUST	50.00
PAC-R	3.00
CAUSTIC SODA	4.00
TAX	1.00
SAPP	52.00
	28.00
	7.00

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
07:00	12:00	5.00		TRIP IN HOLE W/ 7" MAGNETAND JUNK BASKET
12:00	13:00	1.00		FISHING W/ MAGNET
13:00	17:00	4.00		TRIP OUT TO BHA
17:00	20:30	3.50		INSPECT BHA, (MAGNAFLUX INSPECTION) REPLACE 1-CRACKED DC, LAY DOWN MAGNET - RECOVERED 2 NOSE CONES.
20:30	22:30	2.00		TRIP IN HOLE W/ BIT #10
22:30	23:30	1.00		CUT AND SLIP 110' DRILL LINE
23:30	00:00	0.50		TRIP IN HOLE
00:00	03:30	3.50		TRIP OUT, LOST 3 CONES FROM BIT #9
03:30	07:00			WAIT ON TOOLS

William Production RMT Company
Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK:		DATE:	11/16/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E	REPORT NO.:	27
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	28.00

TODAY'S DEPTH:	9,341.0 (ft)	CONTRACTOR: Frontier Drilling	AFE#: WT13581	DAILY WELL COST	44,693.00 ($)
PREV. DEPTH:	9,283.0 (ft)	RIG NO: 8	Property ID: 62207308	CUM. WELL COST:	1,760,017.99 ($)
PROGRESS:	58.0 (ft)	ROT. HOURS: 9.00 (hr)	CUM ROT HOURS: 380.75 (hr)	AFE AMOUNT:	0.00 ($)

LITHOLOGY:	SAND AND SHALE
PRESENT OPERATION:	TRIP OUT
ACTIVITY FORECAST:	TRIP IN W/ MAGNET,RECOVER JUNK,T.I.H W/ BIT #10
FORMATION:	U CASTLE GATE

MUD GAS DATA

CONNECTION:	
TRIPDOWNTIME:	
BACKGROUND:	

CASING / WELL CONTROL

LAST CASING:	
DEPTH:	
LAST BOP PRESS TEST:	10/31/2007
L.O.T.EMW:	

DRILLING DATA

STRING WT UP:	
STRING WT DN:	
ST WT RT:	
TORQUE:	
PRESS:	
RATE:	
DP AV:	
DC AV:	

WEATHER

GENERAL:

PERSONNEL ON SITE

SUPERVISOR:	Brent Bascom
ENGNEER:	D-Allan Scharf

GENERAL

RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7,214.0	1.60	245.50	7,213.08	-41.77	-91.65	-41.77	0.02
7,722.0	4.10	228.50	7,709.03	-327.34	-266.95	-327.34	0.05
8,228.0	4.10	170.00	8,213.94	-357.15	-277.36	-357.15	0.79
8,703.0	5.10	207.10	8,687.51	-392.67	-284.03	-392.67	0.65
9,178.9	6.10	206.10	9,161.13	-434.21	-304.79	-434.21	0.21

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R
9/1	8.500	F47HY	16	9,341.0	58.0		6.4	45.0	50				8	6	TQ

MUD DATA

MUD TYPE	LOW SOLIDS		
DENSITY (IN/OUT	9.80 (ppg)	ECD:	(ppg)
GELS (10S/10M):	15.0/20.0 (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	25.00/20.000	VISCOSITY:	66.00 (s/qt)
API WL:	5.6 (cc/30min)	HTHP	@ 5.6/
SOLIDS (CORR):	10.00 (%)	LGS:	(lbm/bbl)
SAND:	0.50 (%)	OIL:	1.00 (%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	10.00 (cc)	Pm	0.65 (cc)
pf:	0.60 (cc)	Mf:	1.50 (cc)
Cl	400 (ppm)	Ca+:	80 (ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	(°F)
MUD ENGINEER	BILL MURPHY	CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	5,144.70 ($)
TODAY'S COST:	44,693.00 ($)	CUM COST:	76,168.19 ($)
COMMENTS:			

PUMP DATA

OP1: @	PUMP# 1	Liner Size
OP2: @ 11/15/200	PUMP# 2	Liner Size

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	561.20
Integral Blade Stabilizer	2	3.28
Non-Mag Drill Collar	2	29.35
	2	28.74
Polycrystalline Diamond Bit	2	1.00
	2	1.50
TOTAL LENGTH:		626.87

MUD ADDITIVES

PROD.	AMOUNT
BENTONITE	8.00
SAWDUST	109.00
PAC-R	13.00
CAUSTIC SODA	6.00
SAPP	12.00
	15.00
	15.00

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
08:00	14:00	6.00		PICK UP 2- 6.5" DC;S,TRIP IN HOLE W/ BIT #9
14:00	16:00	2.00		WASH 30' TO BOTTOM, DRILLING, 5-45K WOB, 385 GPM, 1000CFM @ PARASITE STR. ,1000CFM DOWN DP
16:00	16:30	0.50		RIG SERVICE
16:30	23:30	7.00		DRILLING
00:00	02:30	2.50		DRILLING 20K WOB,418 GPM, 70 RPM,445 RPM @ BIT, 100CFM @PARASITE STR., 100CFM DOWN DP.
02:30	08:00			TRIP OUT F/ BIT, LAY DOWN MUD MOTOR & 8.5" IBS.

Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK:		DATE:	11/15/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E-	REPORT NO.:	26
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	27.00

TODAY'S DEPTH:	9,283.0 (ft)	CONTRACTOR: Frontier Drilling	AFE#: WT13581	DAILY WELL COST	67,473.61 ($)
PREV. DEPTH:	9,177.0 (ft)	RIG NO: 8	Property ID: 62207308	CUM. WELL COST:	1,715,324.99 ($)
PROGRESS:	106.0 (ft)	ROT. HOURS: 23.50 (hr)	CUM ROT HOURS: 357.25 (hr)	AFE AMOUNT:	0.00 ($)

LITHOLOGY:	SAND AND SHALE
PRESENT OPERATION:	TRIP OUT
ACTIVITY FORECAST:	TRIP, CONTINUE DRILLING
FORMATION:	U.CASTLEGATE

MUD GAS DATA

CONNECTION:	
TRIPDOWNTIME:	
BACKGROUND:	

CASING / WELL CONTROL

LAST CASING:	
DEPTH:	
LAST BOP PRESS TEST:	10/31/2007
L.O.T.EMW:	

DRILLING DATA

STRING WT UP:	
STRING WT DN:	
ST WT RT:	
TORQUE:	
PRESS:	
RATE:	
DP AV:	
DC AV:	

WEATHER

GENERAL:

PERSONNEL ON SITE

SUPERVISOR:	Brent Bascom
ENGNEER:	D-Allan Scharf

GENERAL

RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7,214.0	1.60	245.50	7,213.08	-41.77	-91.65	-41.77	0.02
7,722.0	4.10	228.50	7,709.03	-327.34	-286.95	-327.34	0.05
8,226.0	4.10	170.00	8,213.94	-357.15	-277.36	-357.15	0.79
8,703.0	5.10	207.10	8,687.51	-392.67	-284.03	-392.67	0.65
9,178.9	6.10	206.10	9,161.13	-434.21	-304.79	-434.21	0.21

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R
8/1	8.500	K705													

MUD DATA

MUD TYPE	LOW SOLIDS		
DENSITY (IN/OUT	9.60 (ppg)	ECD:	9.72 (ppg)
GELS (10S/10M):	10.0/18.0 (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	25.00/20.000	VISCOSITY:	72.00 (s/qt)
API WL:	6.4 (cc/30min)	HTHP	@ 6.4/
SOLIDS (CORR):	9.00 (%)	LGS:	(lbm/bbl)
SAND:	0.50 (%)	OIL:	1.00 (%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	10.00 (cc)	Pm	1.00 (cc)
pf:	0.60 (cc)	Mf:	1.50 (cc)
Cl	400 (ppm)	Ca+:	80 (ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	(°F)
MUD ENGINEER	BILL MURPHY	CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	1,573.61 ($)
TODAY'S COST:	67,473.61 ($)	CUM COST:	71,023.49 ($)
COMMENTS:			

PUMP DATA

OP1: @	PUMP# 1	Liner Size
OP2: @	PUMP# 2	Liner Size

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	561.20
Integral Blade Stabilizer	2	3.28
Non-Mag Drill Collar	2	29.35
	2	28.74
Polycrystalline Diamond Bit	2	1.00
	2	1.50
	2	1.50
	2	1.50
TOTAL LENGTH:		626.87

MUD ADDITIVES

PROD.	AMOUNT
BENTONITE	6.00
SAWDUST	10.00
EZ-Mud	1.00
PAC-R	4.00
CAUSTIC SODA	5.00
TAX	1.00
	6.00
	3.00
	1.00

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
00:00	13:00	13.00		DRILLING, 15-22K WOB, 418 GPM, 445 RPM @ BIT, 1000 CFM @ PARASITE STR., 1000CFM DOWN DP
13:00	13:30	0.50		RIG SERVICE
13:30	00:00	10.50		DRILLING

Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK:		DATE:	11/14/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E	REPORT NO.:	25
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	26.00

TODAY'S DEPTH:	9,177.0 (ft)	CONTRACTOR: Frontier Drilling	AFE#: WT13581	DAILY WELL COST	37,829.61 ($)
PREV. DEPTH:	9,070.0 (ft)	RIG NO: 8	Property ID: 62207308	CUM. WELL COST:	1,647,851.38 ($)
PROGRESS:	107.0 (ft)	ROT. HOURS: 19.50 (hr)	CUM ROT HOURS: 337.75 (hr)	AFE AMOUNT:	0.00 ($)

LITHOLOGY:	SAND AND SHALE
PRESENT OPERATION:	0600 DRILLING @ 9212
ACTIVITY FORECAST:	DRILLING
FORMATION:	U.CASTLEGATE

MUD GAS DATA

CONNECTION:	
TRIPDOWNTIME:	
BACKGROUND:	

CASING / WELL CONTROL

LAST CASING:	
DEPTH:	
LAST BOP PRESS TEST:	10/31/2007
L.O.T.EMW:	

DRILLING DATA

STRING WT UP:		PRESS:	
STRING WT DN:		RATE:	
ST WT RT:		DP AV:	
TORQUE:		DC AV:	

WEATHER

GENERAL:

PERSONNEL ON SITE

SUPERVISOR:	Brent Bascom
ENGNEER:	D-Allan Scharf

GENERAL

RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7,214.0	1.60	245.50	7,213.08	-41.77	-91.65	-41.77	0.02
7,722.0	4.10	228.50	7,709.03	-327.34	-266.95	-327.34	0.05
8,228.0	4.10	170.00	8,213.94	-357.15	-277.36	-357.15	0.79
8,703.0	5.10	207.10	8,687.51	-392.67	-284.03	-392.67	0.65
9,178.9	6.10	206.10	9,161.13	-434.21	-304.79	-434.21	0.21

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R
8/1	8.500	K705BPX		9,283.0									X	I	PR

MUD DATA

MUD TYPE	LOW SOLIDS		
DENSITY (IN/OUT	9.60 (ppg)	ECD:	9.72 (ppg)
GELS (10S/10M):	10.0/15.0 (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	35.00/25.000	VISCOSITY:	72.00 (s/qt)
API WL:	4.8 (cc/30min)	HTHP	@ 4.8/
SOLIDS (CORR):	9.00 (%)	LGS:	(lbm/bbl)
SAND:	0.50 (%)	OIL:	1.00 (%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	10.00 (cc)	Pm	1.00 (cc)
pf:	0.60 (cc)	Mf:	1.50 (cc)
Cl	400 (ppm)	Ca+:	80 (ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	(°F)
MUD ENGINEER	BILL MURPHY	CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	1,573.61 ($)
TODAY'S COST:	37,829.61 ($)	CUM COST:	69,449.88 ($)
COMMENTS:			

PUMP DATA

OP1: @	11/14/200 PUMP# 1	Liner Size
OP2: @	PUMP# 2	Liner Size

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	561.20
Integral Blade Stabilizer	2	3.28
Non-Mag Drill Collar	2	29.35
	2	28.74
Polycrystalline Diamond Bit	2	1.00
	2	1.50
	2	1.50
	2	1.50
TOTAL LENGTH:		626.87

MUD ADDITIVES

PROD.	AMOUNT
BENTONITE	6.00
SAWDUST	10.00
EZ-Mud	1.00
PAC-R	4.00
CAUSTIC SODA	5.00
TAX	1.00
	6.00
	3.00
	1.00

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
17:30	18:00	0.50		RIG SERVICE
18:00	00:00	6.00		DRILLING
00:00	01:30	1.50		TRIP IN HOLE W/ BIT #8
01:30	04:00	2.50		WASH & REAM TO BOTTOM
04:00	17:30			DRILLING, 15-18K WOB, 418 GPM, 60-70 RPM@ TABLE, 446 RPM@ BIT, 100CFM @ PARASITE STR. 1500 CFM DOWN DP.

William Production RMT Company
Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK:		DATE:	11/13/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E	REPORT NO.:	24
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	25.00

TODAY'S DEPTH:	9,070.0 (ft)	CONTRACTOR: Frontier Drilling	AFE#: WT13581	DAILY WELL COST	43,506.83 ($)
PREV. DEPTH:	9,070.0 (ft)	RIG NO: 8	Property ID: 62207308	CUM. WELL COST:	1,610,021.77 ($)
PROGRESS:	0.0 (ft)	ROT. HOURS: (hr)	CUM ROT HOURS: 337.75 (hr)	AFE AMOUNT:	0.00 ($)

LITHOLOGY:	SAND AND SHALE
PRESENT OPERATION:	06:00 DRILLING @ 9085'
ACTIVITY FORECAST:	DRILLING
FORMATION:	U.CASTLEGATE

MUD GAS DATA

CONNECTION:	
TRIPDOWNTIME:	
BACKGROUND:	

CASING / WELL CONTROL

LAST CASING:	
DEPTH:	
LAST BOP PRESS TEST:	
L.O.T.EMW:	

DRILLING DATA

STRING WT UP:	
STRING WT DN:	
ST WT RT:	
TORQUE:	

PRESS:	
RATE:	
DP AV:	
DC AV:	

WEATHER

GENERAL:	

PERSONNEL ON SITE

SUPERVISOR:	Brent Bascom
ENGNEER:	D-Allan Scharf

GENERAL

RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7,214.0	1.60	245.50	7,213.08	-41.77	-91.65	-41.77	0.02
7,722.0	4.10	228.50	7,709.03	-327.34	-266.95	-327.34	0.05
8,228.0	4.10	170.00	8,213.94	-357.15	-277.36	-357.15	0.79
8,703.0	5.10	207.10	8,687.51	-392.67	-284.03	-392.67	0.65
9,178.9	6.10	208.10	9,161.13	-434.21	-304.79	-434.21	0.21

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R
7/1	8.750	K705BPX	16, 16		0.0		0.0	2.0	45				X	I	PR

MUD DATA

MUD TYPE	LOW SOLIDS		
DENSITY (IN/OUT	9.60 (ppg)	ECD:	(ppg)
GELS (10S/10M):	10.0/15.0 (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	35.00/25.000	VISCOSITY:	64.00 (s/qt)
API WL:	4.8 (cc/30min)	HTHP	@ 4.8/
SOLIDS (CORR):	9.00 (%)	LGS:	(lbm/bbl)
SAND:	0.50 (%)	OIL:	1.00 (%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	9.90 (cc)	Pm	1.26 (cc)
pf:	0.60 (cc)	Mf:	1.10 (cc)
Cl	300 (ppm)	Ca+:	80 (ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	(°F)
MUD ENGINEER	BILL MURPHY	CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	606.08 ($)
TODAY'S COST:	43,506.83 ($)	CUM COST:	67,876.27 ($)
COMMENTS:			

PUMP DATA

OP1: @	PUMP# 1	Liner Size
OP2: @	PUMP# 2	Liner Size

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	561.20
Integral Blade Stabilizer	2	3.28
TOTAL LENGTH:		626.87

MUD ADDITIVES

PROD.	AMOUNT
PAC-R	2.00
CAUSTIC SODA	5.00
	1.00

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
05:00	09:00	4.00		WASH AND REAM F/ 8256' TO 8273'
09:00	13:00	4.00		TRIP OUT FOR 8.5" BIT, LAY DOWN MUD MOTOT & 8.75" IBS
13:00	20:00	7.00		WAIT ON TOOLS
20:00	00:00	4.00		TRIP IN HOLE
00:00	03:00	3.00		WORK STUCK PIPE @ 8107'
03:00	04:30	1.50		PICK UP SURFACE JAR, JAR PIPE FREE
04:30	05:00	0.50		RUN IN HOLE TO 8256'

William Production RMT Company
Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK:		DATE:	11/12/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E	REPORT NO.:	23
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	24.00

TODAY'S DEPTH:	9,070.0 (ft)	CONTRACTOR: Frontier Drilling	AFE#: WT13581	DAILY WELL COST	66,329.12 ($)
PREV. DEPTH:	8,865.0 (ft)	RIG NO: 8	Property ID: 62207308	CUM. WELL COST:	1,566,514.94 ($)
PROGRESS:	205.0 (ft)	ROT. HOURS: 11.00 (hr)	CUM ROT HOURS: 326.75 (hr)	AFE AMOUNT:	0.00 ($)

LITHOLOGY:	SAND AND SHALE
PRESENT OPERATION:	REAMING @ 8200'
ACTIVITY FORECAST:	REAM TO BOTTOM, DRILL
FORMATION:	U. CASTLEGATE

MUD GAS DATA

CONNECTION:	
TRIPDOWNTIME:	
BACKGROUND:	

CASING / WELL CONTROL

LAST CASING:	
DEPTH:	
LAST BOP PRESS TEST:	10/31/2007
L.O.T.EMW:	

DRILLING DATA

STRING WT UP:	
STRING WT DN:	
ST WT RT:	
TORQUE:	
PRESS:	
RATE:	
DP AV:	
DC AV:	

WEATHER

GENERAL:

PERSONNEL ON SITE

SUPERVISOR:	Brent Bascom
ENGNEER:	D-Allan Scharf

GENERAL

RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7,214.0	1.60	245.50	7,213.08	-41.77	-91.65	-41.77	0.02
7,722.0	4.10	228.50	7,709.03	-327.34	-266.95	-327.34	0.05
8,228.0	4.10	170.00	8,213.94	-357.15	-277.36	-357.15	0.79
8,703.0	5.10	207.10	8,687.51	-392.67	-284.03	-392.67	0.65
9,178.9	6.10	206.10	9,161.13	-434.21	-304.79	-434.21	0.21

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R
7/1	8.750	K705BPX	16		955.0		18.4		60				X	I	PR

MUD DATA

MUD TYPE	LOW SOLIDS		
DENSITY (IN/OUT	9.90 (ppg)	ECD:	(ppg)
GELS (10S/10M):	5.0/12.0 (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	35.00/25.000	VISCOSITY:	70.00 (s/qt)
API WL:	4.0 (cc/30min)	HTHP	@ 4.0/
SOLIDS (CORR):	9.00 (%)	LGS:	(lbm/bbl)
SAND:	0.50 (%)	OIL:	1.00 (%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	9.90 (cc)	Pm	1.26 (cc)
pf:	0.60 (cc)	Mf:	1.10 (cc)
Cl	300 (ppm)	Ca+:	80 (ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	(°F)
MUD ENGINEER	JOE MATHIS	CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	3,587.62 ($)
TODAY'S COST:	66,329.12 ($)	CUM COST:	67,270.19 ($)
COMMENTS:			

PUMP DATA

OP1: @	PUMP# 1	Liner Size
OP2: @	PUMP# 2	Liner Size

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	561.20
Integral Blade Stabilizer	2	3.28
Non-Mag Drill Collar	2	29.35
	2	28.74
Polycrystalline Diamond Bit	2	1.00
	2	1.50
	2	1.50
	2	1.50
TOTAL LENGTH:		626.87

MUD ADDITIVES

PROD.	AMOUNT
SAWDUST	35.00
EZ-Mud	1.00
PAC-R	8.00
CAUSTIC SODA	20.00
TAX	1.00
	28.00
	5.00
	1.00
	1.00

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
00:00	11:00	11.00		DRILLING, 330 GPM,25K WOB, 60 RPM, 1000 CFM @ PARASITE STR. 1500 CFM, DOWN DP.
11:00	11:30	0.50		WIRELINE SURVEY
11:30	15:30	4.00		TRIP OUT, CHANGE MUD MOTOR AND BIT
15:30	16:00	0.50		RIG SERVICE
16:00	18:30	2.50		TRIP IN HOLE W/ BIT #7
18:30	19:00	0.50		CUT AND SLIP 120 DRILL LINE
19:00	22:00	3.00		TRIP IN HOLE, STUCK BIT @ 8107'
22:00	00:00	2.00		ATTEMPT TO FREE STUCK PIPE. ESTABLISH CIRCULATION. WORK PIPE. NO PROGRESS

William Production RMT Company
Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK		DATE:	11/11/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E-	REPORT NO.:	22
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	23.00

TODAY'S DEPTH:	8,865.0 (ft)	CONTRACTOR: Frontier Drilling	AFE#: WT13581	DAILY WELL COST	39,869.88 ($)
PREV. DEPTH:	8,365.0 (ft)	RIG NO: 8	Property ID: 62207308	CUM. WELL COST:	1,500,185.82 ($)
PROGRESS:	500.0 (ft)	ROT. HOURS: 23.00 (hr)	CUM ROT HOURS: 303.75 (hr)	AFE AMOUNT:	0.00 ($)

LITHOLOGY:	SAND AND SHALE
PRESENT OPERATION:	06:00 DRILLING @ 9020'
ACTIVITY FORECAST:	CONTINUE DRILLING
FORMATION:	

MUD GAS DATA

CONNECTION:	
TRIPDOWNTIME:	
BACKGROUND:	

CASING / WELL CONTROL

LAST CASING:	
DEPTH:	
LAST BOP PRESS TEST:	10/31/2007
L.O.T.EMW:	

DRILLING DATA

STRING WT UP:	
STRING WT DN:	
ST WT RT:	
TORQUE:	

PRESS:	
RATE:	
DP AV:	
DC AV:	

WEATHER

GENERAL:

PERSONNEL ON SITE

SUPERVISOR:	Brent Bascom
ENGNEER:	D-Allan Scharf

GENERAL

RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS
6,715.0	3.90	221.10	6,704.48	-277.67	-217.48	-277.67	0.31
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7,214.0	1.60	245.50	7,213.08	-41.77	-91.65	-41.77	0.02
7,722.0	4.10	228.50	7,709.03	-327.34	-266.95	-327.34	0.05
8,228.0	4.10	170.00	8,213.94	-357.15	-277.36	-357.15	0.79
8,703.0	5.10	207.10	8,687.51	-392.67	-284.03	-392.67	0.65

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R
7/1	8.750	K705BPX	16				0.0						X	I	PR

MUD DATA

MUD TYPE	LOW SOLIDS		
DENSITY (IN/OUT	9.60 (ppg)	ECD:	975.00 (ppg)
GELS (10S/10M):	5.0/12.0 (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	35.00/25.000	VISCOSITY:	75.00 (s/qt)
API WL:	4.0 (cc/30min)	HTHP	@ 4.0/
SOLIDS (CORR):	9.00 (%)	LGS:	(lbm/bbl)
SAND:	0.50 (%)	OIL:	1.00 (%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	10.10 (cc)	Pm	1.26 (cc)
pf:	0.60 (cc)	Mf:	1.10 (cc)
Cl	300 (ppm)	Ca+:	80 (ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	(°F)
MUD ENGINEER	JOE MATHIS	CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	4,849.88 ($)
TODAY'S COST:	39,869.88 ($)	CUM COST:	63,682.57 ($)
COMMENTS:			

PUMP DATA

OP1: @	PUMP# 1	Liner Size
OP2: @	PUMP# 2	Liner Size

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	561.20
Integral Blade Stabilizer	2	3.28
Non-Mag Drill Collar	2	29.35
	2	28.74
Polycrystalline Diamond Bit	2	1.00
	2	1.50
	2	1.50
	2	1.50
TOTAL LENGTH:		626.87

MUD ADDITIVES

PROD.	AMOUNT
SAWDUST	50.00
EZ-Mud	1.00
PAC-R	12.00
CAUSTIC SODA	13.00
BARITE	9.00
TAX	1.00
	7.00
	15.00
	1.00

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
00:00	15:00	15.00		DRILLING 25K WOB, 330 GPM, 60 RPM,100CFM @ PARASITE STR, 1500 CFM DOWN DP.
15:00	15:30	0.50		RIG SERVICE
15:30	20:00	4.50		DRILLING
20:00	20:30	0.50		WIRELINE SURVEY 5.1deg. 207.1 az.
20:30	00:00	3.50		DRILLING

William Production RMT Company
Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK:		DATE:	11/10/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E	REPORT NO.:	21
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	22.00

TODAY'S DEPTH:	8,365.0 (ft)	CONTRACTOR: Frontier Drilling	AFE#: WT13581	DAILY WELL COST	36,113.22 ($)
PREV. DEPTH:	8,112.0 (ft)	RIG NO: 8	Property ID: 62207308	CUM. WELL COST:	1,460,315.94 ($)
PROGRESS:	253.0 (ft)	ROT. HOURS: 13.00 (hr)	CUM ROT HOURS: 290.75 (hr)	AFE AMOUNT:	0.00 ($)

LITHOLOGY:	SAND AND SHALE
PRESENT OPERATION:	06:00 DRILLING @ 8500,
ACTIVITY FORECAST:	CONTINUE DRILLING
FORMATION:	PRCE RIVER

MUD GAS DATA

CONNECTION:	
TRIPDOWNTIME:	
BACKGROUND:	

CASING / WELL CONTROL

LAST CASING:	
DEPTH:	
LAST BOP PRESS TEST:	
L.O.T.EMW:	

DRILLING DATA

STRING WT UP:	
STRING WT DN:	
ST WT RT:	
TORQUE:	

PRESS:	
RATE:	
DP AV:	
DC AV:	

WEATHER

GENERAL:

PERSONNEL ON SITE

SUPERVISOR:	Brent Bascom
ENGNEER:	D-Allan Scharf

GENERAL

RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS
6,214.0	3.50	197.70	6,204.49	-250.27	-201.63	-250.27	0.53
6,715.0	3.90	221.10	6,704.48	-277.67	-217.48	-277.67	0.31
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7,214.0	1.60	245.50	7,213.08	-41.77	-91.65	-41.77	0.02
7,722.0	4.10	228.50	7,709.03	-327.34	-266.95	-327.34	0.05
8,228.0	4.10	170.00	8,213.94	-357.15	-277.36	-357.15	0.79

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R
6/1	8.750	HC506Z	16, 16	8,115.0			0.0	26.0	50						

MUD DATA

MUD TYPE	LOW SOLIDS		
DENSITY (IN/OUT	9.50 (ppg)	ECD:	9.65 (ppg)
GELS (10S/10M):	5.0/12.0 (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	35.00/25.000	VISCOSITY:	67.00 (s/qt)
API WL:	4.0 (cc/30min)	HTHP	@ 4.0/
SOLIDS (CORR):	9.00 (%)	LGS:	(lbm/bbl)
SAND:	0.50 (%)	OIL:	1.00 (%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	10.10 (cc)	Pm	1.20 (cc)
pf:	1.00 (cc)	Mf:	1.40 (cc)
Cl	300 (ppm)	Ca+:	80 (ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	(°F)
MUD ENGINEER	JOE MATHIS	CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	979.72 ($)
TODAY'S COST:	36,113.22 ($)	CUM COST:	58,832.69 ($)
COMMENTS:			

PUMP DATA

OP1: @	PUMP# 1	Liner Size
OP2: @	PUMP# 2	Liner Size

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	561.20
Integral Blade Stabilizer	2	3.28
Non-Mag Drill Collar	2	29.35
	2	28.74
Polycrystalline Diamond Bit	2	1.00
TOTAL LENGTH:		626.87

MUD ADDITIVES

PROD.	AMOUNT
SAWDUST	20.00
CAUSTIC SODA	7.00
TAX	1.00
	8.00
	5.00
	2.00

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
11:00	14:30	3.50		DRILLING 8/25K WOB, 1000CFM @ P.STR.,1500 DOWN DP 60 RPM
14:30	15:00	0.50		RIG SERVICE
15:00	21:00	6.00		DRILLING 25/28K WOB
21:00	21:30	0.50		WIRELINE SURVEY@ 8228' 4.1 deg. 170 az
21:30	00:00	2.50		DRILLING
00:00	01:00	1.00		DRILLING 25/30K WOB, 335 GPM, 1000CFM @ PARASITE STR. 1500 CFM DOWN DP, 65/70 RPM
01:00	11:00			TRIP FOR BIT #6

William Production RMT Company
Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK:		DATE:	11/9/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E	REPORT NO.:	20
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	21.00

TODAY'S DEPTH:	8,112.0 (ft)	CONTRACTOR: Frontier Drilling	AFE#: WT13581	DAILY WELL COST	82,412.75 ($)
PREV. DEPTH:	7,855.0 (ft)	RIG NO: 8	Property ID: 62207308	CUM. WELL COST:	1,424,202.72 ($)
PROGRESS:	257.0 (ft)	ROT. HOURS: 23.50 (hr)	CUM ROT HOURS: 267.25 (hr)	AFE AMOUNT:	0.00 ($)

LITHOLOGY:	SAND AND SHALE
PRESENT OPERATION:	TRIP FOR BIT
ACTIVITY FORECAST:	BIT TRIP, CONTINUE DRILLING FROM 8114'
FORMATION:	PRICE RIVER

MUD GAS DATA

CONNECTION:	
TRIPDOWNTIME:	
BACKGROUND:	

CASING / WELL CONTROL

LAST CASING:	
DEPTH:	
LAST BOP PRESS TEST:	10/31/2007
L.O.T.EMW:	

DRILLING DATA

STRING WT UP:	
STRING WT DN:	
ST WT RT:	
TORQUE:	

PRESS:	
RATE:	
DP AV:	
DC AV:	

WEATHER

GENERAL:	

PERSONNEL ON SITE

SUPERVISOR:	Brent Bascom
ENGNEER:	D-Allan Scharf

GENERAL

RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS
5,712.0	3.50	242.30	5,703.34	-228.54	-183.40	-228.54	0.28
6,214.0	3.50	197.70	6,204.49	-250.27	-201.63	-250.27	0.53
6,715.0	3.90	221.10	6,704.48	-277.67	-217.48	-277.67	0.31
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7,214.0	1.60	245.50	7,213.08	-41.77	-91.65	-41.77	0.02
7,722.0	4.10	228.50	7,709.03	-327.34	-268.95	-327.34	0.05

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R
6/1	8.750	HC506Z	16	8,115.0											

MUD DATA

MUD TYPE	LOW SOLIDS		
DENSITY (IN/OUT	9.50 (ppg)	ECD:	9.65 (ppg)
GELS (10S/10M):	5.0/12.0 (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	35.00/25.000	VISCOSITY:	70.00 (s/qt)
API WL:	4.0 (cc/30min)	HTHP	@ 4.0/
SOLIDS (CORR):	9.00 (%)	LGS:	(lbm/bbl)
SAND:	0.50 (%)	OIL:	1.00 (%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	10.30 (cc)	Pm	1.25 (cc)
pf:	1.00 (cc)	Mf:	1.25 (cc)
Cl	400 (ppm)	Ca+:	80 (ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	(°F)
MUD ENGINEER	JOE MATHIS	CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	3,702.65 ($)
TODAY'S COST:	82,412.75 ($)	CUM COST:	57,852.97 ($)
COMMENTS:			

PUMP DATA

OP1: @	PUMP# 1	Liner Size
OP2: @	PUMP# 2	Liner Size

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	561.20
Integral Blade Stabilizer	2	3.28
Non-Mag Drill Collar	2	29.35
	2	28.74
Polycrystalline Diamond Bit	2	1.00
	2	1.50
	2	1.50
TOTAL LENGTH:		626.87

MUD ADDITIVES

PROD.	AMOUNT
SAWDUST	59.00
EZ-Mud	1.00
PAC-R	10.00
CAUSTIC SODA	7.00
TAX	1.00
	8.00
	9.00
	1.00

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
15:00	15:30	0.50		RIG SERVICE
15:30	00:00	8.50		DRILLING 25/30K, 335 GPM, 2500 CFM
00:00	15:00			DRILLING, 25/30K WOB, 385 GPM, 2500 CFM.

William Production RMT Company
Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK:		DATE:	11/6/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E	REPORT NO.:	19
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	20.00

TODAY'S DEPTH:	7,855.0 (ft)	CONTRACTOR: Frontier Drilling	AFE#: WT13581	DAILY WELL COST	37,166.03 ($)
PREV. DEPTH:	7,367.0 (ft)	RIG NO: 8	Property ID: 62207308	CUM. WELL COST:	1,341,789.97 ($)
PROGRESS:	488.0 (ft)	ROT. HOURS: 23.00 (hr)	CUM ROT HOURS: 244.25 (hr)	AFE AMOUNT:	0.00 ($)

LITHOLOGY:	SAND AND SHALE
PRESENT OPERATION:	06:00 DRILLING @ 7900'
ACTIVITY FORECAST:	DRILLING
FORMATION:	PRICE RIVER

MUD GAS DATA

CONNECTION:	
TRIPDOWNTIME:	
BACKGROUND:	

CASING / WELL CONTROL

LAST CASING:	
DEPTH:	
LAST BOP PRESS TEST:	10/31/2007
L.O.T.EMW:	

DRILLING DATA

STRING WT UP:	
STRING WT DN:	
ST WT RT:	
TORQUE:	

PRESS:	
RATE:	
DP AV:	
DC AV:	

WEATHER

GENERAL:

PERSONNEL ON SITE

SUPERVISOR:	Brent Bascom
ENGNEER:	D-Allan Scharf

GENERAL

RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS
5,712.0	3.50	242.30	5,703.34	-228.54	-183.40	-228.54	0.28
6,214.0	3.50	197.70	6,204.49	-250.27	-201.63	-250.27	0.53
6,715.0	3.90	221.10	6,704.48	-277.67	-217.48	-277.67	0.31
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7,214.0	1.60	245.50	7,213.08	-41.77	-91.65	-41.77	0.02
7,722.0	4.10	228.50	7,709.03	-327.34	-268.95	-327.34	0.05

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R
6/1	8.750	HC506Z	16	8,115.0											

MUD DATA

MUD TYPE	LOW SOLIDS		
DENSITY (IN/OUT	9.50 (ppg)	ECD:	9.65 (ppg)
GELS (10S/10M):	5.0/12.0 (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	35.00/25.000	VISCOSITY:	70.00 (s/qt)
API WL:	4.0 (cc/30min)	HTHP	@ 4.0/
SOLIDS (CORR):	9.00 (%)	LGS:	(lbm/bbl)
SAND:	0.50 (%)	OIL:	1.00 (%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	10.00 (cc)	Pm	1.80 (cc)
pf:	1.30 (cc)	Mf:	2.50 (cc)
Cl	300 (ppm)	Ca+:	80 (ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	(°F)
MUD ENGINEER	JOE MATHIS	CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	3,030.03 ($)
TODAY'S COST:	37,166.03 ($)	CUM COST:	54,150.32 ($)
COMMENTS:			

PUMP DATA

OP1: @	PUMP# 1	Liner Size
OP2: @	PUMP# 2	Liner Size

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	561.20
Integral Blade Stabilizer	2	3.28
Non-Mag Drill Collar	2	29.35
	2	28.74
Polycrystalline Diamond Bit	2	1.00
	2	1.50
	2	1.50
	2	1.50
	2	1.50
TOTAL LENGTH:		628.87

MUD ADDITIVES

PROD.	AMOUNT
BENTONITE	70.00
SAWDUST	61.00
	2.00
PAC-R	8.00
CAUSTIC SODA	8.00
TAX	1.00
	2.00
	2.00
	2.00
	1.00

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
13:30	14:00	0.50		RIG SERVICE
14:00	19:00	5.00		DRILLING
19:00	19:30	0.50		WIRELINE SURVEY @7722' 4.1 deg, 228.5 az
19:30	00:00	4.50		DRILLING
00:00	13:30			DRILLING 25K WOB ,350 GPM.100CFM @ PARASITE STR., 1000 CFM DOWN DP

William Production RMT Company
Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK:		DATE:	11/7/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E-	REPORT NO.:	18
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	19.00

TODAY'S DEPTH:	7,367.0 (ft)	CONTRACTOR: Frontier Drilling	AFE#: WT13581	DAILY WELL COST	67,947.99 ($)
PREV. DEPTH:	7,200.0 (ft)	RIG NO: 8	Property ID: 62207308	CUM. WELL COST:	1,304,623.94 ($)
PROGRESS:	167.0 (ft)	ROT. HOURS: 13.50 (hr)	CUM ROT HOURS: 230.75 (hr)	AFE AMOUNT:	0.00 ($)

LITHOLOGY:	SAND AND SHALE
PRESENT OPERATION:	06:00 DRILLING @ 7590'
ACTIVITY FORECAST:	DRILLING
FORMATION:	NORTH HORN

MUD GAS DATA

CONNECTION:	
TRIPDOWNTIME:	
BACKGROUND:	

CASING / WELL CONTROL

LAST CASING:	
DEPTH:	
LAST BOP PRESS TEST:	10/31/2007
L.O.T.EMW:	

DRILLING DATA

STRING WT UP:	
STRING WT DN:	
ST WT RT:	
TORQUE:	
PRESS:	
RATE:	
DP AV:	
DC AV:	

WEATHER

GENERAL:

PERSONNEL ON SITE

SUPERVISOR:	Brent Bascom
ENGNEER:	D-Allan Scharf

GENERAL

RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS
5,404.0	3.00	229.70	5,395.83	-218.96	-168.92	-218.96	0.37
5,712.0	3.50	242.30	5,703.34	-228.54	-183.40	-228.54	0.28
6,214.0	3.50	197.70	6,204.49	-250.27	-201.63	-250.27	0.53
6,715.0	3.90	221.10	6,704.48	-277.67	-217.48	-277.67	0.31
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7,214.0	1.60	245.50	7,213.08	-41.77	-91.65	-41.77	0.02

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R
6/1	8.750	HC506Z	18, 16	8,115.0			0.0		50						

MUD DATA

MUD TYPE	LOW SOLIDS		
DENSITY (IN/OUT	9.40 (ppg)	ECD:	9.50 (ppg)
GELS (10S/10M):	5.0/13.0 (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	35.00/25.000	VISCOSITY:	70.00 (s/qt)
API W/L:	6.0 (cc/30min)	HTHP	@ 6.0/
SOLIDS (CORR):	8.00 (%)	LGS:	(lbm/bbl)
SAND:	0.50 (%)	OIL:	1.00 (%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	10.10 (cc)	Pm	1.50 (cc)
pf:	0.90 (cc)	Mf:	1.90 (cc)
Cl	300 (ppm)	Ca+:	40 (ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	(°F)
MUD ENGINEER	JOE MATHIS	CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	4,142.15 ($)
TODAY'S COST:	67,947.99 ($)	CUM COST:	51,120.29 ($)
COMMENTS:			

PUMP DATA

OP1: @	PUMP# 1	Liner Size
OP2: @	PUMP# 2	Liner Size

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	561.20
Integral Blade Stabilizer	2	3.28
Non-Mag Drill Collar	2	29.35
	2	28.74
Polycrystalline Diamond Bit	2	1.00
TOTAL LENGTH:		626.87

MUD ADDITIVES

PROD.	AMOUNT
SAWDUST	75.00
PAC-R	9.00
CAUSTIC SODA	17.00
TAX	1.00
	16.00
	12.00

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
00:00	06:30	6.50		DRILLING, 25-30K WOB, 385 GPM, 100 CFM @ PARASITE STR. 100 CFM dOWN DP.
06:30	07:00	0.50		WIRELINE SURVEY
07:00	11:00	4.00		DRILLING
11:00	16:00	5.00		TRIP OUT, CHANGE MUD MOTOR
16:00	17:30	1.50		TRIP IN HOLE W/ BIT #5
17:30	18:00	0.50		RIG SERVICE
18:00	21:00	3.00		TRIP IN HOLE
21:00	00:00	3.00		DRILLING

William Production RMT Company
Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK:		DATE:	11/8/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E	REPORT NO.:	17
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	18.00

TODAY'S DEPTH:	7,200.0 (ft)	CONTRACTOR: Frontier Drilling	AFE#: WT13581	DAILY WELL COST	40,780.00 ($)
PREV. DEPTH:	6,880.0 (ft)	RIG NO: 8	Property ID: 62207308	CUM. WELL COST:	1,236,675.95 ($)
PROGRESS:	320.0 (ft)	ROT. HOURS: 23.50 (hr)	CUM ROT HOURS: 207.25 (hr)	AFE AMOUNT:	0.00 ($)

LITHOLOGY:	SAND AND SHALE
PRESENT OPERATION:	DRILLING @ 7300'
ACTIVITY FORECAST:	DRILLING
FORMATION:	NORTH HORN

MUD GAS DATA

CONNECTION:	
TRIPDOWNTIME:	
BACKGROUND:	

CASING / WELL CONTROL

LAST CASING:	
DEPTH:	
LAST BOP PRESS TEST:	10/31/2007
L.O.T.EMW:	

DRILLING DATA

STRING WT UP:	PRESS:	
STRING WT DN:	RATE:	
ST WT RT:	DP AV:	
TORQUE:	DC AV:	

WEATHER

GENERAL:

PERSONNEL ON SITE

SUPERVISOR:	Brent Bascom
ENGNEER:	D-Allan Scharf

GENERAL

RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS
4,424.0	3.60	200.20	4,416.70	-185.54	-148.19	-185.54	0.31
4,930.0	1.40	208.90	4,922.19	-205.86	-156.67	-205.86	0.44
5,404.0	3.00	229.70	5,395.83	-218.96	-168.92	-218.96	0.37
5,712.0	3.50	242.30	5,703.34	-228.54	-183.40	-228.54	0.28
6,214.0	3.50	197.70	6,204.49	-250.27	-201.63	-250.27	0.53
6,715.0	3.90	221.10	6,704.48	-277.67	-217.48	-277.67	0.31

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R

MUD DATA

MUD TYPE	LOW SOLIDS		
DENSITY (IN/OUT	9.60 (ppg)	ECD:	9.75 (ppg)
GELS (10S/10M):	5.0/15.0 (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	35.00/25.000	VISCOSITY:	70.00 (s/qt)
API WL:	4.8 (cc/30min)	HTHP	@ 4.8/
SOLIDS (CORR):	6.50 (%)	LGS:	(lbm/bbl)
SAND:	0.50 (%)	OIL:	1.00 (%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	10.00 (cc)	Pm	0.70 (cc)
pf:	0.40 (cc)	Mf:	2.60 (cc)
Cl	500 (ppm)	Ca++:	40 (ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	(°F)
MUD ENGINEER	BILL MURPHY	CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	7,407.60 ($)
TODAY'S COST:	40,780.00 ($)	CUM COST:	46,978.14 ($)
COMMENTS:			

PUMP DATA

OP1: @	PUMP# 1	Liner Size
OP2: @	PUMP# 2	Liner Size

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	561.20
Integral Blade Stabilizer	2	3.28
Non-Mag Drill Collar	2	29.35
	2	28.74
Polycrystalline Diamond Bit	2	1.00
	2	1.50
	2	1.50
TOTAL LENGTH:		628.87

MUD ADDITIVES

PROD.	AMOUNT
BENTONITE	16.00
SAWDUST	160.00
PAC-R	19.00
CAUSTIC SODA	13.00
TAX	1.00
	14.00
	15.00
	2.00

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
16:00	16:30	0.50		RIG SERVICE
16:30	00:00	7.50		DRILLING
00:00	16:00			DRILLING, 385 GPM, 50 RPM 25K WOB,1000 CFM @ PARASITE STR. 1000 DOWN DP

WELL:	State Reservation Ridge 42-2	SIDETRACK		DATE:	11/5/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E	REPORT NO.:	16
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	17.00

TODAY'S DEPTH:	6,880.0 (ft)	CONTRACTOR: Frontier Drilling	AFE#: WT13581	DAILY WELL COST	68,452.16 ($)
PREV. DEPTH:	6,431.0 (ft)	RIG NO: 8	Property ID: 62207308	CUM. WELL COST:	1,195,895.95 ($)
PROGRESS:	449.0 (ft)	ROT. HOURS: 23.00 (hr)	CUM ROT HOURS: 184.25 (hr)	AFE AMOUNT:	0.00 ($)

LITHOLOGY:	SAND AND SHALE
PRESENT OPERATION:	06:00 DRILLING
ACTIVITY FORECAST:	DRILLING
FORMATION:	NORTH HORN

MUD GAS DATA

CONNECTION:	
TRIPDOWNTIME:	
BACKGROUND:	

CASING / WELL CONTROL

LAST CASING:	
DEPTH:	
LAST BOP PRESS TEST:	
L.O.T.EMW:	

DRILLING DATA

STRING WT UP:	
STRING WT DN:	
ST WT RT:	
TORQUE:	

PRESS:	
RATE:	
DP AV:	
DC AV:	

WEATHER

GENERAL:	

PERSONNEL ON SITE

SUPERVISOR:	Brent Bascom
ENGNEER:	D-Allan Scharf

GENERAL

RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS
4,424.0	3.60	200.20	4,416.70	-185.54	-148.19	-185.54	0.31
4,930.0	1.40	208.90	4,922.19	-205.86	-156.67	-205.86	0.44
5,404.0	3.00	229.70	5,395.83	-218.96	-168.92	-218.96	0.37
5,712.0	3.50	242.30	5,703.34	-228.54	-183.40	-228.54	0.28
6,214.0	3.50	197.70	6,204.49	-250.27	-201.63	-250.27	0.53
6,715.0	3.90	221.10	6,704.48	-277.67	-217.48	-277.67	0.31

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R

MUD DATA

MUD TYPE	LOW SOLIDS		
DENSITY (IN/OUT	9.20 (ppg)	ECD:	9.30 (ppg)
GELS (10S/10M):	7.0/10.0 (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	40.00/20.000	VISCOSITY:	62.00 (s/qt)
API WL:	4.8 (cc/30min)	HTHP	@ 4.8/
SOLIDS (CORR):	6.50 (%)	LGS:	(lbm/bbl)
SAND:	0.50 (%)	OIL:	1.00 (%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	10.00 (cc)	Pm	0.70 (cc)
pf:	0.40 (cc)	Mf:	2.60 (cc)
Cl	500 (ppm)	Ca+:	40 (ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	(°F)
MUD ENGINEER	BILL MURPHY	CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	5,431.57 ($)
TODAY'S COST:	68,452.16 ($)	CUM COST:	39,570.54 ($)
COMMENTS:			

PUMP DATA

OP1: @	PUMP# 1	Liner Size
OP2: @	PUMP# 2	Liner Size

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	561.20
Integral Blade Stabilizer	2	3.28
Non-Mag Drill Collar	2	29.35
	2	28.74
Polycrystalline Diamond Bit	2	1.00
	2	1.50
TOTAL LENGTH:		626.87

MUD ADDITIVES

PROD.	AMOUNT
BENTONITE	68.00
SAWDUST	117.00
PAC-R	16.00
CAUSTIC SODA	9.00
TAX	1.00
	19.00
	5.00

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
00:00	16:00	16.00		DRILLING W/ 22K WOB, 365 GPM, 50 RPM, 1000 CFM @ PARASITE STR., 1000 CFM DOWN DP
16:00	16:30	0.50		RIG SERVICE
16:30	20:00	3.50		DRILLING
20:00	20:30	0.50		WIRELINE SURVEY 6715, 3.9 221.1 az
20:30	00:00	3.50		DRILLING

William Production RMT Company
Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK:		DATE:	11/4/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E	REPORT NO.:	15
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	16.00

TODAY'S DEPTH:	6,431.0 (ft)	CONTRACTOR: Frontier Drilling	AFE#: WT13581	DAILY WELL COST	37,851.51 ($)
PREV. DEPTH:	5,841.0 (ft)	RIG NO: 8	Property ID: 62207308	CUM. WELL COST:	1,127,443.79 ($)
PROGRESS:	590.0 (ft)	ROT. HOURS: 23.00 (hr)	CUM ROT HOURS: 161.25 (hr)	AFE AMOUNT:	0.00 ($)

LITHOLOGY:	SAND AND SHALE
PRESENT OPERATION:	05:00 DRILLING @6485'
ACTIVITY FORECAST:	DRILLING
FORMATION:	NORTH HORN

MUD GAS DATA

CONNECTION:	
TRIPDOWNTIME:	
BACKGROUND:	

CASING / WELL CONTROL		DRILLING DATA		WEATHER	
LAST CASING:		STRING WT UP:	PRESS:	GENERAL:	
DEPTH:		STRING WT DN:	RATE:	**PERSONNEL ON SITE**	
LAST BOP PRESS TEST:	10/31/2007	ST WT RT:	DP AV:	SUPERVISOR:	Brent Bascom
L.O.T.EMW:		TORQUE:	DC AV:	ENGINEER:	D-Allan Scharf

GENERAL

RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS
3,915.0	3.30	225.90	3,908.59	-160.35	-132.15	-160.35	0.06
4,424.0	3.60	200.20	4,416.70	-185.54	-148.19	-185.54	0.31
4,930.0	1.40	208.90	4,922.19	-205.86	-156.67	-205.86	0.44
5,404.0	3.00	229.70	5,395.83	-218.96	-168.92	-218.96	0.37
5,712.0	3.50	242.30	5,703.34	-228.54	-183.40	-228.54	0.28
6,214.0	3.50	197.70	6,204.49	-250.27	-201.83	-250.27	0.53

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R

MUD DATA

MUD TYPE	LOW SOLIDS		
DENSITY (IN/OUT	9.60 (ppg)	ECD:	9.80 (ppg)
GELS (10S/10M):	6.0/9.0 (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	40.00/20.000	VISCOSITY:	58.00 (s/qt)
API WL:	4.4 (cc/30min)	HTHP	@ 4.4/
SOLIDS (CORR):	9.50 (%)	LGS:	(lbm/bbl)
SAND:	0.50 (%)	OIL:	1.00 (%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	10.00 (cc)	Pm	0.70 (cc)
pf:	0.50 (cc)	Mf:	2.00 (cc)
Cl	500 (ppm)	Ca+:	40 (ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	70.0 (°F)
MUD ENGINEER	BILL MURPHY	CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	1,627.51 ($)
TODAY'S COST:	37,851.51 ($)	CUM COST:	34,138.97 ($)
COMMENTS:			

PUMP DATA

OP1: @	PUMP# 1	Liner Size
OP2: @	PUMP# 2	Liner Size

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	561.20
Integral Blade Stabilizer	2	3.28
Non-Mag Drill Collar	2	29.35
	2	28.74
Polycrystalline Diamond Bit	2	1.00
TOTAL LENGTH:		626.87

MUD ADDITIVES

PROD.	AMOUNT
BENTONITE	45.00
EZ-Mud	1.00
SAPP	1.00
CAUSTIC SODA	8.00
	8.00
	8.00

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
15:30	16:00	0.50		WIRELINE SURVEY @ 6214' 3.5 , 197.7 az
16:00	16:30	0.50		RIG SERVICE
16:30	00:00	7.50		DRILLING
00:00	15:30			DRILLING 20K WOB, 385 GPM, 50 RPM, 1000 CFM @ PARASITE STRING

William Production RMT Company
Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK:		DATE:	11/3/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E-	REPORT NO.:	14
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	15.00

TODAY'S DEPTH:	5,841.0 (ft)	CONTRACTOR: Frontier Drilling	AFE#: WT13581	DAILY WELL COST	37,999.63 ($)
PREV. DEPTH:	5,678.0 (ft)	RIG NO: 8	Property ID: 62207308	CUM. WELL COST:	1,089,592.28 ($)
PROGRESS:	163.0 (ft)	ROT. HOURS: 15.50 (hr)	CUM ROT HOURS: 145.75 (hr)	AFE AMOUNT:	0.00 ($)

LITHOLOGY:	SAND AND SHALE	MUD GAS DATA	
PRESENT OPERATION:	06:00 DRILLING @ 6100'	CONNECTION:	
ACTIVITY FORECAST:	DRILLING	TRIPDOWNTIME:	
FORMATION:	North Horn	BACKGROUND:	

CASING / WELL CONTROL		DRILLING DATA		WEATHER	
LAST CASING:		STRING WT UP:	PRESS:	GENERAL:	
DEPTH:		STRING WT DN:	RATE:	PERSONNEL ON SITE	
LAST BOP PRESS TEST:	10/31/2007	ST WT RT:	DP AV:	SUPERVISOR:	Brent Bascom
L.O.T.EMW:		TORQUE:	DC AV:	ENGNEER:	D-Allan Scharf

GENERAL	
RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS
3,470.0	3.38	230.45	3,464.34	-143.08	-112.84	-143.08	1.40
3,915.0	3.30	225.90	3,908.59	-160.35	-132.15	-160.35	0.06
4,424.0	3.60	200.20	4,416.70	-185.54	-148.19	-185.54	0.31
4,930.0	1.40	208.90	4,922.19	-205.86	-156.67	-205.86	0.44
5,404.0	3.00	229.70	5,395.83	-218.96	-168.92	-218.96	0.37
5,712.0	3.50	242.30	5,703.34	-228.54	-183.40	-228.54	0.28

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R
4/1	8.750	605z	16, 16	5,841.0	119.0		23.8	20,000 .0	50				0		PR

MUD DATA

MUD TYPE	LOW SOLIDS		
DENSITY (IN/OUT	9.60 (ppg)	ECD:	9.80 (ppg)
GELS (10S/10M):	6.0/9.0 (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	40.00/20.000	VISCOSITY:	58.00 (s/qt)
API WL:	4.4 (cc/30min)	HTHP	@ 4.4/
SOLIDS (CORR):	9.50 (%)	LGS:	(lbm/bbl)
SAND:	0.50 (%)	OIL:	1.00 (%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	10.00 (cc)	Pm	0.70 (cc)
pf:	0.50 (cc)	Mf:	2.00 (cc)
Cl	500 (ppm)	Ca+:	40 (ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	70.0 (°F)
MUD ENGINEER	BILL MURPHY	CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	4,093.63 ($)
TODAY'S COST:	37,999.63 ($)	CUM COST:	32,511.46 ($)
COMMENTS:			

PUMP DATA

OP1: @	PUMP# 1	Liner Size
OP2: @	PUMP# 2	Liner Size

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	561.20
Integral Blade Stabilizer	2	3.28
Non-Mag Drill Collar	2	29.35
	2	28.74
Polycrystalline Diamond Bit	2	1.00
TOTAL LENGTH:		626.87

MUD ADDITIVES

PROD.	AMOUNT
SAWDUST	98.00
PAC-R	12.00
CAUSTIC SODA	6.00
TAX	1.00
	12.00
	7.00

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
06:00	06:30	0.50		WIRELINE SURVEY 5712', 3.5 242.3 az
06:30	10:00	3.50		DRILLING
10:00	18:00	8.00		TRIP F/ BIT #4 good hole cond. no problems.
18:00	00:00	6.00		DRILLING W/ BIT #4
00:00	06:00	6.00		DRILLING W/ 18K WOB, 385 GPM, 1000 CFM @ PARASITE STRING

William Production RMT Company
Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK:		DATE:	11/2/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E	REPORT NO.:	13
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	14.00

TODAY'S DEPTH:	5,678.0 (ft)	CONTRACTOR: CYCLONE	AFE#: WT13581	DAILY WELL COST	38,755.63 ($)
PREV. DEPTH:	5,090.0 (ft)	RIG NO: 8	Property ID: 62207308	CUM. WELL COST:	1,051,592.65 ($)
PROGRESS:	588.0 (ft)	ROT. HOURS: 23.00 (hr)	CUM ROT HOURS: 122.75 (hr)	AFE AMOUNT:	0.00 ($)

LITHOLOGY:	SAND AND SHALE
PRESENT OPERATION:	06:00 DRILLING @ 5802'
ACTIVITY FORECAST:	DRLG.
FORMATION:	NORTH HORN

MUD GAS DATA

CONNECTION:	
TRIPDOWNTIME:	
BACKGROUND:	

CASING / WELL CONTROL

LAST CASING:	
DEPTH:	
LAST BOP PRESS TEST:	
L.O.T.EMW:	

DRILLING DATA

STRING WT UP:	
STRING WT DN:	
ST WT RT:	
TORQUE:	
PRESS:	
RATE:	
DP AV:	
DC AV:	

WEATHER

GENERAL:	

PERSONNEL ON SITE

SUPERVISOR:	Brent Bascom
ENGINEER:	D-Allan Scharf

GENERAL

RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS
2,997.0	3.20	214.10	2,994.12	-61.01	-67.67	-61.01	0.18
3,915.0	3.30	225.90	3,908.52	-166.75	-129.32	-166.75	0.06
3,915.0	3.30	225.90	3,907.75	-181.40	-134.67	-181.40	0.06
4,424.0	3.60	200.20	4,416.63	-191.94	-145.36	-191.94	0.31
4,930.0	1.40	208.90	4,922.12	-212.27	-153.84	-212.27	0.44
5,404.0	3.00	229.70	5,395.76	-225.36	-166.10	-225.36	0.37

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R
4/1	8.750	605z	16	5,841.0									0		PR

MUD DATA

MUD TYPE	LOW SOLIDS		
DENSITY (IN/OUT	9.80 (ppg)	ECD:	10.00 (ppg)
GELS (10S/10M):	10.0/15.0 (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	40.00/20.000	VISCOSITY:	70.00 (s/qt)
API WL:	4.4 (cc/30min)	HTHP	@ 4.4/
SOLIDS (CORR):	11.00 (%)	LGS:	(lbm/bbl)
SAND:	0.50 (%)	OIL:	1.00 (%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	10.00 (cc)	Pm	0.75 (cc)
pf:	0.50 (cc)	Mf:	1.80 (cc)
Cl	400 (ppm)	Ca+:	40 (ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	70.0 (°F)
MUD ENGINEER		CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	5,773.00 ($)
TODAY'S COST:	38,755.63 ($)	CUM COST:	28,417.83 ($)
COMMENTS:			

PUMP DATA

OP1: @	PUMP# 1	Stroke Length	10.00	Liner Size	6.000
OP2: @	PUMP# 2	Stroke Length	10.00	Liner Size	6.000

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	561.20
Integral Blade Stabilizer	2	3.28
Non-Mag Drill Collar	2	29.35
	2	28.74
Polycrystalline Diamond Bit	2	1.00
	2	1.50
TOTAL LENGTH:		626.87

MUD ADDITIVES

PROD.	AMOUNT
BENTONITE	36.00
SAWDUST	15.00
PAC-R	17.00
CAUSTIC SODA	12.00
TAX	1.00
	25.00
	12.00

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
14:00	14:30	0.50		WIRELINE SURVEY
14:30	15:00	0.50		RIG SERVICE
15:00	00:00	9.00		DRILLING
00:00	14:00			DRILLING ,15K WOB, 50RPM,385 GPM, 1000 CFM @PARASITE STR.

William Production RMT Company
Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK:		DATE:	11/1/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E	REPORT NO.:	12
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	13.00

TODAY'S DEPTH:	5,090.0 (ft)	CONTRACTOR: CYCLONE	AFE#: WT13581	DAILY WELL COST	51,307.43 ($)
PREV. DEPTH:	4,270.0 (ft)	RIG NO: 8	Property ID: 62207308	CUM. WELL COST:	1,012,837.02 ($)
PROGRESS:	820.0 (ft)	ROT. HOURS: 22.00 (hr)	CUM ROT HOURS: 100.75 (hr)	AFE AMOUNT:	0.00 ($)

LITHOLOGY:	SAND AND SHALE
PRESENT OPERATION:	DRILLING @ 5494'
ACTIVITY FORECAST:	DRILLING
FORMATION:	Flagstaff

MUD GAS DATA

CONNECTION:	
TRIPDOWNTIME:	
BACKGROUND:	

CASING / WELL CONTROL

LAST CASING:	
DEPTH:	
LAST BOP PRESS TEST:	10/31/2007
L.O.T.EMW:	

DRILLING DATA

STRING WT UP:	
STRING WT DN:	
ST WT RT:	
TORQUE:	
PRESS:	
RATE:	
DP AV:	
DC AV:	

WEATHER

GENERAL:	

PERSONNEL ON SITE

SUPERVISOR:	Brent Bascom
ENGNEER:	D-Allan Scharf

GENERAL

RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,997.0	3.20	214.10	2,994.12	-61.01	-67.67	-61.01	0.18
3,915.0	3.30	225.90	3,908.52	-166.75	-129.32	-166.75	0.06
3,915.0	3.30	225.90	3,907.75	-181.40	-134.67	-181.40	0.06
4,424.0	3.60	200.20	4,416.63	-191.94	-145.36	-191.94	0.31
4,930.0	1.40	208.90	4,922.12	-212.27	-153.84	-212.27	0.44

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R
4/1	8.750	605z	16	5,841.0									0		PR

MUD DATA

MUD TYPE	LOW SOLIDS		
DENSITY (IN/OUT	9.90 (ppg)	ECD:	10.05 (ppg)
GELS (10S/10M):	8.0/10.0 (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	30.00/20.000	VISCOSITY:	63.00 (s/qt)
API WL:	8.0 (cc/30min)	HTHP	@ 8.0/
SOLIDS (CORR):	11.00 (%)	LGS:	(lbm/bbl)
SAND:	(%)	OIL:	(%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	10.00 (cc)	Pm	0.75 (cc)
pf:	0.50 (cc)	Mf:	1.80 (cc)
Cl	400 (ppm)	Ca+:	40 (ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	65.0 (°F)
MUD ENGINEER		CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	0.00 ($)
TODAY'S COST:	51,307.43 ($)	CUM COST:	22,644.83 ($)
COMMENTS:			

PUMP DATA

OP1: @	PUMP# 1	Stroke Length	10.00	Liner Size	6.000
OP2: @	PUMP# 2	Stroke Length	10.00	Liner Size	6.000

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	561.20
Integral Blade Stabilizer	2	3.28
Non-Mag Drill Collar	2	29.35
	2	28.74
Polycrystalline Diamond Bit	2	1.00
	2	1.50
TOTAL LENGTH:		626.87

MUD ADDITIVES

PROD.	AMOUNT

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
07:30	08:00	0.50		Wireline Survey @ 4424', 3.6 200.2 az.
08:00	15:00	7.00		Drilling 4513' to 4703'
15:00	15:30	0.50		Rig Service
15:30	22:00	6.50		Drilling 4703' to 5020'
22:00	23:00	1.00		Wireline survey @ 4930', 1.40, 208.9 az
23:00	00:00	1.00		Drilling 5020' to 5090'
00:00	07:30			Drilling 4270' to 4513' 15K wob. 50 rpm,400 GPM, 1000 CFM @ parasite string

William Production RMT Company
Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK:		DATE:	10/31/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E	REPORT NO.:	11
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	12.00

TODAY'S DEPTH:	4,270.0 (ft)	CONTRACTOR: CYCLONE	AFE#: WT13581	DAILY WELL COST	33,218.50 ($)
PREV. DEPTH:	3,525.0 (ft)	RIG NO: 8	Property ID: 62207308	CUM. WELL COST:	981,529.59 ($)
PROGRESS:	745.0 (ft)	ROT. HOURS: 11.00 (hr)	CUM ROT HOURS: 89.75 (hr)	AFE AMOUNT:	0.00 ($)

LITHOLOGY:	SAND AND SHALE
PRESENT OPERATION:	06:00 DRILLING @ 4485
ACTIVITY FORECAST:	
FORMATION:	FLAGSTAFF

MUD GAS DATA

CONNECTION:	
TRIPDOWNTIME:	
BACKGROUND:	

CASING / WELL CONTROL

LAST CASING:	
DEPTH:	
LAST BOP PRESS TEST:	
L.O.T.EMW:	

DRILLING DATA

STRING WT UP:	
STRING WT DN:	
ST WT RT:	
TORQUE:	
PRESS:	
RATE:	
DP AV:	
DC AV:	

WEATHER

GENERAL:	

PERSONNEL ON SITE

SUPERVISOR:	Brent Bascom
ENGNEER:	D-Allan Scharf

GENERAL

RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS
3,400.0	3.66	226.03	3,394.41	-146.61	-106.80	-146.61	10.03
3,470.0	3.38	230.45	3,464.27	-149.48	-110.01	-149.48	0.58
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,997.0	3.20	214.10	2,994.12	-61.01	-67.67	-61.01	0.18
3,915.0	3.30	225.90	3,908.52	-166.75	-129.32	-166.75	0.06
3,915.0	3.30	225.90	3,907.75	-181.40	-134.67	-181.40	0.06

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R
4/1	8.750	605z	16	5,841.0	745.0		67.7						0		PR

MUD DATA

MUD TYPE	LSND		
DENSITY (IN/OUT	9.00 (ppg)	ECD:	9.07 (ppg)
GELS (10S/10M):	4.0/6.0 (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	14.00/2.000	VISCOSITY:	40.00 (s/qt)
API WL:	12.4 (cc/30min)	HTHP	@ 12.4/
SOLIDS (CORR):	5.00 (%)	LGS:	(lbm/bbl)
SAND:	0.50 (%)	OIL:	1.00 (%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	9.00 (cc)	Pm	0.24 (cc)
pf:	0.15 (cc)	Mf:	0.23 (cc)
Cl	400 (ppm)	Ca+:	40 (ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	65.0 (°F)
MUD ENGINEER		CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	4,683.87 ($)
TODAY'S COST:	33,218.50 ($)	CUM COST:	22,644.83 ($)
COMMENTS:			

PUMP DATA

OP1: @	PUMP# 1	Stroke Length	10.00	Liner Size	6.000
OP2: @	PUMP# 2	Stroke Length	10.00	Liner Size	6.000

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	581.20
Integral Blade Stabilizer	2	3.28
Non-Mag Drill Collar	2	29.35
	2	28.74
Polycrystalline Diamond Bit	2	1.00
	2	1.50
TOTAL LENGTH:		626.87

MUD ADDITIVES

PROD.	AMOUNT
BENTONITE	26.00
SAWDUST	150.00
EZ-Mud	8.00
PAC-R	11.00
TAX	1.00
	9.00
	8.00

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
06:00	11:30	5.50		INSTALL FLARE LINES
11:30	12:00	0.50		DRILL CEMENT AND FLOAT EQUIPTMENT. 3460' TO 3525'
12:00	12:30	0.50		DRILLING 3525' TO 3540'
12:30	13:00	0.50		F.I.T. @ 3540' W/ 9.4 PPG MUD, 475 PSI SHUT IN, 11.98 EMW
13:00	19:00	6.00		DRILLING 3540' TO 4008' 15K WOB, 400GPM 70 RPM W/ 1000 CFM @ PARASITE STRING.
19:00	19:30	0.50		WIRELINE SURVEY 3.3 INC., 225.9 AZ. @3915'
19:30	00:00	4.50		DRILLING 4008' TO4270'
00:00	03:30	3.50		PRESSURE TEST BOP
03:30	05:00	1.50		PICK UP BIT #3,TRIP IN HOLE TO 3047'
05:00	06:00	1.00		CUT AND SLIP 100' DRLG.LINE

William Production RMT Company
Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK:		DATE:	10/30/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E	REPORT NO.:	10
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	11.00

TODAY'S DEPTH:	3,525.0 (ft)	CONTRACTOR: CYCLONE	AFE#: WT13581	DAILY WELL COST	104,812.22 ($)
PREV. DEPTH:	3,525.0 (ft)	RIG NO: 8	Property ID: 62207308	CUM. WELL COST:	928,311.09 ($)
PROGRESS:	0.0 (ft)	ROT. HOURS: (hr)	CUM ROT HOURS: 89.75 (hr)	AFE AMOUNT:	0.00 ($)

LITHOLOGY:	SAND AND SHALE
PRESENT OPERATION:	INSTALL 11" 5M X9 5/8 S.O.W. WEATHERFORD CASING HEAD
ACTIVITY FORECAST:	
FORMATION:	WASATCH

MUD GAS DATA

CONNECTION:	
TRIPDOWNTIME:	
BACKGROUND:	

CASING / WELL CONTROL

LAST CASING:	9.625(in)
DEPTH:	3,507.0(ft)
LAST BOP PRESS TEST:	10/30/2007
L.O.T.EMW:	11.98(ppg)

DRILLING DATA

STRING WT UP:		PRESS:	
STRING WT DN:		RATE:	
ST WT RT:		DP AV:	
TORQUE:		DC AV:	

WEATHER

GENERAL:

PERSONNEL ON SITE

SUPERVISOR:	Brent Bascom
ENGNEER:	D-Allan Scharf

GENERAL

RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS
3,200.0	4.40	223.98	3,194.94	-136.35	-96.54	-136.35	1,666.67
3,300.0	4.28	225.10	3,294.65	-141.75	-101.85	-141.75	0.15
3,400.0	3.68	226.03	3,394.41	-146.61	-106.80	-146.61	10.03
3,470.0	3.38	230.45	3,464.27	-149.48	-110.01	-149.48	0.58
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,997.0	3.20	214.10	2,994.12	-61.01	-67.67	-61.01	0.18

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R

MUD DATA

MUD TYPE	LOW SOLIDS		
DENSITY (IN/OUT	9.70 (ppg)	ECD:	9.80 (ppg)
GELS (10S/10M):	5.0/10.0 (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	15.00/5.000	VISCOSITY:	41.00 (s/qt)
API WL:	9.6 (cc/30min)	HTHP	@ 9.6/
SOLIDS (CORR):	10.30 (%)	LGS:	(lbm/bbl)
SAND:	0.50 (%)	OIL:	1.00 (%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	8.70 (cc)	Pm	0.30 (cc)
pf:	0.25 (cc)	Mf:	2.60 (cc)
Cl	200 (ppm)	Ca+:	40 (ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	(°F)
MUD ENGINEER		CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	8,292.05 ($)
TODAY'S COST:	104,812.22 ($)	CUM COST:	17,960.98 ($)

COMMENTS: NOTIFICATION GIVEN TO DENNIS INGRAM, UT.D.O.G.M. @ 09:45 10/29/07, PRIOR TO BOP TEST

PUMP DATA

OP1: @	PUMP# 1	Stroke Length	10.00	Liner Size	6.000
OP2: @	PUMP# 2	Stroke Length	10.00	Liner Size	6.000

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	561.20
Integral Blade Stabilizer	2	3.28
Non-Mag Drill Collar	2	29.35
	2	28.74
Polycrystalline Diamond Bit	2	1.00
	2	1.50
	2	1.50
	2	1.50
TOTAL LENGTH:		626.87

MUD ADDITIVES

PROD.	AMOUNT
BENTONITE	166.00
SAWDUST	195.00
EZ-Mud	3.00
	10.00
SAPP	1.00
TAX	1.00
	10.00
	8.00
	45.00

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
22:30	00:00	1.50		Pressure test - Pipe & Blind Rams,Choke & Kill Lines,inside BOP,Upper & Lower Kelly cock and Safety Valve. 250 psi low/ 5000 psi high / 15 min. Annular BOP, 250/2500 psi 15 min. Casing 1500 psi 30 min.
00:00	01:00	1.00		Cement Surf.Csg.Pump 40 bbl H2O spacer,987 sx Prem Lite II leadslurry, 11.6#,2.59 cf/sk,Tail slurry 743 sx "G",14.6#,1.38 cf/sk, Displace w/284 bbl mud. circ 115 bbl cmnt to Pit.slow rate Lift 745 psi. land plug w/ 1306 psi.Floats held,Fluid top stayed at surface.
01:00	05:00	4.00		W.O.C.
05:00	22:30			Cut off conductor and casing. Install 11 5M x 9 5/8 S.O.W. Weatherford Casing Head.test to 1600 psi. Nipple up BOPE.

William Production RMT Company
Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK:		DATE:	10/29/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E-	REPORT NO.:	9
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	10.00

TODAY'S DEPTH:	3,525.0 (ft)	CONTRACTOR:	CYCLONE	AFE#:	WT13581
PREV. DEPTH:	3,525.0 (ft)	RIG NO:	8	Property ID:	62207308
PROGRESS:	0.0 (ft)	ROT. HOURS:	0.00 (hr)	CUM ROT HOURS:	89.75 (hr)

DAILY WELL COST	163,571.42 ($)
CUM. WELL COST:	823,498.87 ($)
AFE AMOUNT:	0.00 ($)

LITHOLOGY:	SAND AND SHALE
PRESENT OPERATION:	DRILLING @ 3075'
ACTIVITY FORECAST:	TOOH, LOG OPEN HOLE, RUN 9.625 SURFACE CASING
FORMATION:	WASATCH

MUD GAS DATA

CONNECTION:	
TRIPDOWNTIME:	
BACKGROUND:	

CASING / WELL CONTROL

LAST CASING:	9.625(in)
DEPTH:	3,507.0(ft)
LAST BOP PRESS TEST:	
L.O.T.EMW:	11.98(ppg)

DRILLING DATA

STRING WT UP:	
STRING WT DN:	
ST WT RT:	
TORQUE:	
PRESS:	
RATE:	
DP AV:	
DC AV:	

WEATHER

GENERAL:

PERSONNEL ON SITE

SUPERVISOR:	Brent Bascom
ENGNEER:	D-Allan Scharf

GENERAL

RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS
3,200.0	4.40	223.98	3,194.94	-136.35	-96.54	-136.35	1,666.67
3,300.0	4.28	225.10	3,294.65	-141.75	-101.85	-141.75	0.15
3,400.0	3.68	226.03	3,394.41	-146.61	-106.80	-146.61	10.03
3,470.0	3.38	230.45	3,464.27	-149.48	-110.01	-149.48	0.58
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,997.0	3.20	214.10	2,994.12	-61.01	-67.67	-61.01	0.18

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R

MUD DATA

MUD TYPE	LOW SOLIDS		
DENSITY (IN/OUT	9.80 (ppg)	ECD:	10.00 (ppg)
GELS (10S/10M):	5.0/10.0 (lbf/100ft²)	&KCL:	(lb*s^n/ft²)
PV/YP:	15.00/5.000	VISCOSITY:	51.00 (s/qt)
API WL:	10.0 (cc/30min)	HTHP	@ 10.0/
SOLIDS (CORR):	10.30 (%)	LGS:	(lbm/bbl)
SAND:	0.50 (%)	OIL:	1.00 (%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	9.00 (cc)	Pm	0.60 (cc)
pf:	0.15 (cc)	Mf:	0.70 (cc)
Cl	300 (ppm)	Ca+:	80 (ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	(°F)
MUD ENGINEER		CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	724.69 ($)
TODAY'S COST:	163,571.42 ($)	CUM COST:	9,668.91 ($)

COMMENTS: NOTIFICATION GIVEN TO DENNIS INGRAM, UT.D.O.G.M. @ 09:45 10/28/07, PRIOR TO SETTING SURFACE CASING.

PUMP DATA

OP1: @	PUMP# 1	Stroke Length	10.00	Liner Size	6.000
OP2: @	PUMP# 2	Stroke Length	10.00	Liner Size	6.000

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	561.20
Integral Blade Stabilizer	2	3.28
TOTAL LENGTH:		626.87

MUD ADDITIVES

PROD.	AMOUNT
SAWDUST	30.00
BARITE	39.00
TAX	1.00

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
09:30	18:30	9.00		SAFETY MEETING, RIG UP CASERS Run 9 jts.9 5/8",36.0#,J-55 LTC w/ Weatherford F.E. =405.52'+70Jts.9 5/8",40.0# J-55 LTC = 3106.72'. Tallied 3512.24' with 3346' 1.9" 2.76# J-55 10 rd Parasite Tbg.
18:30	21:15	2.75		CIRC.SURF.CSG., WASH 40', LAND SURF.CASING @ 3507' Rig up BJ
21:15	00:00	2.75		Safety Meeting, Press.Test Lines to 3000 psi. Cement Surf Casing
00:00	03:30	3.50		Trip out Lay down 8" tools
03:30	09:30			Log Open Hole,1 run PEX,BHC Sonic, GPIT

William Production RMT Company
Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK		DATE:	10/28/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E-	REPORT NO.:	9
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	9.00

TODAY'S DEPTH:	3,525.0 (ft)	CONTRACTOR: CYCLONE	AFE#: WT13581	DAILY WELL COST	34,583.31 ($)
PREV. DEPTH:	3,025.0 (ft)	RIG NO: 8	Property ID: 62207308	CUM. WELL COST:	659,927.45 ($)
PROGRESS:	500.0 (ft)	ROT. HOURS: 21.50 (hr)	CUM ROT HOURS: 68.25 (hr)	AFE AMOUNT:	0.00 ($)

LITHOLOGY:	SAND AND SHALE
PRESENT OPERATION:	08:00 LOG OPEN HOLE
ACTIVITY FORECAST:	
FORMATION:	WASATCH

MUD GAS DATA

CONNECTION:	
TRIPDOWNTIME:	
BACKGROUND:	

CASING / WELL CONTROL

LAST CASING:	9.625(in)
DEPTH:	3,507.0(ft)
LAST BOP PRESS TEST:	
L.O.T.EMW:	11.98(ppg)

DRILLING DATA

STRING WT UP:	
STRING WT DN:	
ST WT RT:	
TORQUE:	
PRESS:	
RATE:	
DP AV:	
DC AV:	

WEATHER

GENERAL:

PERSONNEL ON SITE

SUPERVISOR:	Brent Bascom
ENGNEER:	D-Allan Scharf

GENERAL

RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS
2,800.0	3.43	218.16	2,795.86	-115.92	-78.71	-115.92	0.20
2,997.0	3.20	214.10	2,994.12	-61.01	-67.67	-61.01	0.00
3,000.0	3.78	223.10	2,995.45	-125.87	-86.61	-125.87	0.46
3,200.0	4.30	223.98	3,194.93	-136.35	-96.54	-136.35	0.08
3,400.0	3.68	226.02	3,394.40	-146.61	-106.80	-146.61	0.60
3,470.0	3.38	230.45	3,464.27	-149.48	-110.01	-149.48	0.00

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R
2/2	8.750	519													

MUD DATA

MUD TYPE			
DENSITY (IN/OUT	(ppg)	ECD:	(ppg)
GELS (10S/10M):	/ (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	/	VISCOSITY:	(s/qt)
API WL:	(cc/30min)	HTHP	/
SOLIDS (CORR):	7.30 (%)	LGS:	(lbm/bbl)
SAND:	(%)	OIL:	(%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	9.50 (cc)	Pm	0.75 (cc)
pf:	0.25 (cc)	Mf:	0.70 (cc)
Cl	300 (ppm)	Ca+:	40 (ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	(°F)
MUD ENGINEER		CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	799.11 ($)
TODAY'S COST:	34,583.31 ($)	CUM COST:	8,944.22 ($)
COMMENTS:			

PUMP DATA

OP1: @	PUMP# 1	Stroke Length	10.00	Liner Size	6.000
OP2: @	PUMP# 2	Stroke Length	10.00	Liner Size	6.000

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	561.20
Integral Blade Stabilizer	2	3.28
Non-Mag Drill Collar	2	29.35
TOTAL LENGTH:		626.87

MUD ADDITIVES

PROD.	AMOUNT
BENTONITE	9.00
SAWDUST	65.00
SAPP	4.00
TAX	1.00

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
08:00	08:30	0.50		WIRELINE SURVEY
08:30	14:30	6.00		DRILLING
14:30	15:00	0.50		RIG SERVICE
15:00	22:30	7.50		DRILLING
22:30	23:15	0.75		CIRC FOR LOGS
23:15	00:00	0.75		TRIP OUT FOR LOGS
00:00	08:00			DRILLING, 20K WOB, 80 RPM, 625 GPM

William Production RMT Company
Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK:		DATE:	10/27/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E-	REPORT NO.:	8
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	8.00

TODAY'S DEPTH:	3,025.0 (ft)	CONTRACTOR: CYCLONE	AFE#: WT13581	DAILY WELL COST	36,233.18 ($)
PREV. DEPTH:	2,177.0 (ft)	RIG NO: 8	Property ID: 62207308	CUM. WELL COST:	625,344.14 ($)
PROGRESS:	848.0 (ft)	ROT. HOURS: 21.25 (hr)	CUM ROT HOURS: 47.00 (hr)	AFE AMOUNT:	0.00 ($)

LITHOLOGY:	SAND AND SHALE
PRESENT OPERATION:	drilling@3110'
ACTIVITY FORECAST:	drill to surface TD 3525'
FORMATION:	castle peak

MUD GAS DATA

CONNECTION:	
TRIPDOWNTIME:	
BACKGROUND:	

CASING / WELL CONTROL

LAST CASING:	9.625(in)
DEPTH:	3,507.0(ft)
LAST BOP PRESS TEST:	
L.O.T.EMW:	11.98(ppg)

DRILLING DATA

STRING WT UP:	122,000.0	PRESS:	1,900.0
STRING WT DN:	115,000.0	RATE:	
ST WT RT:	119,000.0	DP AV:	
TORQUE:	3,000.0	DC AV:	

WEATHER

GENERAL:

PERSONNEL ON SITE

SUPERVISOR:	Brent Bascom
ENGNEER:	D-Allan Scharf

GENERAL

RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS
2,400.0	2.98	215.55	2,396.49	-97.69	-65.51	-97.69	0.12
2,522.0	2.40	219.30	2,519.69	-42.34	-53.93	-42.34	0.01
2,600.0	3.18	216.13	2,598.20	-106.51	-71.86	-106.51	0.04
2,800.0	3.43	218.16	2,795.86	-115.92	-78.71	-115.92	0.20
2,997.0	3.20	214.10	2,994.12	-61.01	-67.67	-61.01	0.00
3,000.0	3.78	223.10	2,995.45	-125.87	-86.61	-125.87	0.46

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R
2/2	8.750	519													

MUD DATA

MUD TYPE			
DENSITY (IN/OUT	9.30 (ppg)	ECD:	9.40 (ppg)
GELS (10S/10M):	6.0/12.0 (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	20.00/20.000	VISCOSITY:	81.00 (s/qt)
API WL:	16.0 (cc/30min)	HTHP	@ 16.0/
SOLIDS (CORR):	(%)	LGS:	(lbm/bbl)
SAND:	0.25 (%)	OIL:	1.00 (%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	(cc)	Pm	(cc)
pf:	(cc)	Mf:	(cc)
Cl	(ppm)	Ca+:	(ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	60.0 (°F)
MUD ENGINEER		CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	2,427.18 ($)
TODAY'S COST:	36,233.18 ($)	CUM COST:	8,145.11 ($)
COMMENTS:			

PUMP DATA

OP1: @	PUMP# 1	Stroke Length	10.00	Liner Size	6.000
OP2: @	PUMP# 2	Stroke Length	10.00	Liner Size	6.000

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	561.20
Integral Blade Stabilizer	2	3.28
Non-Mag Drill Collar	2	29.35
	2	28.74
TOTAL LENGTH:		626.87

MUD ADDITIVES

PROD.	AMOUNT
BENTONITE	90.00
SAWDUST	130.00
CAUSTIC SODA	9.00
BARITE	80.00
TAX	1.00

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
02:00	12:00	10.00		DRILLING, 20K WOB
12:00	12:30	0.50		RIG SERVICE
12:30	19:00	6.50		DRILLING
19:00	19:15	0.25		WIRELINE SURVEY
19:15	00:00	4.75		DRILLING
00:00	02:00	2.00		TRIP IN HOLE

William Production RMT Company
Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK:		DATE:	10/26/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E	REPORT NO.:	7
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	7.00

TODAY'S DEPTH:	2,177.0 (ft)	CONTRACTOR: CYCLONE	AFE#: WT13581	DAILY WELL COST	82,761.81 ($)
PREV. DEPTH:	1,460.0 (ft)	RIG NO: 8	Property ID: 62207308	CUM. WELL COST:	589,110.96 ($)
PROGRESS:	717.0 (ft)	ROT. HOURS: 19.50 (hr)	CUM ROT HOURS: 27.50 (hr)	AFE AMOUNT:	0.00 ($)
LITHOLOGY:	SAND AND SHALE				
PRESENT OPERATION:	DRILLING @ 2235,				
ACTIVITY FORECAST:	DRILL 14 3/4" SURFACE HOLE				
FORMATION:	M.GREENRIVER				

MUD GAS DATA

CONNECTION:	
TRIPDOWNTIME:	
BACKGROUND:	

CASING / WELL CONTROL

LAST CASING:	9.625(in)	DEPTH:	3,507.0(ft)
LAST BOP PRESS TEST:		L.O.T.EMW:	11.98(ppg)

DRILLING DATA

STRING WT UP:		PRESS:	
STRING WT DN:		RATE:	
ST WT RT:		DP AV:	
TORQUE:		DC AV:	

WEATHER

GENERAL:

PERSONNEL ON SITE

SUPERVISOR:	Brent Bascom
ENGNEER:	D-Allan Scharf

GENERAL

RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS
914.0	3.10		913.54	-6.04	-14.34	-6.04	1.87
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.0	3.97	212.12	1,597.86	-59.42	-39.32	-59.42	0.14
1,800.0	3.70	213.86	1,797.41	-70.66	-46.65	-70.66	0.17
2,000.0	3.05	216.10	1,997.06	-80.37	-53.28	-80.37	0.34
2,200.0	2.86	215.99	2,196.75	-89.40	-59.71	-89.40	0.15

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R
1/1	14.750	MKS 75	18	2,177.0									1		PR

MUD DATA

MUD TYPE	LSND		
DENSITY (IN/OUT	9.30 (ppg)	ECD:	9.40 (ppg)
GELS (10S/10M):	10.0/14.0 (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	/	VISCOSITY:	52.00 (s/qt)
API WL:	10.0 (cc/30min)	HTHP	@ 10.0/
SOLIDS (CORR):	8.80 (%)	LGS:	(lbm/bbl)
SAND:	0.25 (%)	OIL:	(%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	9.50 (cc)	Pm	0.75 (cc)
pf:	0.25 (cc)	Mf:	0.70 (cc)
Cl	300 (ppm)	Ca+:	40 (ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	65.0 (°F)
MUD ENGINEER		CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	777.31 ($)
TODAY'S COST:	82,761.81 ($)	CUM COST:	5,717.93 ($)
COMMENTS:			

PUMP DATA

OP1: @	PUMP# 1	Stroke Length	10.00	Liner Size	6.000
OP2: @	PUMP# 2	Stroke Length	10.00	Liner Size	6.000

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	561.20
Integral Blade Stabilizer	2	3.28
TOTAL LENGTH:		626.87

MUD ADDITIVES

PROD.	AMOUNT
BENTONITE	46.00
SAWDUST	75.00
TAX	1.00

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
04:30	13:00	8.50		DRILLING
13:00	13:30	0.50		RIG SERVICEWIRELINE SURVEY
13:30	14:00	0.50		WIRELINE SURVEY
14:00	21:00	7.00		DRILLING
21:00	00:00	3.00		TRIP OUT F/ NMDC
00:00	04:00	4.00		DRILLING 20K WOB,625 GPM, 80 RPM
04:00	04:30	0.50		WIRELINE SURVEY

William Production RMT Company
Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK:		DATE:	10/25/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E	REPORT NO.:	6
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	6.00

TODAY'S DEPTH:	1,460.0 (ft)	CONTRACTOR: CYCLONE	AFE#: WT13581	DAILY WELL COST	65,508.84 ($)
PREV. DEPTH:	685.0 (ft)	RIG NO: 8	Property ID: 62207308	CUM. WELL COST:	506,349.15 ($)
PROGRESS:	775.0 (ft)	ROT. HOURS: 18.00 (hr)	CUM ROT HOURS: 9.50 (hr)	AFE AMOUNT:	0.00 ($)

LITHOLOGY:	SAND AND SHALE
PRESENT OPERATION:	06:00 DRILLING @ 865'
ACTIVITY FORECAST:	DRILLING
FORMATION:	M.GREENRIVER

MUD GAS DATA

CONNECTION:	
TRIPDOWNTIME:	
BACKGROUND:	

CASING / WELL CONTROL

LAST CASING:	9.625(in)
DEPTH:	3,507.0(ft)
LAST BOP PRESS TEST:	
L.O.T.EMW:	11.98(ppg)

DRILLING DATA

STRING WT UP:	98,000.0	PRESS:	
STRING WT DN:	95,000.0	RATE:	
ST WT RT:	96,000.0	DP AV:	
TORQUE:	2,000.0	DC AV:	

WEATHER

GENERAL:

PERSONNEL ON SITE

SUPERVISOR:	Brent Bascom
ENGNEER:	D-Allan Scharf

GENERAL

RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS
1,000.0	3.47	213.14	999.36	-25.34	-17.49	-25.34	0.42
1,200.0	4.21	211.00	1,198.91	-36.70	-24.58	-36.70	0.38
1,232.0	4.50		1,231.14	-7.62	-21.63	-7.62	5.82
1,400.0	4.37	211.68	1,398.35	-49.47	-32.36	-49.47	0.08
8,000.0	2.99	213.40	7,986.65	-352.17	-277.76	-352.17	0.02
914.0	3.10		913.54	-6.04	-14.34	-6.04	1.87

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R
1/1	14.750	MKS 75	18	2,177.0									1		PR

MUD DATA

MUD TYPE			
DENSITY (IN/OUT	(ppg)	ECD:	(ppg)
GELS (10S/10M):	/ (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	/	VISCOSITY:	(s/qt)
API WL:	(cc/30min)	HTHP	/
SOLIDS (CORR):	6.50 (%)	LGS:	(lbm/bbl)
SAND:	(%)	OIL:	(%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	9.80 (cc)	Pm	0.58 (cc)
pf:	0.30 (cc)	Mf:	0.60 (cc)
Cl	300 (ppm)	Ca+:	120 (ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	(°F)
MUD ENGINEER		CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	3,861.87 ($)
TODAY'S COST:	85,508.84 ($)	CUM COST:	4,940.62 ($)
COMMENTS:			

PUMP DATA

OP1: @	PUMP# 1	Stroke Length	10.00	Liner Size	6.000
OP2: @	PUMP# 2	Stroke Length	10.00	Liner Size	6.000

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	561.20
Integral Blade Stabilizer	2	3.28
TOTAL LENGTH:		626.87

MUD ADDITIVES

PROD.	AMOUNT
BENTONITE	569.00
CAUSTIC SODA	4.00
	1.00

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
00:00	07:00	7.00		DRILLING W/ 18K WOB,550 GPM, 80 RPM, 1000 CFM
07:00	07:30	0.50		WIRELINE SURVEY
07:30	13:30	6.00		DRILLING
13:30	14:00	0.50		RIG SERVICE
14:00	14:30	0.50		DRILLING
14:30	15:00	0.50		WIRELINE SURVEY
15:00	18:30	3.50		DRILLING
18:30	23:00	4.50		TRIP F/ BIT
23:00	00:00	1.00		DRILLING

William Production RMT Company
Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK:		DATE:	10/24/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E-	REPORT NO.:	5
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	5.00

TODAY'S DEPTH:	885.0 (ft)	CONTRACTOR: Cyclone Drilling	AFE#: WT13581	DAILY WELL COST	37,425.42 ($)
PREV. DEPTH:	103.0 (ft)	RIG NO: 8	Property ID: 62207308	CUM. WELL COST:	440,840.31 ($)
PROGRESS:	582.0 (ft)	ROT. HOURS: 9.50 (hr)	CUM ROT HOURS: 0.00 (hr)	AFE AMOUNT:	0.00 ($)

LITHOLOGY:	SAND AND SHALE
PRESENT OPERATION:	DRILLING @ 885'
ACTIVITY FORECAST:	DRILL AND SURVEY
FORMATION:	M.GREEN RIVER

MUD GAS DATA

CONNECTION:	
TRIPDOWNTIME:	
BACKGROUND:	

CASING / WELL CONTROL

LAST CASING:	9.625(in)
DEPTH:	3,507.0(ft)
LAST BOP PRESS TEST:	
L.O.T.EMW:	11.98(ppg)

DRILLING DATA

STRING WT UP:		PRESS:	
STRING WT DN:		RATE:	
ST WT RT:		DP AV:	
TORQUE:		DC AV:	

WEATHER

GENERAL:

PERSONNEL ON SITE

SUPERVISOR:	Brent Bascom
ENGNEER:	D-Allan Scharf

GENERAL

RIG PHONE NO:	
SPUD DATE/TIME:	10/24/2007 @ 2:00:00PM
RR DATE/TIME:	
FINAL REPORT?:	N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS
400.0	1.52	214.10	399.97	-3.42	-2.00	-3.42	0.57
600.0	1.84	221.37	599.81	-10.38	-6.63	-10.38	0.19
600.0	1.84	221.37	599.88	-8.03	-5.61	-8.03	0.19
0.0	1.40	0.00	0.00	0.00	0.00	0.00	0.00
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R
2/2	8.750	519													

MUD DATA

MUD TYPE	LSND		
DENSITY (IN/OUT	8.80 (ppg)	ECD:	8.90 (ppg)
GELS (10S/10M):	6.0/12.0 (lbf/100ft²)	&KCL:	(lb*s^n/ft²)
PV/YP:	5.00/15.000	VISCOSITY:	61.00 (s/qt)
API WL:	12.0 (cc/30min)	HTHP	@ 12.0/
SOLIDS (CORR):	6.50 (%)	LGS:	(lbm/bbl)
SAND:	(%)	OIL:	(%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	9.80 (cc)	Pm	0.58 (cc)
pf:	0.30 (cc)	Mf:	0.60 (cc)
Cl	300 (ppm)	Ca+:	120 (ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	80.0 (°F)
MUD ENGINEER		CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	1,078.75 ($)
TODAY'S COST:	37,425.42 ($)	CUM COST:	1,078.75 ($)
COMMENTS:			

PUMP DATA

OP1: @	PUMP# 1	Stroke Length	10.00	Liner Size	6.000
OP2: @	PUMP# 2	Stroke Length	10.00	Liner Size	6.000

CURRENT BHA

DESCR.	NO	LENGTH
Cross Over	2	1.80
Drill Collar	2	561.20
Integral Blade Stabilizer	2	3.28
TOTAL LENGTH:		626.87

MUD ADDITIVES

PROD.	AMOUNT
BENTONITE	140.00
CAUSTIC SODA	3.00
	1.00

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
12:30	14:00	1.50		DRILL 14.75" SURFACE HOLE
14:00	15:30	1.50		INSTALL ROTATING HEAD
15:30	20:30	5.00		DRILLING 8-12K WOB, 70 RPM 550 GPM
20:30	21:00	0.50		WIRELINE SURVEY
21:00	00:00	3.00		DRILLING 12-18K, 550 GPM, 1000 CFM DOWN DP
00:00	12:30			PICK UP BHA, FAB AND INSTALL BLOOIE LINE

William Production RMT Company
Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK:		DATE:	10/23/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E	REPORT NO.:	4
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	4.00

TODAY'S DEPTH:	103.0 (ft)	CONTRACTOR: Cyclone Drilling	AFE#: WT13581	DAILY WELL COST	87,920.49 ($)
PREV. DEPTH:	103.0 (ft)	RIG NO: 8	Property ID: 62207308	CUM. WELL COST:	403,414.89 ($)
PROGRESS:	0.0 (ft)	ROT. HOURS: (hr)	CUM ROT HOURS: 0.00 (hr)	AFE AMOUNT:	0.00 ($)

LITHOLOGY:

PRESENT OPERATION:

ACTIVITY FORECAST:

FORMATION:

MUD GAS DATA

CONNECTION:

TRIPDOWNTIME:

BACKGROUND:

CASING / WELL CONTROL

LAST CASING:

DEPTH:

LAST BOP PRESS TEST:

L.O.T.EMW:

DRILLING DATA

STRING WT UP:	PRESS:
STRING WT DN:	RATE:
ST WT RT:	DP AV:
TORQUE:	DC AV:

WEATHER

GENERAL:

PERSONNEL ON SITE

SUPERVISOR: Brent Bascom

ENGNEER: D-Allan Scharf

GENERAL

RIG PHONE NO:

SPUD DATE/TIME: 10/24/2007 @ 2:00:00PM

RR DATE/TIME:

FINAL REPORT?: N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R

MUD DATA

MUD TYPE			
DENSITY (IN/OUT	(ppg)	ECD:	(ppg)
GELS (10S/10M):	/ (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	/	VISCOSITY:	(s/qt)
API WL:	(cc/30min)	HTHP	/
SOLIDS (CORR):	(%)	LGS:	(lbm/bbl)
SAND:	(%)	OIL:	(%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	(cc)	Pm	(cc)
pf:	(cc)	Mf:	(cc)
Cl	(ppm)	Ca+:	(ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	(°F)
MUD ENGINEER		CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	0.00 ($)
TODAY'S COST:	87,920.49 ($)	CUM COST:	0.00 ($)
COMMENTS:			

PUMP DATA

OP1: @	PUMP# 1	Stroke Length	10.00	Liner Size	6.000
OP2: @	PUMP# 2	Stroke Length	10.00	Liner Size	6.000

CURRENT BHA

DESCR.	NO	LENGTH
TOTAL LENGTH:		

MUD ADDITIVES

PROD.	AMOUNT

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
08:00	00:00	16.00		INSTALL CONDUCTOR, FABRICATE FLOWLINES AND BLOOIE LINE
00:00	08:00			RIG UP FLOOR

William Production RMT Company
Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK:		DATE:	10/22/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E	REPORT NO.:	3
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	3.00

TODAY'S DEPTH:	103.0 (ft)	CONTRACTOR: Cyclone Drilling	AFE#: WT13581	DAILY WELL COST	196,394.40 ($)
PREV. DEPTH:	103.0 (ft)	RIG NO: 8	Property ID: 62207308	CUM. WELL COST:	315,494.40 ($)
PROGRESS:	0.0 (ft)	ROT. HOURS: (hr)	CUM ROT HOURS: 0.00 (hr)	AFE AMOUNT:	0.00 ($)

LITHOLOGY:

PRESENT OPERATION: RIG UP

ACTIVITY FORECAST: RIG UP

FORMATION:

MUD GAS DATA

CONNECTION:

TRIPDOWNTIME:

BACKGROUND:

CASING / WELL CONTROL

LAST CASING:

DEPTH:

LAST BOP PRESS TEST:

L.O.T.EMW:

DRILLING DATA

STRING WT UP:	PRESS:
STRING WT DN:	RATE:
ST WT RT:	DP AV:
TORQUE:	DC AV:

WEATHER

GENERAL:

PERSONNEL ON SITE

SUPERVISOR: Brent Bascom

ENGINEER: D-Allan Scharf

GENERAL

RIG PHONE NO:

SPUD DATE/TIME: 10/24/2007 @ 2:00:00PM

RR DATE/TIME:

FINAL REPORT?: N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION			
												T	B	G	R

MUD DATA

MUD TYPE			
DENSITY (IN/OUT	(ppg)	ECD:	(ppg)
GELS (10S/10M):	/ (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	/	VISCOSITY:	(s/qt)
API WL:	(cc/30min)	HTHP	/
SOLIDS (CORR):	(%)	LGS:	(lbm/bbl)
SAND:	(%)	OIL:	(%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	(cc)	Pm	(cc)
pf:	(cc)	Mf:	(cc)
Cl	(ppm)	Ca+:	(ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	(°F)
MUD ENGINEER		CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	0.00 ($)
TODAY'S COST:	196,394.40 ($)	CUM COST:	0.00 ($)
COMMENTS:			

PUMP DATA

OP1: @	PUMP# 1	Stroke Length	10.00	Liner Size	6.000
OP2: @	PUMP# 2	Stroke Length	10.00	Liner Size	6.000

CURRENT BHA

DESCR.	NO	LENGTH
TOTAL LENGTH:		

MUD ADDITIVES

PROD.	AMOUNT

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
08:00	00:00	18.00		RIG UP.RELEASE TRUCKS AND CRANE. BREAK TOUR
00:00	08:00	6.00		RIG IDLE

William Production RMT Company
Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK:		DATE:	10/21/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E	REPORT NO.:	2
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	2.00

TODAY'S DEPTH:	103.0 (ft)	CONTRACTOR: Cyclone Drilling	AFE#: WT13581	DAILY WELL COST	19,300.00 ($)
PREV. DEPTH:	103.0 (ft)	RIG NO: 8	Property ID: 62207308	CUM. WELL COST:	119,100.00 ($)
PROGRESS:	0.0 (ft)	ROT. HOURS: (hr)	CUM ROT HOURS: 0.00 (hr)	AFE AMOUNT:	0.00 ($)

LITHOLOGY:

PRESENT OPERATION: MIRU

ACTIVITY FORECAST: RIG UP

FORMATION:

MUD GAS DATA

CONNECTION:

TRIPDOWNTIME:

BACKGROUND:

CASING / WELL CONTROL

LAST CASING:

DEPTH:

LAST BOP PRESS TEST:

L.O.T.EMW:

DRILLING DATA

STRING WT UP:	PRESS:
STRING WT DN:	RATE:
ST WT RT:	DP AV:
TORQUE:	DC AV:

WEATHER

GENERAL:

PERSONNEL ON SITE

SUPERVISOR: Brent Bascom

ENGNEER: D-Allan Scharf

GENERAL

RIG PHONE NO:

SPUD DATE/TIME: 10/24/2007 @ 2:00:00PM

RR DATE/TIME:

FINAL REPORT?: N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R

MUD DATA

MUD TYPE			
DENSITY (IN/OUT	(ppg)	ECD:	(ppg)
GELS (10S/10M):	/ (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	/	VISCOSITY:	(s/qt)
API WL:	(cc/30min)	HTHP	/
SOLIDS (CORR):	(%)	LGS:	(lbm/bbl)
SAND:	(%)	OIL:	(%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	(cc)	Pm	(cc)
pf:	(cc)	Mf:	(cc)
Cl	(ppm)	Ca+:	(ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	(°F)
MUD ENGINEER		CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	0.00 ($)
TODAY'S COST:	19,300.00 ($)	CUM COST:	0.00 ($)
COMMENTS:			

PUMP DATA

OP1: @	PUMP# 1	Stroke Length	10.00	Liner Size	6.000
OP2: @	PUMP# 2	Stroke Length	10.00	Liner Size	6.000

CURRENT BHA

DESCR.	NO	LENGTH
TOTAL LENGTH:		

MUD ADDITIVES

PROD.	AMOUNT

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
06:00	18:00	12.00		MIRU
18:00	00:00	6.00		RIG IDLE

4301333758

William Production RMT Company
Daily Report

WELL:	State Reservation Ridge 42-2	SIDETRACK:		DATE:	10/20/2007
EVENT:	DRILLING	LOCATION:	2-11-S-11-E	REPORT NO.:	1
OBJECTIVE:	EXPLORATORY	COUNTY:	DUCHESNE UTAH	DAYS ON LOCATION:	1.00

TODAY'S DEPTH:	103.0 (ft)	CONTRACTOR: Cyclone Drilling	AFE#: WT13581	DAILY WELL COST	99,800.00 ($)
PREV. DEPTH:	(ft)	RIG NO: 8	Property ID: 62207308	CUM. WELL COST:	99,800.00 ($)
PROGRESS:	103.0 (ft)	ROT. HOURS: (hr)	CUM ROT HOURS: 0.00 (hr)	AFE AMOUNT:	0.00 ($)

LITHOLOGY:

PRESENT OPERATION: MOVE IN / RIG UP

ACTIVITY FORECAST: RIG UP W/ 2 RIG CREWS

FORMATION: M.GREEN RIVER

MUD GAS DATA

CONNECTION:

TRIPDOWNTIME:

BACKGROUND:

CASING / WELL CONTROL

LAST CASING:

DEPTH:

LAST BOP PRESS TEST:

L.O.T.EMW:

DRILLING DATA

STRING WT UP:	PRESS:
STRING WT DN:	RATE:
ST WT RT:	DP AV:
TORQUE:	DC AV:

WEATHER

GENERAL:

PERSONNEL ON SITE

SUPERVISOR:

ENGINEER:

GENERAL

RIG PHONE NO:

SPUD DATE/TIME: 10/24/2007 @ 2:00:00PM

RR DATE/TIME:

FINAL REPORT?: N

SURVEY DATA (LAST 6)

DEPTH	ANGLE	AZMUTH	TVD	NS(-)	EW(-)	VS.	DLS

BIT RECORD

BIT#	SIZE	TYPE	JETS	DEPTH OUT	CUM. FTGE	CUM. HOURS	ROP	WOB	RPM	HHP	P BIT	DULL CONDITION T	B	G	R

MUD DATA

MUD TYPE			
DENSITY (IN/OUT	(ppg)	ECD:	(ppg)
GELS (10S/10M):	/ (lbf/100ft²)	&KCL:	(lb*s^n'/ft²)
PV/YP:	/	VISCOSITY:	(s/qt)
API WL:	(cc/30min)	HTHP	/
SOLIDS (CORR):	(%)	LGS:	(lbm/bbl)
SAND:	(%)	OIL:	(%)
MBT:	(lbm/bbl)	LIME:	(lbm/bbl)
pH	(cc)	Pm	(cc)
pf:	(cc)	Mf:	(cc)
Cl	(ppm)	Ca+:	(ppm)
K+:	(ppm)	POLYMER:	
CACL2(%)	(%)	ES:	(Volts)
H2S	(%)	6RPM	(°)
BICARBONATE:	(ppm)	CARBONATE:	(ppm)
WATER ADD:	(gal/sk94)	OIL ADD:	(%)
CHECK DEPTH		F.L. TEMP:	(°F)
MUD ENGINEER		CUM. WATER:	(bbl)
O/W	/ (%)	DAILY COST	0.00 ($)
TODAY'S COST:	99,800.00 ($)	CUM COST:	0.00 ($)
COMMENTS:			

PUMP DATA

OP1: @	PUMP# 1	Stroke Length	10.00	Liner Size	6.000
OP2: @	PUMP# 2	Stroke Length	10.00	Liner Size	6.000

CURRENT BHA

DESCR.	NO	LENGTH
TOTAL LENGTH:		

MUD ADDITIVES

PROD.	AMOUNT

RECEIVED
MAR 19 2008
DIV. OF OIL, GAS & MINING

OPERATIONS (00:00 TO 00:00)

FROM	TO	HRS	P/U/T	DETAILS
06:00	18:00	12.00		
18:00	00:00	6.00		

2 11S 11E

UTAH DIVISION OF OIL, GAS AND MINING

NOTICE OF REPORTING PROBLEMS

Operator: Williams Production RMT Company Account: N1945 Today's Date: 09/11/2008

Problems:

- [x] Late Report(s)
- [ ] Inaccurate Report(s)
- [ ] Incomplete Report(s)
- [x] Other: Amended WCR and Sundry

Failure to submit reports in a timely, accurate, and complete manner may result in the issuance of a Notice of Violation by the Division of Oil, Gas and Mining, and may result in the Division pursuing enforcement action as outlined in Rule R649-10, Administrative Procedures, and Section 40-6-11 of the Utah Code.

To avoid compliance action, these reporting problems should be resolved within 7 days.

Send reports to:

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

Fax to:

(801) 359-3940

Type of Report	Month(s) of Problem Report
[ ] Production – Form 10 [ ] Disposition – Form 11 [ ] Gas Plant – Form 13 [ ] Enhanced Recovery – UIC Form 2 [ ] Injection – UIC Form 3 [ ] Other _____	

Type of Report	Well Name(s)	API Number(s)	Drilling Commenced
[ ] Spud Notice – Form 9 [x] Drilling Reports – Form 9 [x] Well Completion Report – Form 8 [x] Other Sundry w/ reason for deviation	ST Reservation Ridge 42-2 [ ] List Attached	4301333758	10/22/2007

Description of Problem:

Operator submitted well completion report 3-19-08. Per engineer review an amended well completion report with test data and sundry with reason for deviation was requested. Operator must submit requested reports and/or monthly drilling reports per R649-3-6.

If you have questions or concerns regarding this matter, please contact Rachel Medina at (801) 538-5260 .

cc: Compliance File
RAM
Well File
CHD

Rule References

Spud Notice:
Utah Oil and Gas Conservation General Rules R649-3-6 states that,

- The spudding in of a well shall be reported to the division within 24 hours. The report should include the well name and number, drilling contractor, rig number and type, spud date and time, the date that continuous drilling will commence, the name of the person reporting the spud, and a contact telephone number.

Monthly Drilling Reports:
Utah Oil and Gas Conservation General Rule R649-3-6 states that,

- Operators shall submit monthly status reports for each drilling well (including wells where drilling operations have been suspended). The report should include the well depth and a description of the operations conducted on the well during the month. The report shall be submitted no later than the fifth day of the following calendar month until such time as the well is completed and the well completion report is filed.

Well Completion Reports:
Utah Oil and Gas Conservation General Rule R649-3-21 states that,

- A well is considered completed when the well has been adequately worked to be capable of producing oil or gas or when well testing as required by the division is concluded. Within 30 days after the completion or plugging of a well, the following shall be filed:
  - Form 8, Well Completion or Recompletion Report and Log
  - A copy of electric and radioactivity logs, if run
  - A copy of drillstem test reports,
  - A copy of formation water analyses, porosity, permeability or fluid saturation determinations,
  - A copy of core analyses, and lithologic logs or sample descriptions if compiled,
  - A copy of directional, deviation, and/or measurement-while-drilling survey for each horizontal well.

Monthly Production and Disposition Reports:
Utah Oil and Gas Conservation General Rules R649-8-11 and R649-8-12 state that,

- Operators shall complete Forms 10 and 11 to properly account for the production and disposition of all oil, gas and water from each well, and submit the reports on or before the fifteenth day of the second calendar month following the month of production. Reports are to be submitted for all producing, shut-in, and temporarily-abandoned wells even if the wells did not produce during the report month.

Monthly Report of Enhanced Recovery:
Utah Oil and Gas Conservation General Rule R649-8-19 states that,

- Operators shall submit UIC Form 2, Monthly Report of Enhanced Recovery Project within 30 days following the end of the month of operations to report the injection pressure, rate, and volume for each enhanced recovery injection well or project.

Monthly Injection Report:
Utah Oil and Gas Conservation General Rule R649-8-20 states that,

- Operators shall submit UIC Form 3, Monthly Injection Report within 30 days following the end of the month of operations to report the daily injection pressure, rate, and volume for each disposal well and/or storage well.

Monthly Report of Gas Processing Plant:
Utah Oil and Gas Conservation General Rules R649-6-1, R649-8-14, and R649-8-15 state that,

- Gas processing plant operators shall complete and submit a monthly report to account for the receipt, processing and disposition of all gas by the plant on or before the fifteenth day of the second calendar month following the operations month covered by the report. Plant operators that are required by contractual arrangements to allocate residue gas and extracted liquids to the individual producing wells must complete Form 13-B and submit it as an attachment to Form 13-A to identify each well or entity connected to the plant by API number and to report the metered wet gas volumes, residue gas volumes returned to the field, and all allocated residue gas and natural gas liquid volumes.

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 ☐ GAS WELL ☑ OTHER
2. NAME OF OPERATOR: Williams Production RMT
3. ADDRESS OF OPERATOR: 1515 Arapahoe St. Ste 1000 CITY Denver STATE CO ZIP 80202
PHONE NUMBER: (303) 606-4374
4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2150' FNL & 787' FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 2 11S 11E
COUNTY: Duchesne
STATE: UTAH

5. LEASE DESIGNATION AND SERIAL NUMBER: ML 48651
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME:
8. WELL NAME and NUMBER: State Reservation Ridge 42-2
9. API NUMBER: 4301333758
10. FIELD AND POOL, OR WILDCAT: Wildcat

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☑ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER:
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Request to flow test for a 3 week period. The request is being made for the purpose of evaluating gas production for the lower portion of the well to determine the validity of future work in the area. The gas will be flared. A 24 hour duration test will be conducted while flaring and will be provided to the state of Utah per R649-3-19. Expect to flare 20 mmcf per Darren Kirkwood DKD

COPY SENT TO OPERATOR
Date: 9·23·2008
Initials: KS

NAME (PLEASE PRINT) Darren Kirkwood TITLE Reservoir Engineer
SIGNATURE DATE 9/17/08

(This space for State use only)
APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 9/17/08
BY:
*R649-3-20 (1.2)

(5/2000) (See Instructions on Reverse Side)

RECEIVED
SEP 17 2008
DIV. OF OIL, GAS & MINING

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: ML 48651

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER

8. WELL NAME and NUMBER: State Reservation Ridge 42-2

2. NAME OF OPERATOR: Williams Production RMT Company

9. API NUMBER: 013-33758

3. ADDRESS OF OPERATOR: 1515 Arapahoe Street CITY Denver STATE CO ZIP 80202

PHONE NUMBER: (303) 606-4280

10. FIELD AND POOL, OR WILDCAT: Wildcat

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 2150' FNL & 786' FEL

COUNTY: Duchesne

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 2 11S 11E

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☑ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion: 12/11/2007	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Final Legal survey Plat
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please see attached letter and other attachments depicting the bottom hole location for the SRR 42-2

COPY SENT TO OPERATOR
Date: 10·14·2008
Initials: KS

NAME (PLEASE PRINT) Darren Kirkwood TITLE Operations Engineer of Williams Prod. RMT Co.

SIGNATURE [signature] DATE 9/18/2008

(This space for State use only)

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 10/14/08
BY: [signature]
* Met requirements of R649-3-2 and R649-3-11

RECEIVED
SEP 18 2008
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

Williams Production RMT Company
1515 Arapahoe Street
Tower III, Suite 1000
Denver, Colorado 80202

September 18, 2008.

Utah Department of Natural Resource
Division of Oil, Gas, and Mining
1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801

Attn: Dustin Doucet
Petroleum Engineer

Ref: Statement of Ownership of BHL
API# 43-013-33758
Well: State Reservation Ridge 42-2
SENE Sec. 2, T11S, R11E.
Duchesne County, Utah

Dear Mr. Dustin Doucet

Williams Production RMT Company has leased from the State of Utah the entire Section 2, T11S, R11E, Duchesne county lease number ML 48651.

The listed well above was drilled by standard drilling practices and the well bore path deviated due to very hard rock encountered during drilling operations. The wellbore took a natural drift as indicated by the attached survey. The well bore path drifted to the southwest direction from the surface reference point within the section. Also attached is the deviation report for the well bore.

The bottom hole location is at 2747' FNL & 1105' FEL of Section 2, T11S, R11E. Please find attached survey plats for the surface and bottom hole locations.

Enclosed is a memorandum from the Williams Land Department depicting Williams leashold in Section 2-11S-11E. Williams Production RMT Company has 100% ownership of the entire section (lease ML 48651) which includes a 460 ft radius around the bottom hole location. This is detailed in the survey plats.

Please find enclosed all pertinent data and documents for the well listed above.
If you have any questions please call or e-mail (darren.kirkwood@williams.com, 303-606-4374).

Sincerely,

Darren Kirkwood
Engineer
Exploration & Production

Memorandum

To: Darren Kirkwood – Exploration -9

From: Fritts Rosenberger – Land Department -11

Date: 9/18/2008

Re: State Reservation Ridge 42-2 Well

Williams Well No. 62207308

SENE, Section 2, T11S, R11E, Duchesne County, Utah

Darren:

Regarding the referenced well, Williams received a Drilling Title Opinion dated August 21, 2007 from Gregory D. Penkowsky, Attorney at Law. The title opinion confirms that:

1. State of Utah Oil & Gas Lease ML-48651 covers All of Section 2, T11S, R11E, Duchesne County, Utah.

2. Williams Production RMT Company is owner of 100% of the leasehold interest under State of Utah Oil & Gas Lease No. ML-48651.

If there are any questions, please feel free to call me at 303-606-4045. Fritts

P. Fritts Rosenberger, CPL
Senior Staff Landman
Williams Production RMT Company
Exploration & Production

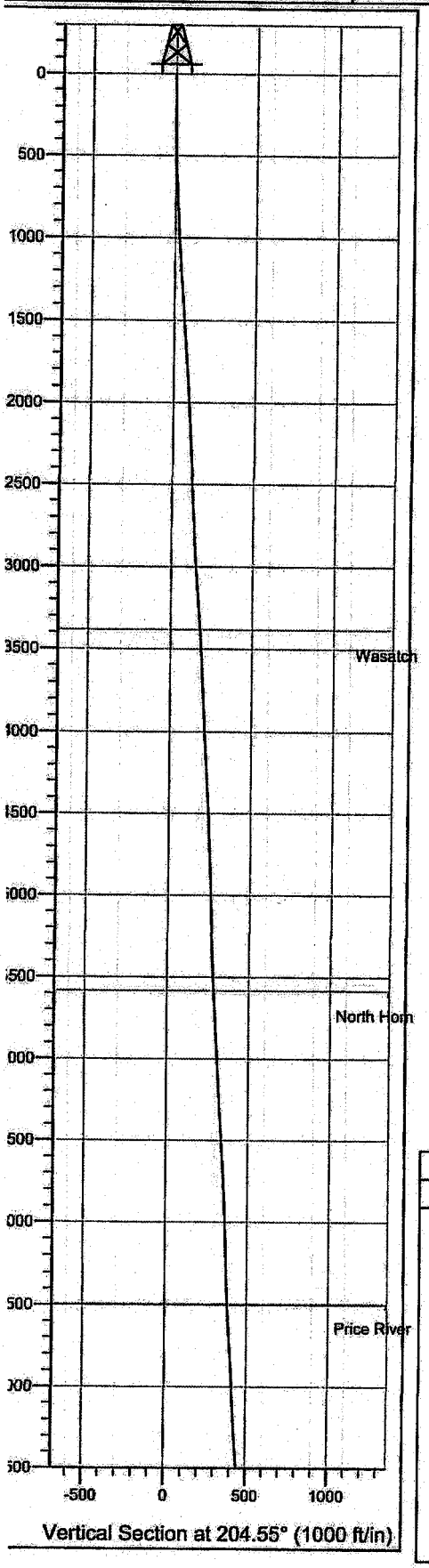
1515 Arapahoe Street, Tower 3, Suite 1000
Denver, Colorado 80202
303/572-3900 main
303/606-4045 direct
303/629-8281 fax
fritts.rosenberger@williams.com

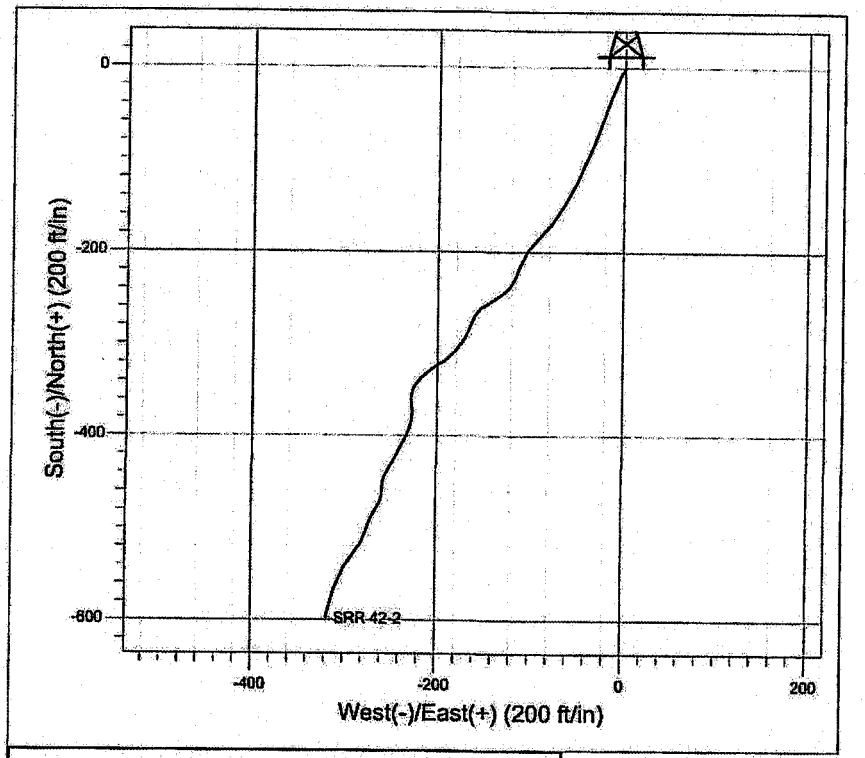
Williams

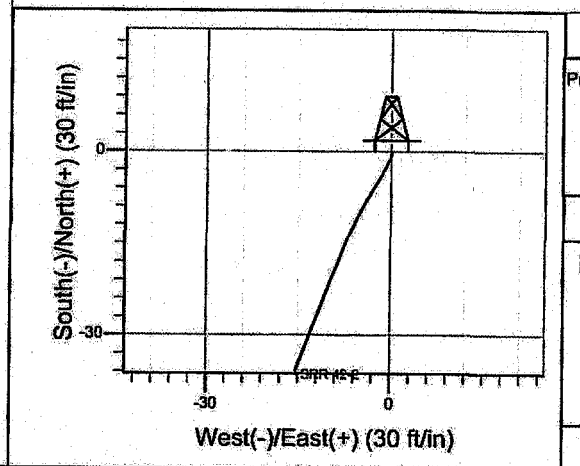
Well Name: SRR 42-2
Surface Location: State Reservation Ridge 42-2 Pad
North American Datum 1983 , US State Plane 1983 Utah Central Zone
Ground Elevation: 8064.0

+N/-S	E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	52082527.66	984816.59	39° 53' 37.100 N	110° 39' 6.368 E	

Original Well ElevWELL @ 8087.0ft (Original Well Elev)







Project: Sec 2 T11S R11E
Site: State Reservation Ridge 42-2 Pad
Well: SRR 42-2
Plan: Wellbore #1

Azimuths to True North
Magnetic North: -4.74°

Magnetic Field
Strength: 54987.2snT
Dip Angle: 58.95°
Date: 1/25/2008
Model: IGRF200510

SECTION DETAILS
No plan data is available
No annotation data is available.

State Reservation Ridge 42-2
Deviation report as 09.18.08.

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	N/S (ft)	E/W (ft)	V.Sec. (ft)	DLeg (°/100ft)
0	0	0	0	0	0	0	0
100	0.43	180.6	100	-0.4	0	0.3	0.43
120	0.23	239.1	120	-0.5	0	0.4	1.85
140	0.09	209.4	140	-0.5	-0.1	0.5	0.79
160	0.53	175.6	160	-0.6	-0.1	0.6	2.28
180	0.31	185.1	180	-0.8	-0.1	0.7	1.14
200	0.39	190.7	200	-0.9	-0.1	0.8	0.43
220	0.48	187	220	-1	-0.1	1	0.48
240	0.91	220.3	240	-1.2	-0.2	1.2	2.87
260	0.91	194.7	260	-1.5	-0.4	1.5	2.01
280	0.61	203.1	280	-1.8	-0.5	1.8	1.61
300	0.7	204.8	300	-2	-0.5	2	0.47
320	0.71	205.3	320	-2.2	-0.7	2.3	0.08
340	0.73	202.7	340	-2.4	-0.8	2.5	0.19
360	0.71	213.3	360	-2.6	-0.9	2.8	0.67
380	1.34	218.8	380	-2.9	-1.1	3.1	3.14
400	1.53	202.1	400	-3.4	-1.3	3.6	2.28
420	1.18	194.6	420	-3.8	-1.5	4.1	1.94
440	1.1	224	440	-4.1	-1.7	4.5	2.92
460	1.4	211.1	460	-4.5	-1.9	4.9	2.07
480	1.43	211	480	-4.9	-2.2	5.4	0.11
500	1.45	210.6	499.9	-5.3	-2.4	5.9	0.14
520	1.5	210.9	519.9	-5.8	-2.7	6.4	0.23
540	1.55	210.3	539.9	-6.2	-3	6.9	0.27
560	1.61	210	559.9	-6.7	-3.3	7.5	0.34
580	1.72	209.9	579.9	-7.2	-3.5	8	0.54
600	1.84	209.4	599.9	-7.8	-3.9	8.7	0.6
620	1.98	208.9	619.9	-8.3	-4.2	9.3	0.67
640	2.08	208.4	639.9	-9	-4.5	10	0.51
660	2.21	208.1	659.9	-9.6	-4.9	10.8	0.69
680	2.32	208.2	679.9	-10.3	-5.2	11.6	0.56
700	2.47	208.1	699.8	-11.1	-5.6	12.4	0.71
720	2.66	206.5	719.8	-11.9	-6	13.3	1.03
740	2.75	203.6	739.8	-12.7	-6.4	14.2	0.83
760	2.84	202.2	759.8	-13.6	-6.8	15.2	0.57
780	2.91	201.5	779.7	-14.5	-7.2	16.2	0.36
800	2.99	201.4	799.7	-15.5	-7.6	17.2	0.43
820	3.05	201.7	819.7	-16.5	-8	18.3	0.29
840	3.14	201.7	839.7	-17.5	-8.4	19.4	0.47
860	3.22	201.1	859.6	-18.5	-8.8	20.5	0.39
880	3.28	201.1	879.6	-19.6	-9.2	21.6	0.33
900	3.35	201.4	899.6	-20.7	-9.6	22.8	0.35
920	3.41	201	919.5	-21.8	-10	23.9	0.33
940	3.5	201	939.5	-22.9	-10.4	25.1	0.44
960	3.35	201	959.5	-24	-10.9	26.3	0.73
980	3.41	200.9	979.4	-25.1	-11.3	27.5	0.3
1000	3.47	201.2	999.4	-26.2	-11.7	28.7	0.31

1020	3.49	201.[illegible]	1019.4	-27.3	-12.2	29.9	0.11
1040	3.52	201.1	1039.3	-28.5	-12.6	31.2	0.12
1060	3.48	201.4	1059.3	-29.6	-13.1	32.4	0.21
1080	3.56	201.3	1079.2	-30.8	-13.5	33.6	0.41
1100	3.64	201.3	1099.2	-31.9	-14	34.9	0.39
1120	3.72	200.6	1119.2	-33.1	-14.4	36.1	0.46
1140	3.8	200.1	1139.1	-34.4	-14.9	37.4	0.44
1160	3.84	199.4	1159.1	-35.6	-15.3	38.8	0.31
1180	3.94	199.1	1179	-36.9	-15.8	40.1	0.52
1200	4.21	199.1	1199	-38.2	-16.2	41.5	1.35
1220	4.29	198.9	1218.9	-39.6	-16.7	43	0.37
1240	4.48	198.6	1238.9	-41.1	-17.2	44.5	1
1260	4.39	199.7	1258.8	-42.6	-17.7	46.1	0.65
1280	4.45	199.3	1278.7	-44	-18.2	47.6	0.35
1300	4.51	199.6	1298.7	-45.5	-18.8	49.2	0.35
1320	4.54	200	1318.6	-47	-19.3	50.7	0.2
1340	4.44	199.4	1338.6	-48.4	-19.8	52.3	0.53
1360	4.5	199.9	1358.5	-49.9	-20.3	53.8	0.34
1380	4.45	199.8	1378.4	-51.4	-20.9	55.4	0.24
1400	4.38	199.8	1398.4	-52.8	-21.4	56.9	0.39
1420	4.32	199.2	1418.3	-54.3	-21.9	58.5	0.36
1440	4.28	200.4	1438.3	-55.7	-22.4	59.9	0.47
1460	4.21	200.4	1458.2	-57.1	-22.9	61.4	0.39
1480	4.14	200.1	1478.2	-58.4	-23.4	62.9	0.35
1500	4.08	198.9	1498.1	-59.8	-23.9	64.3	0.52
1520	3.89	198.9	1518.1	-61.1	-24.4	65.7	1
1540	4.01	200.1	1538	-62.4	-24.8	67.1	0.72
1560	3.96	199.9	1558	-63.7	-25.3	68.4	0.23
1580	3.96	199.8	1577.9	-65	-25.8	69.8	0.04
1600	3.98	200.2	1597.9	-66.3	-26.2	71.2	0.14
1620	4.03	200.3	1617.8	-67.6	-26.7	72.6	0.29
1640	4.07	200.9	1637.8	-68.9	-27.2	74	0.28
1660	4.03	200.4	1657.7	-70.2	-27.7	75.4	0.27
1680	4.02	201.2	1677.7	-71.6	-28.2	76.8	0.3
1700	3.86	201.3	1697.6	-72.8	-28.7	78.2	0.8
1720	3.89	200.8	1717.6	-74.1	-29.2	79.5	0.19
1740	3.84	201.1	1737.5	-75.4	-29.7	80.9	0.24
1760	3.82	201.3	1757.5	-76.6	-30.2	82.2	0.14
1780	3.76	201.4	1777.4	-77.8	-30.6	83.5	0.31
1800	3.71	201.9	1797.4	-79.1	-31.1	84.8	0.29
1820	3.67	201.7	1817.4	-80.2	-31.6	86.1	0.22
1840	3.6	201.4	1837.3	-81.4	-32.1	87.4	0.36
1860	3.51	203	1857.3	-82.6	-32.5	88.6	0.67
1880	3.4	202.7	1877.2	-83.7	-33	89.8	0.55
1900	3.36	201.8	1897.2	-84.8	-33.4	91	0.32
1920	3.3	203.1	1917.2	-85.9	-33.9	92.2	0.48
1940	3.28	203.5	1937.1	-86.9	-34.3	93.3	0.17
1960	3.23	203.3	1957.1	-88	-34.8	94.5	0.24
1980	3.15	203.5	1977.1	-89	-35.2	95.6	0.41
2000	3.05	204.1	1997	-90	-35.7	96.7	0.5
2020	3.07	204.2	2017	-90.9	-36.1	97.7	0.07
2040	3.03	202.7	2037	-91.9	-36.5	98.8	0.44

2060	3.02	204.2	2057	-92.9	-37	99.8	0.42
2080	3	204.7	2076.9	-93.8	-37.4	100.9	0.17
2100	3	202.9	2096.9	-94.8	-37.8	101.9	0.47
2120	2.9	202.2	2116.9	-95.7	-38.2	103	0.51
2140	2.92	203.6	2136.8	-96.7	-38.6	104	0.37
2160	2.81	202.9	2156.8	-97.6	-39	105	0.59
2180	2.9	203.5	2176.8	-98.5	-39.4	106	0.45
2200	2.87	204	2196.8	-99.4	-39.8	107	0.2
2220	2.96	204.2	2216.7	-100.4	-40.2	108	0.44
2240	2.9	202.8	2236.7	-101.3	-40.6	109	0.46
2260	2.86	203.6	2256.7	-102.2	-41	110	0.26
2280	2.89	203.6	2276.7	-103.1	-41.4	111	0.15
2300	2.88	202.2	2296.6	-104.1	-41.8	112	0.37
2320	2.86	202.7	2316.6	-105	-42.2	113	0.18
2340	3.03	203.4	2336.6	-105.9	-42.6	114.1	0.87
2360	3.03	203.5	2356.6	-106.9	-43	115.1	0.03
2380	3.01	204.2	2376.5	-107.9	-43.4	116.2	0.21
2400	2.98	203.6	2396.5	-108.8	-43.9	117.2	0.21
2420	2.96	204	2416.5	-109.8	-44.3	118.2	0.16
2440	3.01	203.8	2436.5	-110.7	-44.7	119.3	0.27
2460	3.07	203.7	2456.4	-111.7	-45.1	120.3	0.29
2480	3.14	203.8	2476.4	-112.7	-45.6	121.4	0.35
2500	3.16	203.7	2496.4	-113.7	-46	122.5	0.11
2520	3.17	203.9	2516.3	-114.7	-46.4	123.6	0.06
2540	3.18	203.9	2536.3	-115.7	-46.9	124.7	0.08
2560	3.2	204	2556.3	-116.7	-47.3	125.9	0.11
2580	3.2	204	2576.2	-117.8	-47.8	127	0.03
2600	3.19	204.2	2596.2	-118.8	-48.3	128.1	0.08
2620	3.21	204.6	2616.2	-119.8	-48.7	129.2	0.17
2640	3.29	203.9	2636.2	-120.8	-49.2	130.3	0.46
2660	3.24	203.6	2656.1	-121.9	-49.6	131.5	0.26
2680	3.3	203.7	2676.1	-122.9	-50.1	132.6	0.28
2700	3.37	203	2696.1	-124	-50.6	133.8	0.41
2720	3.29	204.8	2716	-125	-51	134.9	0.68
2740	3.28	205.5	2736	-126.1	-51.5	136.1	0.19
2760	3.4	205.4	2756	-127.1	-52	137.3	0.6
2780	3.4	205.8	2775.9	-128.2	-52.5	138.4	0.12
2800	3.43	206.2	2795.9	-129.3	-53.1	139.6	0.19
2820	3.48	206.2	2815.8	-130.4	-53.6	140.8	0.23
2840	3.49	205.7	2835.8	-131.5	-54.1	142.1	0.16
2860	3.52	207.6	2855.8	-132.5	-54.7	143.3	0.6
2880	3.57	206.6	2875.7	-133.6	-55.2	144.5	0.4
2900	3.69	204.3	2895.7	-134.8	-55.8	145.8	0.96
2920	3.58	207.8	2915.7	-135.9	-56.3	147	1.27
2940	3.68	208.8	2935.6	-137	-56.9	148.3	0.59
2960	3.75	209.8	2955.6	-138.2	-57.6	149.6	0.48
2980	3.8	209.9	2975.5	-139.3	-58.2	150.9	0.28
3000	3.78	211.1	2995.5	-140.5	-58.9	152.2	0.41
3020	4.05	210.3	3015.4	-141.6	-59.6	153.6	1.34
3040	4.12	211	3035.4	-142.9	-60.3	155	0.46
3060	4.17	211	3055.3	-144.1	-61.1	156.4	0.24
3080	4.12	211	3075.3	-145.3	-61.8	157.9	0.26

3100	4.26	[illegible]	3095.2	-146.6	-62.6	159.3	0.66
3120	4.33	211.2	3115.2	-147.9	-63.3	160.8	0.39
3140	4.42	211.5	3135.1	-149.2	-64.1	162.3	0.47
3160	4.48	211.8	3155.1	-150.5	-64.9	163.9	0.34
3180	4.48	211.9	3175	-151.8	-65.8	165.4	0.04
3200	4.4	212	3194.9	-153.1	-66.6	166.9	0.39
3220	4.39	212.3	3214.9	-154.4	-67.4	168.5	0.13
3240	4.39	212.5	3234.8	-155.7	-68.2	170	0.08
3260	4.39	212.7	3254.8	-157	-69	171.5	0.1
3280	4.4	213.2	3274.7	-158.3	-69.9	173	0.16
3300	4.29	213.1	3294.6	-159.6	-70.7	174.5	0.55
3320	4.11	213.6	3314.6	-160.8	-71.5	176	0.88
3340	4.04	213.3	3334.5	-162	-72.3	177.4	0.38
3360	3.9	213.4	3354.5	-163.1	-73.1	178.7	0.7
3380	3.78	213.5	3374.4	-164.2	-73.8	180.1	0.57
3400	3.68	214.1	3394.4	-165.3	-74.5	181.3	0.55
3420	3.58	214.1	3414.4	-166.4	-75.2	182.6	0.5
3440	3.51	214.8	3434.3	-167.4	-75.9	183.8	0.41
3460	3.35	216.3	3454.3	-168.4	-76.6	185	0.89
3480	3.38	219	3474.2	-169.3	-77.3	186.1	0.81
3915	3.3	225.9	3908.5	-188	-94.4	210.2	0.09
4424	3.6	200.2	4416.6	-213.2	-110.4	239.8	0.31
4930	1.4	208.9	4922.1	-233.5	-118.9	261.8	0.44
5404	3	229.7	5395.8	-246.6	-131.2	278.8	0.37
5712	3.5	242.3	5703.3	-256.2	-145.7	293.5	0.28
6214	3.5	197.7	6204.4	-277.9	-163.9	320.9	0.53
6715	3.9	221.1	6704.4	-305.3	-179.7	352.4	0.31
7214	1.6	245.5	7202.8	-321	-197.2	373.9	0.51
7722	4.1	228.5	7710.1	-336	-217.3	395.9	0.51
8228	4.1	170	8215.1	-365.8	-227.7	427.3	0.79
8703	5.1	207.1	8688.6	-401.3	-234.4	462.4	0.65
9178.9	6.1	206.1	9162.2	-442.8	-255.1	508.8	0.21
9336	4.1	174.4	9318.7	-455.9	-258.3	522	2.15
9626	3.8	212.1	9608.1	-474.4	-262.4	540.5	0.88
10127	3.5	197	10108	-503.1	-275.6	572.1	0.2
10592	2.7	222	10572	-524.8	-287.1	596.7	0.33
11928	4.3	192	11906	-597.2	-318.6	675.6	0.18

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: State - ML-48651

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER

8. WELL NAME and NUMBER: State Reservation Ridge 42-2

2. NAME OF OPERATOR: Williams Production RMT Company

9. API NUMBER: 43-013-33758

3. ADDRESS OF OPERATOR: 1515 Arapahoe Street CITY Denver STATE CO ZIP 80202

PHONE NUMBER: (303) 606-4374

10. FIELD AND POOL, OR WILDCAT: Wildcat

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 2150' FNL & 786' FEL

COUNTY: Duchesne

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 2 11S 11E

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: 10/13/2008	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☑ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER:
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Purpose: Temporarily Abandon SRR 42-2 wellbore (SEE ATTACHED TA PROCEDURE & PERTINENT DATA)

The work is anticipated to start the week Oct. 13 thru 18. The wellbore will be left in a Temporary abandon status being held for future development in the area.

COPY SENT TO OPERATOR
Date: 11.13.2008
Initials: KS

NAME (PLEASE PRINT) Darren Kirkwood TITLE Engineer

SIGNATURE [signature] DATE 10/14/08

(This space for State use only)

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 11/12/08
BY: [signature]

(See Instructions on Reverse Side)

RECEIVED
NOV 10 2008
DIV. OF OIL, GAS & MINING

(5/2000)

Williams

Exploration and Production
Temporarily Abandon Procedure V3

Wellname:	**State Reservation Ridge 42-2**	Prepared By: Darren Kirkwood	Date: 10/14/2008
Location:	**S2 T11S R11E**	office phone: (303) 606-4374	
Field:	**Wildcat**	cell phone: (720) 236-2395	

Surface Casing 1 - 9-5/8" 36 lb/ft, J-55 LTC (405') (Burst: 3520-psi, Collapse: 2020-psi)
Surface Casing 2 - 9-5/8" 40 lb/ft, J-55 LTC (3106.7') (Burst: 3950-psi, Collapse: 2970-psi)
Surface Casing Depth - 3507-ft
Parasite String - 1.9" 2.76# J-55 10rd Parasite Tubing (3346')

Production Casing 1 - 4-1/2" 13.5 lb/ft, P-110 LT&C (Burst:12,410 psi; Collapse: 10,680 psi)
Production Casing Depth - 12,005-ft
Tubing - 2 3/8" 4.7lb/ft, N-80, Upset (Burst: 11,200 psi: Collapse: 11,780 psi)

Model 3L Plug (left in hole) 11,667-ft
Plug Back Depth - 11,958-ft
Maximum Recorded Temp - 216 F
Total Depth - 12,018-ft (Driller's depth)

Correlate Log to - Schlumberger CH Log run on 12/22/2007
Cement Top (usable) - 5,650-ft

Marker Joint - 8,739'-8,772'
Formation Tops:

North Horn	5,583'
Price River	7,491'
Blue Castle	9,032'
Castlegate	9,609'
Blackhawk	9,969'
Starpoint	10,917'
Mancos	11,478'

Purpose: **Temporarily Abandon SRR 42-2 wellbore**

Proposed Procedure:

1. Kill wellbore with 2% KCl water
2. TOOH with 2 3/8" N-80 Tubing
3. Rig up Perfolog, RIH with HES 10k CIBP (drillable), set at ~11,390' (Collars: 11,358' & 11,402')
   (Isolate squeezed perfs from open Mancos #1 / Starpoint #1 perfs (see below))
4. TIH with 2 3/8" N-80 Tubing - Circulate hole with 2% KCL water containing NALCO 1385 (5 gals / 50 bbls) & NALCO 6106 (2.5 gals / 50 bbls)
   Circulate volume to cover casing from 11,390' to 10,890' + Excess
5. TOOH with 2 3/8" N-80 Tubing
6. RIH with 3.0" Dump Bailer - Dump bail 10 sacks / 1.5 bbls (140' in wellbore) Class G Cement + retarder on top of HES CIBP
   (verify projected cement vertical height in wellbore before dump bail)
7. Allow cement to set up for 24 hours
8. Wireline Tag Cement - Ensure cement height in casing > 100'
9. Rig Up Perfolog, RIH with HES 10k CIBP (drillable) and set at ~10,890' (collars: 10,885', 10,920')
   (Isolate Starpoint/Mancos from All Formations Above - Starpoint Top at 10,917')
10. Pressure test plug/squeezed perfs above Starpoint Formation to 2,500 psi (utilize rig pump) for 30 minutes (attempt to determine location of open perforation(s)
11. RIH with 3.0" Dump Bailer - Dump bail 10 sacks / 1.5 bbls (140' in wellbore) Class G Cement + retarder on top of HES CIBP
    (verify projected cement vertical height in wellbore before dump bail)
12. Allow cement to set up for 24 hours
13. Wireline Tag Cement - Ensure cement height in casing > 100'
14. TIH with 2 3/8" N-80 Tubing - Circulate hole with 2% KCL water containing NALCO 1385 (5 gals / 50 bbls) & NALCO 6106 (2.5 gals / 50 bbls)
    If previous pressure test fails, circulate volume to cover casing from 11,750' to 9,000' + Excess
    If previous pressure test is successful, circulate a full wellbore volume
15. TOOH with 2 3/8" N-80 Tubing
16. Rig Up Perfolog, RIH with HES 10k CIBP (drillable) and set at ~9,000' (collars: 8,987' & 9,030')
    (Isolate squeezed perfs from surface (see below)
17. RIH with 3.0" Dump Bailer - Dump bail 10 sacks / 1.5 bbls (140' in wellbore) Class G Cement + retarder on top of HES CIBP
    (verify projected cement vertical height in wellbore before dump bail)
18. Pressure up on cement, allow cement to set up for 24 hours
19. IF NECESSARY - TIH with 2 3/8" N-80 Tubing - Circulate hole with 2% KCL water containing NALCO 1385 (5 gals / 50 bbls) & NALCO 6106 (2.5 gals / 50 bbls)
20. Pressure test plug/cement/squeezed perfs to 2500 psi (utilize rig pump) for 30 minutes (pre-test - bleed any pressure off of surface casing and monitor/record surface casing pressure during test), successful test - move to next step / unsuccessful test - discuss options with Denver
21. TIH with 2 3/8" tubing displacing a minimum of 100' of water in the casing (~1,000' of tubing)
22. Pump in 20 gallons of diesel (~30 ft in wellbore)
23. TOOH and lay down tubing
24. Rig Down BOP's, Rig Up 7-1/16" to 2-1/16" Connection including Cap.
25. Chain and Lock Surface Casing Valves, Casing Valves.
    Surface Casing Valve and Casing Valves must be accessible to monitor pressure during 12 month TA

Zones:	Mancos #1 / Starpoint #1		
		Top	Bottom
	Open Perf Interval:	11,448'	11,609'
Zones:	Starpoint #2 & #3, BH #1 & #2, Castlegate, Bluecaste #1 & #2		
		Top	Bottom
	Squeezed Perf Interva	9,130'	11,302'

43-013-33758

Williams Production RMT Company

Operations Summary Report

Legal Well Name: State Reservation Ridge 42-2
Common Well Name: State Reservation Ridge 42-2
Spud Date: 10/24/2007
Event Name: COMPLETION
Start: 12/24/2007
End:
11S 11E 2
Rig Release:
Group:

Date	From-To	Hours	Code	Sub Code	Description of Operations
12/24/2007	7:00 - 8:30	1.50	LOC	1	Weatherford set 10000# casing head.
	8:30 -14:30	6.00	LOG	1	RU Schlumberger WL Run CBL.
12/26/2007	7:00 -13:00	6.00	MIRU	2	Move rig & equipment to location.
12/27/2007	9:00 -17:00	8.00	MIRU	2	Trucks late. Clean out cellar & soft dirt around well head. Back fill with dry dirt & pack. *Unload frac valves & install.* Spot in rig. RU Breco testers. Spot in pump & tank. Start setting frac tanks.
12/28/2007	8:00 - 5:00	21.00	LOC	4	Test casing & frac stack to 10000 psi. Finish rigging up rig. Finish rigging up Breco. Move in frac tanks.
1/2/2008	-		LOC	4	Moving in frac tanks.
1/3/2008	-				Parachute for computer Downloads.
1/4/2008	-				Pick up parts & sign tickets. Visit with vendors.
1/7/2008	-		WOT	8	Waiting on perfs & DFIT approval. 18 inches snow on location. Roads being cleared from last storm.
1/8/2008	-		WOT	8	Waiting on perfs & DFIT approval
1/9/2008	-		WO		Approval for DFIT. Set up equipment to start work.
1/10/2008	9:00 -17:00	8.00	RDMO	1	ND top frac valve. NU BOP & stripping head. RU floor. Ready to pick up tbg in AM. Crew having trouble w/ new rig & finding equipment. Cleaned 2 ft of snow off rig & tool truck. Cat moving snow off location for 6 hrs.
1/11/2008	7:00 -12:00	5.00	WSI	2	Having problems w / tong heads. Well head not level & frac valve would not open full. Worked through all problens.
	12:00 -18:00	6.00	RIH	1	Strap & picked up 6125 ft of 2-3/8 tbg. Change out tbg floats releasing 1 float. 5 hrs standby for truck. Key adjusted tine for tong problems.
	18:00 - 0:00	6.00	WSI	3	Shut in for night. Will PU tbg in AM & pull tbg.
1/12/2008	7:00 - 8:00	1.00	LOC	5	Start equipment. Clean snow from tbg float.
	8:00 -13:00	5.00	RIH	1	Strap & PU 121 jts 2-3/8 tbg. to 10080,. Having trouble w slips iceing from snow & ice on tbg. Displacement water freezing as soon as it hits cold iron. Used air heater on stack & slips solving most of our cold weather problems.
	13:00 -17:00	4.00	POOH	1	TOOH w/ 309 jts 2-3/8 tbg.
	17:00 -18:00	1.00	WSI	3	Work all valves to make scure water was worked out of valves. Shut in for weekend. Clean up protectors & location.
1/13/2008	0:00 -23:59		WSI	1	Well shut in until Monday 1-14-08 Ready to shoot DFIT perfs.
1/14/2008	7:00 -10:00	3.00	PERF	1	RU Perf0 log. Shoot DFIT holes 11604-5 3 holes. & 11451-2 3 holes (corrected to HO logs.) RD Wire line. Release WL.
	10:00 -11:00	1.00	RIH	1	PU Halliburton tools & Gauges.
	11:00 -15:00	4.00	RIH	1	RIH w / BHA. Run 231 jts. Running slow. PKR floating. RIG engine shut down. Would not restart. EOT @ 7563'. Shut well in.
	15:00 -		WS		Key rig mechanic heading to location.
1/15/2008	7:00 - 9:30	2.50	PROD	3	Unlock BOP,s Turn heater on well head to thaw valves. SITP 800 psi. SICP 650 psi. Blow down tbg & casing. Casing died off quick. TBG unloaded 2 to 3 bbls. Venting light gas. Would build pressure when shut in.
	9:30 -13:30	4.00	RIH	1	TIH w / tbg. Running slow. PKR trying to float. TBG starting to flow. *Pumped 20 bbls down tbg. Finished tripping in w / tbg.* PU 49 jts from float. Check tally & settings.

Operations Summary Report

Legal Well Name: State Reservation Ridge 42-2
Common Well Name: State Reservation Ridge 42-2 Spud Date: 10/24/2007
Event Name: COMPLETION Start: 12/24/2007 End:
Rig Release: Group:

Date	From-To	Hours	Code	Sub Code	Description of Operations
	13:30 -16:00	2.50	TOOL	1	Set plug @ 11670. Could not pull into plug without releasing plug. Tryed setting plug severial times. Set plug & pulled off plug. PU 10 ft to test PKR@ 11632. PKR would not test. Moved & reset pkr severial times NO test. Release PKR. latch on plug. Reset plug. Plug set & pulled tension on plug. Plug working good. Left plug @ 11670'
	16:00 -17:30	1.50	POOH	1	Start out w/ PKR. Pulled 37 stands. Shut well in. Tarp around BOP stack. Left heater on to keep stack from freezing. Drain pump & lines.
	17:30 - 0:00	6.50	WSI	3	Well shut in.
1/16/2008	7:00 - 8:00	1.00	PROD	4	SITP 300 psi. SICP 480 psi. Both sides bled down quick Unlock BOP,s
	8:00 -11:30	3.50	POOH	1	TOOH w/ RTTS PKR. Both rubbers gone.
	11:30 -12:30	1.00			Replace PKR. Reset gauges.
	12:30 -17:00	4.50	RIH	1	TIH w / new RTTS PKR & BHA. Running slow even though packer is running good. Had trouble w/ hydromatic not working. today. (Could not find problem.) Breaks heating up. Have stopped severial times to let breaks cool down. TBG started flowing w/ 37 stands left to run. Water froze as soon as it hit metal. Clear all valves of water.
	17:00 -17:30	0.50	WSI	3	Shut well in. Left heater running on BOP stack.
1/17/2008	7:00 - 9:00	2.00	PROD	3	SITP 740 psi. SICP 500 psi. Both sides bled down quick.TIH w/ tbg. Set pkr@11635 to test tools. Halliburton pump truck engine shut down would not start. Called for mechanic.
	9:00 -13:00	4.00	PUMP	4	Start to test w rig pump. Check for frozen line. Could not get pressure. Fluid end starting to freeze. Pull fluid end appart. Fluid would move through pump.Ice would not let valves seat. Thaw fluid end. Pressured up to 1600 psi. very slow leak. Have never used this pump to test with. Release pkr. Started circulating hole w/ rig pump.
	13:00 -14:30	1.50	PUMP	2	Halliburton has engine running. RU halliburton to finish circulate hole. Had heavy foam returns & black colored water. Retest packer. @ 11550/ Put 500 psi on casing. Had 200 psi pressure drop in 5 min. Reset tool & retest.w / 500 psi on casing. Casing dropped to250 psi TBG increased to 240 psi.
	15:30 -20:00	4.50	PUMP	2	Move pkr to11387' (above all perfs.) Test backside to 1000 psi. 200 psi drop in 5 min. TBG increasing as casing pressure dropped. Bled pressure from tbg & casing. Run slick line plug to test tbg. Pressure up tbg to 1000 psi. Pressure dropped 100 psi in15 min Stopped dropping @ 925 psi. Pressure drop from fluid cooling off. Casing pressure stayed @ 5 psi. Pull tbg plug. RD slick line. Drain up halliburton pump & lines.
	20:00 -20:30	0.50	WSI	3	CaC12 pumped down tbg to keep from freezing. shut well in. Left heater running on well head.
1/18/2008	7:00 - 8:00	1.00	PROD	3	SITP& SICP 750 psi. . Blow tbg & casing down..
	8:00 -11:30	3.50	POOH	1	TOOH w PKR & BHA.
	11:30 -12:30	1.00	RIH	1	Change out pkr & reset gauges.. Inspect old pkr. Rubbers in good shope. Swelled some. Not enough to leak.
	12:30 -15:00	2.50	RIH	1	TIH w new BHA to 5235' Install Stripper rubber. RU to test pkr.
	15:00 -16:00	1.00	PUM		Test pkr to 1000 psi. Good test. Held 12 min. Holding steady.
	16:00 -18:00	2.00	RIH	1	Release PKR. TBG flowing. Pumped 20 bbls down tbg. RIH to 8160' Shut well in for night.
1/19/2008	7:00 - 8:30	1.50	RIH	1	SICP 650 psi. SITP 720 psi. Bled down quick. TIH w/ 48 stands slow. Set Halliburton RTTS PKR Above perf @ 11453'.
	8:30 -10:00	1.50	LOC	5	Still starting engines. Water truck thawing lines from comperssor to tank.

Operations Summary Report

Legal Well Name: State Reservation Ridge 42-2
Common Well Name: State Reservation Ridge 42-2 Spud Date: 10/24/2007
Event Name: COMPLETION Start: 12/24/2007 End:
Rig Release: Group:

Date	From-To	Hours	Code	Sub Code	Description of Operations
	10:00 -14:00	4.00	PUMP	2	Test back side to 636 psi pressure dropped to 550. Holding @ 550 psi. Circulate hole w/ 72 deg 2% KCL. Fluid gas cut entire casing volume. Still recovering some black foam looking fluid. Pumped 153 bbls . Reset PKR @ 11550. RU Slick line Test lubricator to 8700 psi. RIH w/ plug 25 above profile nipple. Pressure up on backside to 550 psi.
	14:00 -15:00	1.00	PUMP	3	Start DFIT. Formation broke @ 6534 psi. Average pressure 5480. Average rate 4.2 BPM. Pumped 34 BBLS. Slow to 1 BPM. 2222 psi. Set Slick line plug. Shut down w/ 4973 psi on tbg. 1 hr shut in tbg built to 5758 psi.
	15:00 -16:30	1.50	WSI	2	Tarp in around well head & Surface Gauges. Left heater on BOP Stack.
	16:30 - 0:00	7.50	WSI	2	48 hr shut in.
1/20/2008	0:00 - 0:00	0.00	WSI	2	Check heater. Heater on Bop stack & gauges Well shut in 48 hr to record pressures.
1/21/2008	0:01 - 0:00		WSI	2	Shut for 48 hr DFIT test. Mancos #1
1/22/2008	8:00 - 8:30	0.50	LOC	5	SITP 6321 psi. SICP 440 psi. Bled tbg down slow.
	8:30 - 9:30	1.00	PERF	4	Work slickline plug free. Pull plug. Rig down lubricator.
	9:30 -12:30	3.00	TOOL	4	TBG built from 400 psi to 750 psi. RU hard line. Equalize to open BOP rams. Open PKR bypass. Blow down tbg. & casing. Well still flowing 1-1/2 stream to tank.
	12:30 -17:00	4.50	TOOL	4	Released PKR. Run 3 jts. RU to circulate. Could not pump down tbg. PU 0n PKR. Already latched on plug. Shut in casing. 660 psi. Trying to keep pressure down while releasing plug. Trying to release plug. Plug would not pull free. Released PKR before setting down. May not have got enough turns to put pkr in the release position. The only movement is the bypass on pkr. Casing building over 1100 psi. Flow to tank on 24/64 choke. Worked on releasing tools rest of day. Pumped down tbg. Bypass open Casing stable flowing 200 psi on 24/64 choke. Gas cut fluid. Left tools in neutral .
	17:00 -18:00	1.00	WSI	3	Shut well in. Drain equipment. Left rig & pump running.
1/23/2008	7:00 -10:00	3.00	PROD	3	SITP 150 psi. SICP 3150. Blow down casing & tbg. Pumped 25 bbls down casing. Set down to check bypass on pkr. PKR & plug both went down hole 17 ft. Picked up. PKR free could feel movement in retrieing head. Plug set.
	10:00 -11:00	1.00	FISH	4	Shut down after pumping 50 bbls. Pick up on tools. Plug still set. Movement in retrieving head. Set down & rotate left to release from plug. Pulled up hole 1 JT. TBG starting to flow.
	11:00 -17:00	6.00	FISH	4	Pumped 30 bbls down tbg. Started to trip out. Plug set again. Movement in retrieving head. Try to release from plug. Could not release from plug. Circulate hole. Try to release from plug. Could not release plug. Tighten tbg. Work on releasing plug or getting off plug. Still have movement in retrieving head. Plug has not moved. Set tools in neutral. Drain equipment.
	17:00 -17:30	0.50	WSI	3	Shut well in for night.
1/24/2008	7:00 - 8:30	1.50	WELL	3	SICP 80 PSI. SITP 0 psi. Blow casing down. Work tools to release from plug.
	8:30 -11:30	3.00	FISH	4	RU Wire line. RU to back off tbg. RIH w/ backoff charge. Correlate to 1-1/2 XN nipple. Torque tbg. Back off tbg @ top of pkr.
	11:30 -12:30	1.00	FIS		Pull out w / sinker bars. RD & release wire line LD 10 jts.
	12:30 -17:30	5.00	POOH	1	TOOH w tbg. Unscrewed collar from PKR top 10 rd collar.
	17:30 -18:00	0.50	WSI	3	Drain equipment. shut well in.

Legal Well Name: State Reservation Ridge 42-2
Common Well Name: State Reservation Ridge 42-2 Spud Date: 10/24/2007
Event Name: COMPLETION Start: 12/24/2007 End:
Rig Release: Group:

Date	From-To	Hours	Code	Sub Code	Description of Operations
1/25/2008	7:00 - 8:30	1.50	PROD	3	Blow casing down. Pumped 30 bbls to fill hole.
	8:30 -14:00	5.50	RIH	1	PU 10 rd collar 1jt 2-3/8 n-80 XN nipple, 1 jt 2-3/8 n-80, X nipple. Run tbg in hole. Hydromativ not working again. Stop to let breaks cool severial times. PU 9 jts.
	14:00 -14:30	0.50	FISH	4	Screw into packer. Pulled 10 over. Work tbg. Movement in RH. RU wire line. Pumped 100 bbls down tbg. Gas cut fluid for returns.
	14:30 -17:30	3.00	FISH	4	RU wire line. Run in & tag @ PKR top w/ cutting tool. PU above X nipple. Work bypass on pkr. Close bypsss. Pumped another 30 bbls. Run in & tag @ top of pkr. Pull Cutters.
	17:30 -18:00	0.50	WSI	3	Shut well in Drain equipment.
1/26/2008	7:00 - 9:00	2.00	PROD	3	SITP 0 psi. SICP 700. Casing bled down quick. 4 ft of tbg froze. Thaw tbg.
	9:00 -15:00	6.00	FISH	5	RIH w 1 7/16 bottom. & 1-1/2 sinker bars. Tag bottom of 4 ft sub under PKR. PKR clean. Work tools through pkr. Run 1 11/16 sinker bars & spangs. Tag bottom of 4 ft sub under pkr. Work sinker bars through pkr. Run 1 11/16 cutter through Cut center of 4 ft sub. Slips on cutter would not release. Working cutter could not pull cutter free. Pump fluid & work cutter. No movement in cutting tool. Worked pull weights up to free tool. Pull out of rope socket. Pull out w wire line. PU on tbg . TBG not cut
	15:00 -16:30	1.50	FISH	4	Try to release from plug one more time. No movement in RH. Can not work tbg down to help break cut Set tbg in neutral.
	16:30 -17:00	0.50	WOT	8	Shut in for night. Tarp well head. Heater running on well head.
1/27/2008	0:00 - 0:00	0.00	WOT	8	Shut down for weekend.
1/28/2008	-				
1/29/2008	7:00 - 9:30	2.50	PROD	3	SICP 2225 psi. SITP 165 psi. Blow casing down 5 min. Circulate hole w/ 153 bbls.
	9:30 -13:30	4.00	FISH	1	RU RMWL. RIH w / 1.68 od fishing tool. Latch on fish. Jar on chemical cutter in hole. Fish still stuck. Pulled off fish. Pooh. Fishing tool broke top of gauge ring. Left APPX 1/2 x 1.68 od.ring in ibg.
	13:30 -15:30	2.00	FISH	5	RIH w/ 1-11/16 chemical cutter. Hole still full. Cut middle of jt above PKR. PooH. w/ cutter. Bottom of cutter gone @ cutting ports. No cut made. Cutting tool failure. Work tbg.
	15:30 -18:30	3.00	FISH	5	Circulate hole w 153 bbls. RIH w/ 2nd cutter. Cut middle of jt above pkr. No problems on 2 nd cut. POOH w / cutting tool. RD wire line. LD 10 jts.
	18:30 -18:30	0.00	WSI	3	Shut well in. Drain equipment. Left heater running on well head.
1/30/2008	7:00 -12:30	5.50	RDMO	1	RD Key rig & equipment. Move rig off location.
	12:30 -18:00	5.50	MIRU	2	Move in MWS Rig 6. Rig up rig up floor. Set pump & tank & rig up.
1/31/2008	7:00 - 8:30	1.50	PROD	3	SITP 600 psi SICP 1000 psi. Blow casing down. Circulate hole w/ 153 bbls.
	8:30 -12:30	4.00	POOH	1	Trip out w/ 342 jts + 12 ft of cut off tbg.
	12:30 -17:30	5.00			Make up overshot, jet sub, BS, jars, 2 collars, Accelator, & top sub.TIH to 7651. Killed tbg once during trip.
	12:30 -12:30	0.00			Had partd delivered to location.
	17:30 -16:30		WSI	3	Shut well in. Drain equipment. Tarp well head. Left heater running.
2/1/2008	7:00 - 9:30	2.50	PROD	3	SICP 950 psi. SITP 850 psi. Blow well down. TIH w. 55 stands. PU 8 jts.
	9:30 -10:30	1.00	PUMP	4	Circulate hole w/ 160 bls.
	10:30 -11:00	0.50	FISH	2	PU 3 jt & tag fish top. Work over fish. Jar fish free.

Legal Well Name: State Reservation Ridge 42-2
Common Well Name: State Reservation Ridge 42-2 Spud Date: 10/24/2007
Event Name: COMPLETION Start: 12/24/2007 End:
Rig Release: Group:

Date	From-To	Hours	Code	Sub Code	Description of Operations
	11:00 -15:30	4.50	FISH	2	Pulling fish slow. Hanging in collars First 10 stands. Over pull slowley dropped off. Pulled free rest of trip.
	15:30 -16:00	0.50	FISH2		Recovered PKR, subs, & retrieving head. Recovered all chemical cutter parts & gauges. No cut in 4 ft sub. Gauges still have data. Plug left in hole. Drag block from RTTS in hole. Question where plug is.
	16:00 -17:00	1.00	WSI	3	Shut well in. Drain equipment.
2/2/2008	7:00 - 9:00	2.00	PROD	3	Blow down lines & pump lines froze. Pressure between lines no way to release pressure.. Blow down well through casing valve. Release pressure from lines.
	9:00 -11:00	2.00	RIH	1	Start in w/ mill & scraper. Repair tongs. Ran 55 stands. TBG flowing.
	11:00 -12:30	1.50	LOC	5	Thaw pump lines. & filter unit. Kill tbg w /20 bbls.
	12:30 -15:30	3.00	RIH	1	Finish tripping in hole slow looking for plug. PU tbg & tag plug @ 11639'.
	15:30 -17:00	1.50	PUMP	4	Circulate hole w/ 160 bbls. All fluid clean. No solids brought back.
	17:00 -18:00	1.00	POOH	1	LD 4 jts. POOH w/ 30 stands. EOT @ 9607'.
	18:00 -18:30	0.50	WSI	3	Shut well in. Drain equipment.
2/3/2008	8:00 - 9:00	1.00	PRO		SICP 650 psi. SITP 550 psi. Blow well down. Hook up pump lines.
	9:00 -10:00	1.00	PUM		Circulate gas out.
	10:00 -12:30	2.50	POOH	1	TOOH w/ scraper.
	12:30 -14:00	1.50	WSI	3	Shut well in. Drain equipment.
2/4/2008	0:01 -				Well shut in.
2/5/2008	7:00 - 8:30	1.50	LOC	5	Start equipment. RU hard line.
	8:30 -11:30	3.00	LOG	1	RU Perf o Log. RIH w/ magnet. Correlate to SJ. Tag L3 plug left in hole. Pick up @ 11666. POOH. Nothing on magnet. RD & release Perf O log.
	11:30 -14:30	3.00	WOT	8	Check PPI tools. Tools not designed per DFIT Procedure. Questions on gauges above top pkr. No by pass in bottom pkr. Placement of standing valve in top pkr. Possable collapse of subs between pkrs. Set up to run ply Pull out & run pkr In AM.
	14:30 -15:00	0.50	WSI	3	Tools woin't arrive until after 05:00. Shut well in.
2/6/2008	7:00 - 8:00	1.00	WELL	3	Start equipment. PU Halliburton L-3 plug. Blow down casing.
	8:00 -13:00	5.00	RIH	1	TIH w / L-3 plug. Set plug @ 11545. Release from plug. Pull up 30 ft. Check for plug.
	13:00 -14:00	1.00	WOT	6	Tong problems.
	14:00 -17:00	3.00	POOH	1	POOH W retrieving head.
	17:00 -19:00	2.00	WSI	3	15 stands left. Transmission heating up. Found temp sensor leaking. Different threads on sensor. Could not stop leak. Shut down. Mechanic to arrive late morning. Shut well in. Drain equipment
2/7/2008	8:00 -11:00	3.00	WOT	6	Maintence on rig.
	11:00 -11:43	0.72			Mechanic working on rig. Nothing found.. Change out tongs.
	14:30 -16:04	1.57	POOH	1	Blow casing down. Pull 15 stands. Moniter transmission pressures.
	16:04 -17:30	1.43	RIH	1	PU 2 ft sub, 6' perf sub. Rtts PKR, 1jt 2-3/8, 1.5 XN nipple. TIH to 0000.
	17:30 -18:04	0.57	WSI	3	Shut well in.
2/8/2008	6:00 - 8:00	2.00			Wait on roads to open.
	8:00 - 9:30	1.50	PROD	3	SITP 200 psi. SICP 380 psi. Blow well down.TIH w remaining tBG. Stop above perfs.
	9:30 -10:30	1.00	WOT	6	Wait on pump truck to arrive.
	10:30 -13:00	2.50	STIM	1	RU halliburton pumping services. TIH w 6 stands RU to circulate
	13:00 -14:30	1.50	PUMP	4	Circulate hole w 160 bbls. Pumping @ 2 bpm. 670 psi.

Operations Summary Report

Legal Well Name: State Reservation Ridge 42-2
Common Well Name: State Reservation Ridge 42-2 Spud Date: 10/24/2007
Event Name: COMPLETION Start: 12/24/2007 End:
Rig Release: Group:

Date	From-To	Hours	Code	Sub Code	Description of Operations
	14:30 -15:30	1.00	PUMP	2	Set pkr & test to 2000 psi 500 psi leak in 5 min. Pump up to 2500 psi. 400 psi drop in 5 min. Bled tbg down. Sit more weight down on pkr. Pressure up on tbg. At 730 psi started pumping past PKR ?. Move PKR above top perf & set. Pressure up casing to 500 psi. Casing pressure dropping. TBG unloading water.
	15:30 -17:00	1.50	WSI	3	Released pkr. Pulled 5 stands to drop fluid in casing. Drain equipment & lines. Shut well in.
2/9/2008	7:00 - 7:30	0.50	PRO		SITP & CP 700 psi. Blow well down.
	7:30 - 8:30	1.00	POOH	1	Pulled 30 stands. Transmission problems.
	8:30 - 9:00	0.50			Shut well in
	9:00 -11:30	2.50	WSI	2	Transmissiom @ 300 deg. Checked fluid levels. Let transmission cool off. check fluid levels. No mechanic until sunday mid day. Pulled PTO off. Found what looks like a hairline crack in torque converter. Will be verifief by mechanic tomorrow. IF Converter is cracked transmission will need to be pulled & repaired.
2/10/2008	-				SITP 50 psi. SICP 200 psi. Left well shut in.
	-				Pulled transmission in rig. Will be repairing leak in hydromatic lines & a drive line problem while transmission is being rebuilt.
2/11/2008	-		WSI	2	Well shut in. Waiting on transmission repair. Checked pressures. SICP 200 psi. SITP 50 psi.
2/12/2008	9:30 -14:30	5.00	WSI	2	Replased transmission in rig.
	14:30 -17:30	3.00	POOH	1	Blow down well. pull RTTS PKR out. Found nothing wrong w/ pkr. All rubbers in place. No cracks or cuts. All parts still on PKR
	17:30 -18:00	0.50	WSI	3	Shut well in
2/13/2008	7:00 - 8:00	1.00	PRO		SICP 300 psi. Blow down casing. RU pump lines.
	8:00 -10:30	2.50	RI		PU Halliburton retreveing head. TIH. 10 stands left tbg starting to flow.
	10:30 -11:00	0.50	RIH	1	Kill tbg w/ 10 bbls. TIH w/ 10 stands. PU jts from float.
	11:00 -12:30	1.50	PUMP	4	Circulate down to top of plug. Circulate hole w / 160 bbls.
	12:30 -17:00	4.50	POOH	1	Release 3-L plug Well unloading fluid. Steady 3/4 inch stream. TOOH. LD Plug. Fill hole every 20 stands. (Stopped to change slip dies. Well unloading fluid. Same steady stream.)
	17:00 -17:30	0.50	WSI	3	Shut in for night. Drain equipment.
2/14/2008	7:00 - 8:30	1.50	PRO		SICP 1200 psi. RU pump lines. Blow casing down.
	8:30 -12:30	4.00	RIH	1	PU team downhole arrow set plug. TIH to 10011'. Set plug
	12:30 -13:30	1.00	PUMP	4	Circulate hole.
	13:30 -14:00	0.50	PUMP	1	Test plug to 500 psi for 25 min.
	14:00 -15:30	1.50	RIH	1	Release plug.TIH to 11550. Set plug
	15:30 -17:30	2.00	POOH	1	Trip out with 131 stands. EOT @ 3077'.
	17:30 -18:00	0.50	WSI	3	Shut well in for night. Drain equipment.
2/15/2008	7:00 - 7:30	0.50	PROD	3	SICP 600 psi. SITP 1550 psi. Blow tbg & casing down.
	7:30 - 8:30	1.00	PUMP	4	TBG flowing. Circulate well.
	8:30 - 9:30	1.00	POO		Finish pulling out w/ tbg.
	9:30 -12:30	3.00	RI		PU PKR & RIH to 10008'.
	12:30 -14:00	1.50	PUMP	4	Circulate gas out. Pumped 140 bbls.
	14:00 -16:30	2.50	PUMP	2	Set PKR. test to 1000 psi. 25 min. Good. RIH to 11520'. Test PKR & plyg to 1000 psi. Good. Pull above perfs.

Legal Well Name: State Reservation Ridge 42-2
Common Well Name: State Reservation Ridge 42-2 Spud Date: 10/24/2007
Event Name: COMPLETION Start: 12/24/2007 End:
Rig Release: Group:

Date	From-To	Hours	Code	Sub Code	Description of Operations
	16:30 -17:00	0.50	WSI	3	Dhut well in. Drain equipment.
2/16/2008	7:00 - 9:00	2.00	PUMP	4	SICP 500 psi. SITP 600 psi. Blow tbg down. Circulate gas out @ 2 BPM w/ rig pump. RU Halliburton pumping services.
	9:00 -11:30	2.50	PUMP	1	Set PKR @ 11353. Test backside to 500 psi. RU 10000 psi. slickline lubricator. Test to 8200 psi good. Casing psi dropping slow. 120 psi drop in 1 hour. RIH w/ slickline w . tbg shut in. TBG psi increasing slow. (part from perfs.) Casing pressure dropped 200 psi in 90 min. TBG psi increased to 300 psi in 30 min. TBG & casing @ 300 psi. TBG PSI built to 360 psi. Casing pressure increased 2 to 3 psi every 7 to 10 min. TBG built to 480 psi Casing built to 336 psi. Both stayed at these pressures for 1 hr.
	11:30 -13:30	2.00	PUMP	2	Set wire line plug in XN nipple. Start TBG @ 1500 psi. Casing @ 336 psi. 10 min TBG @ 1222 psi. Casing @ 404 psi. 15 min TBG @ 1147 psi. Casing @ 413 psi. 100 min TBG @ 668 psi. Casing @ 482 psi. Have tbg or colar leak between xn nipple & surface. This leak will compromise DFIT test if tbg psi dropped below zone pressure after break down. After talking w / rig crew on pipe conditions & torque on tbg. After changing out tongs they were running less torque on new tongs. From 1750 FP of torque to 1350 FP of torque. 1750 fp is mid range on torque. 1350 FP is min on torque. This may be our problem?
	13:30 -14:30	1.00	POOH	1	Pull out w / slickline plug. RD lubricator.
	14:30 -18:00	3.50	POOH	1	Pull PKR. Packer in good condition. All rubbers out of hole.
	18:00 -18:30	0.50	WSI	3	Shut well in. Decision on next step to be made Sunday.
2/17/2008	-		WOT	6	looking for tbg testers.
2/18/2008	7:00 - 9:00	2.00	PUMP	2	Start equipment. Make up 2 jts & Xn nipples on ground.
	9:00 -11:00	2.00	PUMP	2	Test 2 jts to 4000 psi. Moke up PKR & gauge assembly. SICP 800 psi. Blow casing down. Run pkr & 2 jts. Set plug in XN nipple. Run 10 stands. Test plug & 10 stands to 1500 psi. Good test. Check torque on center collars all stands ran in hole.
	11:00 -13:00	2.00	PUMP	2	TIH to 3000 ft. Fill tbg every 10 stands. Test tbg to 4000 psi. Good test.
	13:00 -15:00	2.00	PUMP	2	TIH to 6000'. Fill tbg every 10 stands. Test to 3500 psi. Good test.
	15:00 -18:00	3.00	PUMP	2	TIH to 8300'. FIll tbg every 10 stands. Test to 2000 psi. Lots of air on this test. Good test.
	18:00 -21:41	3.68	WSI	3	TIH to8800'. Shut in for night. Drain equipment.
2/19/2008	7:00 - 9:30	2.50	RIH	1	SICP 800 psi. SITP 0 psi. Blow casing down. RIH check center collars. Fill tbg every 10 stands. EOT @ 11520'
	9:30 -10:30	1.00	PUMP	2	Test tbg to 1500 psi. Still have air in tbg at end of test. Pressure drop slower last test. Planed to pull plug & circulate hole.
	10:30 -18:30	8.00	FISH	1	Ran in w/ retrieving head to pull plug. tried to pull over. Could not latch on plug. Pulled out to check retrieving tool. Run new tool. Would not latch on. Ran 1-1/2 bailer w/ 6 in stinger on bottom. Recovered appx 1/4 cup sand. Ran in w/ 12 in stinger to clean out all of tool. Nothing recovered in bailer. Ran in w/ retrieving tool. Gould not latch on plug. Stinger may be hitting something in tool. May have opened bypass on 2nd bailer run. Casing climbed to 1200 psi. Could not feel any real vacuum on tbg. Shut in to let pressure equalize. Bled pressure from casing to 0 in 45 sec.
	18:30 -19:00	0.50	WSI	3	Shut well in. Drain equipment.

Legal Well Name: State Reservation Ridge 42-2
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Event Name: COMPLETION Start: 12/24/2007 End:
Rig Release: Group:

Date	From-To	Hours	Code	Sub Code	Description of Operations
2/20/2008	7:00 -10:00	3.00	FISH	1	SITP 900 psi. SICP 750 psi. Plug equalized. Ran in w/ pulling tool without stinger. Latch on plug first try. Pressured up on tbg & casing to 800 psi. No change plug still stuck. Bled tbg down slow. Plug released. Plug pushed up hole. Pulled plug to 10700. Lost weight on slick line. Pooh. Slick line parted close to rope socket. 5 ft of line bent up.
	10:00 -12:30	2.50	PUMP	4	RU to catch tools in lubricator. Circulate well. At tbg volume recovered all slick line tools & tbg plug. LD tools. Continue circulating w / 160 total barrels. Found rust in plug with some sand.
	12:30 -14:00	1.50	PUMP	1	Set State PKR @ 11353. 1 jt higher from last 2 packer failures.. Test casing to 1000 psi. Holding steady @ 900 psi. RU slick line & RIH w 1-1/2 plug.
	14:00 -15:30	1.50	PUMP	3	Pumped 20 bbls to pit @ 10 BPM to flush tank bottom & manifold. Pump DFIT on StarPoint #1. Perfs 11453-54. Slight break @ 5376. 100 psi drop. Pressure clinbed to 5450 psi. Pressure stayed around 5450 psi most of job. Rate stayed @ 3.9 BPM. Last min switched to calcuim chloride. Drop rate to 1 BPM. Set plug in XN nipple. 3000 psi on tbg.shut down @ 3948 psi. Pumped 49 bbls total. Moniter tbg pressure for 1 hr. FInal tbg psi 5160.
	15:30 -16:00	0.50	WSI	2	RD & release halliburton acid crew. Tarp in stack. Well shut in for 48 hrs.
2/21/2008	0:00 - 0:00	0.00	WSI	2	48 hr shut in. DFIT on Starpoint#1 Check for leaks. Check heater. 4168 psi on surface gaauge.
2/22/2008	0:00 - 0:00	0.00	WSI	2	48 hr dfit shut in. No leaks. Check & service heater. 3550 psi on tbg gauge.
2/23/2008	7:00 - 8:00	1.00	LOC	5	Remove snow & start equqipment. RU hard line
	8:00 - 9:30	1.50	PROD	2	SITP 2050. SICP 750. Blow tbg down to 500 psi. Pull 1-1/2 slickline plug. RD Halliburton Slick line.
	9:30 -11:00	1.50	PROD	1	Flow tbg to tank.Unloaded tbg. Flowed steady @ 50 psi through 1-1/2 opening. Shut in for 15 min. Pressure built to 1150 psi. Flowed to tank for 1 hour. Steady gas with medium mist.
	11:00 -12:00	1.00	PUMP	4	Release PKR. Circulate gas from tbg.
	12:00 -16:00	4.00	RIH	1	TOOH w/ tools. PKR in good condition. Part of 1 element missing. Check Gauges for data. GOOD.
	16:00 -18:00	2.00	RIH	1	TIH w / retrieving head. Well flowing after 40 stands. Install stripper rubber. Kill tbg w/ 12 bbls. Casing flowing to tank.TIH to 5200'.
	18:00 -18:30	0.50	WSI	3	Shut well in. Drain equipment.
2/24/2008	7:00 - 8:30	1.50	PRO		SITP 2800 psi. SICP 2100 psi. RU hard line. Flow casing to tank. Kill tbg w/ 25 bbls.
	8:30 - 9:30	1.00	RIH	1	TIH to 9700'. TBG & casing flowing.
	9:30 -10:00	0.50	PUMP	4	Pumped 15 bbls to kill tbg. Casing flowing.
	10:00 -13:00	3.00	RIH	1	TIH to 11259'. Shut casing in flow tbg to unload fluid. Shut tbg in. RU hard line to tbg.
	13:00 -21:00	8.00	PROD	1	SICP 1300 psi. SITP 1500. Flow to tank on 20/64 choke. Pressures drop. Well flowing light gas. Open to 32/64 choke. Flowing to tank W 150 psi on tbg. Casing dropped to 475 psi. Still working w/ chokes to keep well flowing.
	21:00 -23:59	2.98	PROD	1	As of 09:00 well well flowing on 32/64 choke. 100 psi on tbg 310 casing.Unloaded 3 bbls. Will be watching flow & pressures close.
2/25/2008	6:00 -18:00	12.00	PROD	1	Flow well. Rate slowly dropping. Drop choke size to 30/64 @ noon. Change choke to 28/64. Gas rate dropped slow. Watch pressures & rate. No fluid recovery after dropping choke size. To increase choke size to 32/64 in late afternoon.

Legal Well Name: State Reservation Ridge 42-2
Common Well Name: State Reservation Ridge 42-2 Spud Date: 10/24/2007
Event Name: COMPLETION Start: 12/24/2007 End:
Rig Release: Group:

Date	From-To	Hours	Code	Sub Code	Description of Operations
	18:00 - 0:00	6.00	PROD	1	Flow well rest of day.
	0:00 - 6:00	6.00	PROD	1	Flow well. FTP 40 psi SICP 118 psi. 115 mcf.
2/26/2008	14:00 - 0:00	10.00	PROD	1	Opened choke to 36/64. FTP Dropped slow to 40 psi. SICP dropped slow to 260 psi. Flow rate stayed @ 84 mcfd. No fluid recovery.
	0:00 -14:00		PROD	1	FTP 55 psi. SICP 310 psi. Flowing 85 mcfd on 32/64 choke. Holding 40 psi back pressure. No real water recovery.
2/27/2008	9:00 - 0:00	15.00	PROD	1	cleared all ice from lines & sand trap. Pressures dropping. TBG back to 35 to 50 psi. Casing dropped to 260 psi. Flow rate 65 to 75 mcfd. Recovering 1 to 5 gal every 4 to 6 hrs in sand trap. Gas rate has been dropping slow the last 2 days.
	0:00 - 9:00		PROD	1	Flowing well. Sand trap freezing from 02:00 to 09:00 AM TBG 40 to 160 psi. Casing 285 to 440 psi.
2/28/2008	0:00 - 0:00	0.00	PROD	1	FTP 35 to 45 psi. SICP 300 to 410 psi. Gas flow 55 to 65 mcfd. Still recovering 1 to 5 gal every 4 to 6 hrs. Recovering some light oil in tank. Tbg loading up with water dropping gas flow & increasing casing psi.
2/29/2008	13:00 -14:00	1.00	WSI	2	Change out 2000 psi ball valve in flow line. SITP 220 psi. SICP 450 psi.
	14:00 - 0:00	10.00	PROD	1	Open tbg through separator. TBG dropped back to 40 psi. Casing dropped to 390 psi. Gas flow back to 60 mcfd. Continue flowing well over night.
	0:00 -13:00		PROD	1	FTP 35 to 40 psi. SICP 360 to 450 psi. Gas flow 60 mcfd. Recovered 1 bbl @ 06:00 AM.
3/1/2008	14:30 - 0:00	9.50	WSI	2	Shut tbg in. Record pressures with spider gauges. Midnight SITP 1525 psi. SICP 1500 psi.
	0:00 -14:30		PROD	1	FTP 35 to 45 psi. SICP 460 to 510 psi/ Flow rate 46 mcfd.
3/2/2008	0:00 - 0:00	0.00	WS		Shut in for pressure build up. 01:00 AM SITP 1625 psi. SICP 1600 psi. MIdnight SITP 2800 psi. SICP 2800 psi.
3/3/2008	0:00 - 0:00	0.00	WSI	2	Shut in for pressure build up. 01:00 AM SITP 2850 psi. SICP 2850 psi. 12:00 Noon SITP 3030 psi. SICP 3030 psi. 2400 SITP 3200 psi. SICP 3200 psi.
3/4/2008	0:00 - 0:00	0.00	WSI	2	Shut in for pressure build up. 0100 SITP 3225. SICP 3240. 1200 SITP 3310. SICP 3330. 2400 SITP 3410 SICP 3430.
3/5/2008	0:00 - 0:00	0.00	WSI	2	Well shut for pressure build up. 0100 SITP 3410 psi. SICP 3440 psi. 1200 SITP 3500 psi SICP 3540 psi 2400 SITP 3550 psi. SICP 3570 psi.
3/6/2008	0:00 - 0:00	0.00	WSI	2	Shut in for pressure build up 0100 SITP3550psi. SICP 3570 psi. 1200 SITP 3615 psi. SICP 3640 psi. 2400 SITP 3625 psi. SICP 3650 psi.
3/7/2008	0:00 - 0:00	0.00	WSI	2	Shut in for pressure build up. 0100 SITP 3630 psi. SICP 3660 psi. 1200 SITP 3700 psi. SICP 3720 psi. 2400 SITP 3710 psi. SICP 3720 psi.
3/8/2008	0:00 - 0:00	0.00	WSI	2	Shut in for build up 0100 SITP 3710 psi. SICP 3730 psi. 1200 SITP 3725 psi. SICP 3750 psi. 2400 SITP 3750 psi. SICP 3780 psi.
3/9/2008	0:00 - 0:00	0.00	WSI	2	Shut in for pressure build up. 0100 SITP 3750 psi. SICP 3780 psi. 1200 SITP 3775 psi. SICP 3810 psi. 2400 SITP 3800 psi. SICP 3820 psi.

Operations Summary Report

Legal Well Name: State Reservation Ridge 42-2
Common Well Name: State Reservation Ridge 42-2 Spud Date: 10/24/2007
Event Name: COMPLETION Start: 12/24/2007 End:
Rig Release: Group:

Date	From-To	Hours	Code	Sub Code	Description of Operations
3/10/2008	0:00 - 0:00	0.00	WSI	2	Shut in for pressure build up. 0100 SITP 3800 psi. SICP 3820 psi 1200 SITP 3800 psi. SICP 3830 psi. 2400 SITP 3825 psi. SICP 3850 psi.
3/11/2008	0:00 - 0:00	0.00	WS		Shut in for pressure build up. 0100 SITP 3825 psi. SICP 3850 psi. 1200 SITP 3850 psi. SICP 3890 psi. 1800 SITP 3850 psi. SICP 3890 psi Fill frac tanks W / 2% KCL.
3/12/2008	8:00 -10:00	2.00	LOG	1	SITP 3860 psi. SICP 3890 psi. RD spider gauge. RU slick line.
	10:00 -15:00	5.00	LOG	1	RIH w/ gauge ring to 11150' Run in hole w / gauges. Record pressure & temp every 500' for 5 min. Record pressures & 11150 1 hour. POOH w / gauges. Check data. RD slick line.
	15:00 -19:00	4.00	MIRU	2	RD rig to build pad. Pull out soft dirt under rig. Fill in with pit run.
	19:00 - 0:00	5.00	PROD	3	Flow well through Breco seperator. open w/ 3900 psi well pressure. 2400hrs 1380 psi on 14/64 choke. 596 mcfd.with 366 psi simulated line pressure. Pressure & rate dropping steady.
	0:00 - 8:00		WSI	2	Shut in for pressure build up. 0100 SITP 3855 psi. SICP 3885 psi. 0800 SITP 3860 psi. SICP 3890 psi. Down load gauge @ 08:00 AM
3/13/2008	8:00 - 0:00	16.00	PROD	3	Spot in rig & rig up. Ready to pull plug in AM. Flowing well. 1200 FCP 225 psi on 24/64 choke. Flowing 259 mcfd. 1800 FCP 225 psi on 24/64 choke. Flowing 223 mcfd. Left well flowing over night.
	0:00 - 8:00		PROD	3	Flow well. 0100 FCP 1100 psi on 18/64 choke. Flowing 783 mcfd. 368 psi simulated line pressure. 0800 FCP 225 psi on 24/64 choke. Flowing 290 mcfd. 222 simulated line pressure.
3/14/2008	8:00 -10:30	2.50	PUMP	4	Kill tbg w. 15 bbls. TIH to top of plug. Pumped 120 bbls. Circulate down to top of plug. Pump tbg volune. Sut down pump. Release plug.
	10:30 -13:30	3.00	POOH	1	Pull plug & lay down. All rubbers good. No problems pulling plug. Filled hole during trip.
	13:30 -17:00	3.50	LOC	4	RD floor. ND bop stack NU frac valve.
	17:00 - 0:00	7.00	PROD	3	No pressure on casing & 05:00 PM. To recover pumped fluid (225 bbls) if well will flow.
	0:00 - 8:00		PRO		Flow well. 0100 225 psi. Flowing 194 mcfd on 24/64 choke. 223 psi simulated line pressure. 0700 220 psi. Flowing 185 mcfd on 24/64 choke 220 psi simulated line pressure.
3/15/2008	6:00 -18:00	12.00	PROD	1	Open to pit. No flow. Venting very light gas.
	18:00 - 0:00	6.00	PROD	1	Casing showing some pressure 140 psi dropping to 10 psi. Recovering 15 bbls in 6 hrs.
	0:00 - 6:00	6.00	PROD	1	Shut in to build pressure. Opened up to pit w/ 600 psi on casing. Bled down quick. left open to tank. Start unloading fluid to pit @ 1800 140 psi.
3/16/2008	- 6:00		PROD	1	Flow well to tank. FCP 30 to 40 psi on 20/64 choke. Recovering 2 to 3 bbls every couple hrs.
	6:00 -18:00	12.00	PROD	1	FCP 100 to 240 psi on 20/64 choke. Pressures changing with fluid recovery. Recovered 105 bbls in 12 hrs.

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Date	From-To	Hours	Code	Sub Code	Description of Operations
	18:00 - 0:00	6.00	PROD	1	Left well flowing to pit.
3/17/2008	7:00 - 9:30	2.50	PERF	1	Shut well in. RU Perf O Log. RIH Perforate Mancos #1 & starpoint #1 Mancos 11601-03 4 holes & 11598-99 3 holes. Starpoint 11456-60 10 holes & 11448-51 7 holes. All shots 120 phasing, 12 gm / 0.35" charges, 3 1/8' guns. 550 psi before perforating. 550 psi after perforating. POOH all shots fired. RD Perf O Log.
	9:30 -12:00	2.50	WSI	3	Left well shut in until frac. 1100 psi on casing @ Noon.
	0:00 - 7:00		PROD	1	Flowing to tank 100 psi on 20/64 choke. Recovered 3 bbls last 6 hrs. 223 total bbls recovered. EST gas flow 240 mcfd.
3/18/2008	0:00 - 0:00	0.00	WSI	2	Well shut in until frac. Move in frac equipment on frost.
3/19/2008	12:00 -13:30	1.50	STIM	3	Frac Mancos & Starpoint. see stimulation report.
	13:30 - 0:00	10.50	PROD	1	SICP 1400 psi. Open to pit on 20/64 choke. Recover casing volune 1900 hrs FCP 2650 psi on 24/64 choke recovered 42 bbls last hr. Med sand returns. Choke back to 20/64 to control sand.
	5:00 -12:00		STIM	1	Finish moving in equipment. RU for frac.
3/20/2008	- 6:00		PROD	1	FCP 2975 on 18/64 choke. Recovering 21 to 25 BPH.. Light to med sand. 2400 mcf/d. Flowing to tank.
	6:00 -14:00	8.00	PROD	1	Pressure dropped to 2700 psi. Fluid dropped to 16 BPH. Still recovering light to med sand. Flowing to tank.
	14:00 - 0:00	10.00	PROD	1	1400 hrs.Turn well through Breco seperator. Flowing @ 2700 psi on 16/64 choke. Recovering 10 to 11 BPH. 2650 mcf/d. 2400 hrs. Still flowing steady. FCP 2450 psi. recovering 10+ BPH. Flow rate 2654 mcf/d. 906 bbls recovered. Still have a trace of sand.
3/21/2008	-11:03		PROD	1	0100 hrs FCP 2400 psi. on 16/64 choke. Recovered 12 bbls last hr. Flowing 2616 mcd/f. 546 psi back pressure.
	11:30 -12:00	0.50	PROD	1	1200 hrs FCP 2150 psi. on 16/64 choke. Recovered10 bbls last hr. Flowing 2302 mcf/d. 545 psi back pressure.
	12:00 -		PROD	1	2400 hrs FCP 1900 psi. on 16/64 choke. Recovering 7 to 10 BPH last 12 hrs. Still recovering frac fluid.(foam in seperator from frac fluid) Flowing 2031 mcf/d. 554 psi back pressure.
3/22/2008	-11:30		PROD	1	01:00 AM. FCP 1875 psi on 16/64 choke. Recovered 9 bbls last hr. Flow rate 2001 mcf/d. 543 psi back pressure. 1156 bbls recovered.
	11:30 -12:00	0.50	PROD	1	Noon . FCP 1650 psi on 16/64 choke. Recovering 7 to 10 BPH. Flow rate 1757mcf/d. 544 psi back pressure. 1284 bbls recovered.
	12:00 -		PROD	1	Midnight. FCP 1500 psi on 16/64 choke. Recovering 5 to 9 BPH. Flow rate 1611 mcf/d. 551 psi line pressure. 1361 bbls recovered.
3/23/2008	-		PROD	1	0100 hrs. FCP 1500 psi on 16/64 choke. Recovered 6 bbls last hr. Flowing 1600 mcf/d. 551 psi back pressure.
	-		PROD	1	1200 hrs. FCP 1400 psi on 16/64 choke. Recovering 5 to 8 BPH last 12 hrs. Flowing1498 mcf/d. 551 psi back pressure.
	-		PROD	1	2400hrs. FCP 1300 psi on 16/64 choke. Recovering 5 to 8 BPH last 12 hrs. Flowing 1354 mcf/d. 549 psi back pressure. Pressure & rate are starting to level out.
3/24/2008	-		PROD	1	0100 hrs. FCP 1300 psi on 16/64 choke. Recovered 5 bbls last hr. Flowing 1.370 mcf/d. 549 psi back pressure.

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	-		PROD	1	1200 hrs. FCP 1225 psi on 16/64 choke. Recovering 3 to 5 BPH last 12 hrs. Flowing 1.310 mcf/d. 529 psi back pressure. 1514 bbls recovered from frac.
	-		PROD	1	2400 hrs. FCP 1175 psi on 16/64 choke. Recovering 4 to 5 BPH last 12 hrs. Flowing 1.261 mcf/d. 543 psi back pressure 1596 bbls recovered from frac. pressures & flow dropping slow.
3/25/2008	-		PROD	1	0100 hrs. FCP 1150 psi on 16/64 choke. Recovered 2 bbls last hr, Flowing 1254 mcf/d. 543 psi back pressure. Recovered 1595 bbls.
	-		PROD	1	1200 hrs. FCP 1100 psi on 16/64 choke. Recovering 2 to 5 BPH last 12 hrs. Flowing 1200 mcf/d. 543 psi back pressure. Recovered 1635 bbls. Still frac fluid.
	12:00 - 0:00	12.00	PROD	1	2400 hrs. FCP 1050 psi on 16/64 choke. Recovering 2 to 5 BPH last 12 hrs. Flowing 1166 mcf/d. 540 psi back pressure. Recovered 1696 bbls.
3/26/2008	-		PROD	1	0100 hrs. FCP 1050 psi on 16/64 choke. Recovered 2 bbls last hr. Flowing 1154 mcf/d. 540 psi back pressure. 1676 bbls recovered.
	-		PROD	1	1200 hrs. FCP 1000 psi on 16/64 choke. Recovering 2 to 5 BPH last 12 hrs. Flowing 1121 mcf/d. 541 psi back pressure. 1721 bbls recovered.
	-		PROD	1	2400 hrs. FCP 1000 psi on 16/64 choke.Recovering 2 to 5 BPH last 12 hrs. Flowing 1044 mcf/d. 539 psi back pressure. 1758 bbls recovered.
3/27/2008	-		PROD	1	0100 hrs. FCP1000 psi on 16/64 choke. recovered 5 bbls last hr. Flowing 1062 mcf/d. 538 psi back pressure. 1763 bbls recovered.
	-		PROD	1	1200 hrs. FCP 950 psi on 16/64 choke. Recovering 2 to 5 BPH last 12 hrs Flowing 1034 mcf/d. 546 psi back pressure. 1798 bbls recovered. 319 bbls left to recover.
	-		PROD	1	2400 hrs. FCP 950 psi on 16/64 choke. Recovering 2 to 5 BPH last 12 hrs. Flowing 894 mcf/d. 509 psi back pressure. 1833 bbls recovered. 284 bbls left to recover. below 0 on location last night. start heater on test separator @ midnight. Flow rates steady around 900 mcf/d
3/28/2008	-		PROD	1	0100 hrs. FCP 950 psi on 16/64 choke. Recovered 4 bbls last hr. Flowing 942 mcf/d. 556 psi back pressure. 1835 bbls recovered.
	-		PROD	1	1200 hrs. FCP 900 psi on 16/64 choke. Recovering 2 to 4 BPH last 12 hrs. Flowing 905 mcf/d. 575 psi back pressure. 1863 bbls recovered.
	12:00 - 0:00	12.00	PROD	1	2400 hrs. FCP 890 psi on 16/64 choke. Recovering 2 to 4 BPH last 12 hrs. Flowing 838 mcf/d. 553 psi back pressure. 1896 bbls recovered. 221 bbls left to recover.
3/29/2008	-		PROD	1	1200 hrs. FCP 890 psi on 16/64 choke. Recovering 2 to 5 bbls last 12 hrs Flowing 890 mcf/d on 16/64 choke/ Recovered 1931 bbls
	-		PROD	1	0100 hrs. FCP 890 psi on 16/64 choke. Recovered 3 bbls last hr. Flowing 831 mcf/d. 553 psi back pressure. Recovered 1899 bbls.

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Date	From-To	Hours	Code	Sub Code	Description of Operations
	-		PROD	1	1800 hrs. FCP 890 on 16/64 choke. Recovering 2 to 3 bbls last 6 hrs. Flowing 864 mcf/d. 552 psi back pressure. 1946 bbls recovered.
3/30/2008	- 9:00		PROD	1	0900 hrs . FCP 850 psi on 16/64 choke. Recovering 1 to 5 BPH last 9 hrs. Flowing 862 mcf/d. 556 psi back pressure. 1984 bbls recovered.
	9:00 -11:00	2.00	LOG	1	RIH in hole w/ slick line tag fill. SL depth 11596 KB. BP 11607 RD slick line.
	11:00 -12:30	1.50	MIRU	1	ND top frac valve. NU BOPs. RU floor. RU hard line.
	12:30 -13:30	1.00	WELL	3	Blow down casing. to 400 psi.
	13:30 -17:00	3.50	PROD	1	Pump 20 bbls. Casing on vacuum. Stop pumping @ 50 bbls. PU & run WL entry guide, 1 jt 2-3/8 tbg. X nipple & tbg Well flowing after 2 hrs. Kill tbg w/ 10 bbls. Finish tripping in w/ casing flowing. EOT & 11258' . Shut tbg in. Flow well through casing. Recovered all kill fluid pumped.
	17:00 -18:00	1.00	PROD	1	Flow to tank on 28/64 choke. Recovered 3 bbls last hr.
	18:00 -		PROD	1	Flow through separator. Brought back pressure up to 550 psi slow. Flowing 400 mcf/d on 18/64 choke @ 2100 hrs. To flow well over night on 18/64 choke.
3/31/2008	- 8:30		PROD	1	0100 hrs. FCP 700 psi on 18/64 choke. Recovered 2 bbls last hr. Flowing 937 mcf/d. 542 psi back pressure. 0800 hrs. FCP 700 psi on 18/64 choke. Recovering 5 to 0 BPH last 12 hrs. Flowing 828 mcf/d. 546 psi back pressure. 2110 bbls recovered. Move in foam unit & swivel. RU foam unit.
	8:30 -10:30	2.00	RIH	1	Pump 15 bbls to kill tbg. Install dart valve . TIH to 11515. PU swivel.
	10:30 -14:00	3.50	PUMP	5	Break circulation w/ air foam unit. CO to Halliburton 3-I plug @ 11667. Circulate hole clean.
	14:00 -16:00	2.00	POOH	1	Set back swivel. TOOH to 11262' let well flow to clean up through casing. *Flowing 550 psi on 32/64 choke.*
	16:00 -18:00	2.00	RIH	1	TIH & tag. No fill. trip out laying down tbg. EOT @ 11262'. Flowing 415 psi on a 32/64 choke. Recovered 86 bbls from the 105 pumped today. Light sand in fluid. Fluid rust colored & dirty looking.
	18:00 -		PROD	1	Flow well over night to clean up. Will flow through separator when clean.
4/1/2008	-		PROD	1	Flowing to tank. FCP 750 psi on 22/64 choke. No fluid recovery. lines freezing. -4 over night.
	-		PROD	1	Pressure & rate dropping. Change choke to 16/64 to try & keep pressure & rate steady over night. 1800 hrs . FTP 710 psi. SICP 1190 psi. Flowing 809 mcf/d. Recovered 3 bbls last hr. 2400 hrs.Well flowing steady SICP 1190 psi. FTP 700 psi. on 16/64 choke. 553 psi back pressure. Flowing 802 mcf/d. Recovering 2 to 3 BPH last 6.
	-		PROD	1	0400 hrsTurn through separator FCP 1040 to 1175 psi. Recovered 27 bbls in 4 hrs. Flowing 1300 mcf/d.
	-		PROD	1	1000 hrs. Flow well through tbg. Recovering 2 to 5 BPH. *flowing 800 to* 1157 mcf/d on 18/64 choke.
	-		RIH	1	0700 hrs. SITP 1000 psi. Pumped 15 bbls to kill tbg. Left casing flowing on 22/64 choke. TIH & tag fill @ 11665'. 2 ft of fill overnight. Lay down tbg. EOT @ 11263'. TBG starting to flow. Recover 15 bbls Shut tbg in. Build line to flow through tbg.

Operations Summary Report

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Common Well Name: State Reservation Ridge 42-2 Spud Date: 10/24/2007
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Date	From-To	Hours	Code	Sub Code	Description of Operations
4/2/2008	-		PROD	1	Well flowing steady on16/64 choke. SICP 1190 to 1200 psi. FTP 700 to 750 psi. Recovering 2 to 3 BPH. 27 bbls over load as of 1800 hrs. Average flow rate 760 mcf/d.
4/3/2008	- 9:00				Flowing over night. SICP 1050 to 1100 psi. FTP 700 to 750 psi. Flowing 737 to 782 mcf/d last 9 hrs. Recovering 2 to 3 BPH.
	9:00 -15:00	6.00			RU Halliburton slick line. RIH w/ 1.77 gauge ring. Tag @ 11674' SL TD. Shut well in. Run PROTECHNICS logging tools to 11300'. Flow well until rates & pressure were stable. Run logs. Shut well in. Pull tools Check data on Spinner, FDEN, TEMP, PRES, ICL, LSPD, TOTG & CAP.
	15:00 -16:00	1.00			RD slick line.
	16:00 -				Flow well through Breco separator. SICP 1100 psi. FCP 710 to 750. psi. Flowing 720 to 821 mcf/d. Recovering 2 to 5 BPH last 6 hrs.
4/4/2008	-		PROD	1	1800 hrs. SICP 1090 psi. FTP 708 psi on 16/64 choke. Recovering 2 to 3 BPH last 6 hrs. Flowing 708 mcf/d Recovered 2414 bbls. 132 bbls over load.
	-		PROD	1	0100 hrs. SICP 1100 psi. FTP 710 psi. on 16/64 choke. Recovered 2 bbls last hr. Flowing 732 mcf/d. Recovered 2373 bbls. 91 bbld over load.
	-		PROD	1	1200 hrs. SICP 1100 psi. FTP 740 psi. on 16/64 choke. Recovering 1 to 3 BPH past 12 hrs. Flowing 713 mcf/d. Recovered 2400 bbls.
4/5/2008	-		PROD	1	0100 hrs. SICP 1090 psi. FTP 710 psi on 16/64 choke. Recovered 2 bbls last hr. Flowing 691 mcf/d. 542 psi simulated line pressure.
	-		PROD	1	1200 hrs. SICP 1050 psi. FTP 720 psi on 16/64 choke. Recovering 2 to 3 BPH. last 12 hrs. Flowing 619 mcf/d. 543 psi simulated line pressure.
	-		PROD	1	2400 hrs. SICP 1020 psi. FTP 660 psi on 16/64 choke. Recovering 1 to 3 BPH last 12 hrs. Flowing 689 mcf/d. 478 psi simulated line pressure.
4/6/2008	-		PROD	1	0100 hrs. SICP 1020 psi. FTP 660 psi on 16/64 choke. Recovered 1 BPH last hr. Flowing 667 mcf/d. 478 psi simulated line pressuer.
	-		PROD	1	1800 hrs. SICP 1050 psi. FTP 670 psi on 16/64 choke. Recovering 0 to 3 BPH last 6 hrs. Flowing 658 mcf/d.
	-		PROD	1	1200 hrs. SICP 1025 psi. FTP 660 psi on 16/64 choke. Recovering 1 to 3 HPH last 12 hrs. Flowing 662 mcf/d.
4/7/2008	- 7:00		PROD	1	Flow well. SICP 1050 psi. FTP 670 psi on 16/64 choke. recovered 1 bbl last hr. Flowing 634 mcf/d. 496 psi simulated line pressure.
	7:00 - 8:00	1.00	PROD	3	RU hard line. Blow casing down to 800 psi. Kill tbg 20 bbls.
	8:00 -11:00	3.00	POOH	1	Start out w/ tbg. Pumped 15 bbls to kill tbg during trip. 40 stands left in hole. Pumped 50 bbls to kill casing . Pull 40 stands.
	11:00 -15:30	4.50	PLUG	2	RU perf o Log. Run halliburton 10 K plug to 11390'. Set plug. SICP built to 500 psi. Blow casing down to 0 psi.
	15:30 -16:00	0.50	PUMP	2	Left well open to vent gas. Fill hole w/ 145 bbls. Test plug to 4000 psi. 10 min 0 pressure drop.
	16:00 -17:30	1.50	PLUG	2	RIH w dump bailer. Dump 1 SX g cement on plug. 13'. Cement top 11377'.
	17:30 -18:00	0.50	WSI	3	SWIFN. Cover stack. Left heater running on bop stack over night.

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Date	From-To	Hours	Code	Sub Code	Description of Operations
4/8/2008	7:00 -11:00	4.00	PERF	1	RIH to perforate Starpoint 2 DFIT holes. Misfire on first run. POOH & repair gun. RIH w/ 3-1/8 gun 3 spf. 23gm .35 diam. Shoot 3 holes for DFIT @ 11176-77'. Pull gun. RD wire line.
	11:00 -14:30	3.50	RIH	1	PU 6 ft perf sub & gauges. Team HD pkr, 1 jt. 1.5 XN nipple. RIH w/ tbg to 11254.
	14:30 -16:30	2.00	PUMP	2	Set PKR test tbg , plug & pkr to 2000 psi. 20 min test good. Release pkr LD 4 jts. PKR @ 11124. Shut well in. Drain equipment.
	16:30 -17:00	0.50	WSI	3	SWIFN. Cover well head. Left heater running over night.
4/9/2008	7:00 - 9:00	2.00	WO		Pump truck stuck on location. Wait on grader to arrive on location.
	9:00 -10:00	1.00	PUMP	3	RU Halliburton pumping service & slick line service. Test lines to 8000 psi.
	10:00 -13:00	3.00	PUMP	3	Circulate well w/ 150 bbls 2% KCL. Set HD pkr. Test back side to 1000 pai. Good. RU 10K slickline lubricator. Test to 8000 psi. RIH w/1.5 plug to 50 ft above 1.5 XN nipple. Pump DFIT on Starpoint #2 perfs 11176-77 3 holes .35 diam. 120deg phasing. Broke @ 4866 psi. Average rate 3.9 BPM. Average psi 4820 psi. Pumped 23.4 bbls Set plug pumping 1.2 bpm @ 2600 psi. leveled out & 3300 after 1 hr. NO leaks. RD & release halliburton pumping services.
	13:00 -14:00	1.00	WSI	2	Shut in for 48 hr pressure build up.
4/10/2008	-		WSI	2	48 hr shut in for pressure build up. SITP 1146 psi. No leaks from any equipment.
4/11/2008	-13:00		WSI	2	Final 48 hr shut in.
	13:00 -14:00	1.00	POOH	1	SITP 500 psi. SICP 700 psi. Bled tbg down. Pull plug . RD & release Halliburton SL
	14:00 -17:00	3.00	POOH	1	Bled down casing. Release packer. No fluid pumped. Pull PKR & pressure recorders. Packer & elements in good shape. Lay down tools.
	17:00 -17:30	0.50	WSI	3	Shut well in.
4/12/2008	7:00 -10:00	3.00	RIH	1	SICP 10 psi. RIH w/ WL entry guide. 1 jt, Standard SN. & tbg. EOT @ 1112'.
	10:00 -11:30	1.50	WELL	4	RU to swab.
	11:30 -17:00	5.50	WELL	4	Swab well. Made 11 runs recovering 81 bbls. Gas cut fluid after 35 bbls. No flow after runs. No pressure build up on casing. First run fluid @ 90'. Last run fluid @ 5500'.
	17:00 -17:30	0.50	WSI	3	Shut in for weekend.
4/13/2008	-		WSI	1	Shut in over weekend.
4/14/2008	7:00 - 8:00	1.00	WELL	3	SITP 900 1000 psi. SICP 900 psi. Blow down tbg & casing. Bled down 3 min tbg. 4 min casing. PU 8 jts check for fill after swabing. Tag @ 11378'.
	8:00 -11:30	3.50	POOH	1	LD 8 jts. TOOH w / 342 jts 2-3/8 tbg.
	11:30 -13:00	1.50	MIRU	1	ND BOP stack. NU top frac valve.
	13:00 -14:30	1.50	WSI	2	Shut well in.
4/15/2008	-		WSI	2	Well shut in.. Setting up perforating & frac time. SICP 450 psi.

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Common Well Name: State Reservation Ridge 42-2 Spud Date: 10/24/2007
Event Name: COMPLETION Start: 12/24/2007 End:
Rig Release: Group:

Date	From-To	Hours	Code	Sub Code	Description of Operations
4/16/2008	0:00 - 0:00	0.00	WSI	2	Well shut in. Waiting on frac equipment. SICP 700 psi. Filling tanks w/ 2% KCL.
4/17/2008	8:00 -10:00	2.00	PERF	1	RU Perf O log. SICP 800 psi. Perf Srarpoint #2. 11300-02, 11292-94, 11240-42, 11196-98. 4 SPF each. 11177-78 1 SPF. 21 holes today. 24 holes w/ DFIT perfs. All shots fires. RD Perf O Log. NU cap on frac valve. No pressure change after perforating.
	10:00 -17:00	7.00	STIM	1	Finish filling frac tanks. Co2 delivered today. tanks 75% full.
4/18/2008	-		STIM	1	Heat tanks to 80 deg, Move in frac equipment. Sand to be delivered late afternoon. ready to frac Starpoint #2 in AM
4/19/2008	7:00 -10:00	3.00	STIM	1	Finish moving in frac equipment, Praxair & ProTechnics.
	10:00 -12:00	2.00	STIM	3	Frac Starpoint #2. See stim report for details.
	12:00 - 0:00	12.00	PROD	1	ISIP 2628 psi. Pressure dropped to 1300 psi. Open to tank on 20/64 choke. Recovered casing volume. heavy sand returns. Turn to pit on 24/60 Pressure dropped to 750 psi. Sand lightened some. Turn to tank on 20/64 choke. 06:00 PM sand still heavy. pressure increased to 1090 psi. Recovering 24 to 28 BPH last 3 hrs. 248 bbls recovered last 6 hrs. Flowing well over night. Will change choke size depending on rate & sand returns.
4/20/2008	- 1:00		PROD	1	0100 AM. FCP 1700 on 20/64 choke. Flowing to tank. Recovered 38 bbls last hr. Heavy sand returns.
	6:00 -12:00	6.00	PROD	1	Turn through test unit @ 07:00. Pressures & rates changing. Choke washing changing pressures & rates.heavier sand with increased fluid. Burnable gas & 07:00 AM.
	12:00 -18:00	6.00	PROD	1	Dropped choke to 18/64 to control sand & foaming in separator. Fluid recovery 10 to 35 BPH. Sand dropped off from heavy to trace of sand. Pressure dropped to 1650. Flow rate dropped to 1 Million. Flair steady changing when CO 2 hits..
	1:00 - 6:00	5.00	PROD	1	FCP 1840 on 20/64 choke. Recovering 30 to 40 BPH. Med to heavy sand returns.
4/21/2008	- 1:00		PROD	1	0100. FCP 1750 psi on 18/64 choke. Recovered 25 bbls last hr. Flowing 1297 mcf/d
	12:00 -18:00	6.00	PROD	1	1800 hrs. FCP 1700 psi. Recovering 18 to 23 BPH last 6 hrs. Flowing 1344 mcf/d.
	1:00 -12:00		PROD	1	1200 hrs. FCP 1780 psi. Recovering 20 to 25 BPH last 12 hrs. Flowing 1382 mcf/d. Light sand in returns. Recovered 1657 bbls.
4/22/2008	-		PROD	1	1800 hrs. FCP 1490 psi on 18/64 choke. Recovering 16 to 18 BPH. Flowing 1126 mcf/d. Pressure & rate still dropping slow.
	-		PROD	1	0100 hrs. FCP 1620 psi on 18/64 choke. Recovered 20 bbls last hr. Flowing 1266 mcf/d.
	-		PROD	1	1200 hrs. FCP 1510 psi on 18/64 choke. Recovering 18 to 20 BPH. Flowing 1162 mcf/d Pressures & rate slowly dropping.
4/23/2008	-		PROD	1	1200 hrs. FCP 1350 psi on 18/64 choke. Recovering 14 to 18 BPH. Flowing 962 mcf/d
	-		PROD	1	0100 hrs. FCP 1410 psi on 18/64 choke. Recovered 18 bbls last hr. Flowing 1056 mcf/d.
	-		PROD	1	1800 hrs. FCP 1300 psi on 18/64 choke. Recovering 15 to 20 BPH last 6 hrs. Pressure & rate dropping slow. 355 bbls left to recover.

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Event Name: COMPLETION Start: 12/24/2007 End:
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Date	From-To	Hours	Code	Sub Code	Description of Operations
4/24/2008	-		PROD	1	1800 hrs. FCP 1190 psi on 18/64 choke. Recovering15 to 18 BPH last 6 hrs. Flowing 756 mcf/d. pressures & gas rates still dropping slow. Water recovery between 15 & 18 BPH. 33 bbls over frac load @ 1800 hrs. Still recovering trace of sand.
	-		PROD	1	1200 hrs. FCO 1210 psi on 18/64 choke. Recovering 12 to 18 BPH last 12 hrs. Flowing 806 mcf/d. Trace of sand.
	-		PROD	1	0100 hrs. FCP 1275 psi on 18/64 choke. Recovered18 bbls last hr. flowing 895 mcf/d.
4/25/2008	-		PROD	1	1200 hrs. FCP1050 psi on 18/64 choke. Recovering 12 to 15 BPH last 12 hrs. Flowing 643 mcf/d.
	-		PROD	1	0100 hrs FCP 1100 psi on 18/64 choke. Recovered 15 bbls last hr. Flowing 708 mcf/d.
	-		PROD	1	1800 hrs. FCP 1010 psi. on 18/64 choke. Recovering 14 to 17 BBLS last 6 hrs. Flowing 612 mcf/d. Pressure & rate still dropping slow. Trace of sand last 24 hrs. Recovered 3285 bbls. 386 bbls over load.
4/26/2008	-		PROD	1	1800 hrs. FCP 910 psi on 18/64 choke. Recovering 12 to 14 BPH last 6 hrs. Flowing 533 mcf/d. Recovered 3610 bbls. 711 bbls over load.
	-		PROD	1	1200 hrs. FCP 975 psi on 18/64 choke. Recovering 12 to 15 BPH. Last 12 hrs. Flowing 530 mcf/d.
	-		PROD	1	0100 hrs. FCP1010 psi on 18/64 choke. Recovered 14 bbls last hr. Flowing 594 mcf/d.
4/27/2008	-		PROD	1	1800 hrs. FCP 850 psi on 18/64 choke. Recovering 10 to 15 BPH last 6 hrs. Flowing 444 mcf/d. Still recovering trace of sand. Recovered 3910 bbls as of 1800 hrs. 1013 bbls over load.
	-		PROD	1	0100 hrs. FCP 910 psi on 18/64 choke. Recovered 12 bbls last hr. Flowing 505 mcf/d.
	-		PROD	1	1200 hrs. FCP 850 psi on 18/64 choke. Recovering 12 to 15 BPH last 12 hrs. Flowing 451 mcf/d.
4/28/2008	- 7:00		PROD	1	0100 hrs. FCP 825 psi on 18/64 choke. Recovered12 bbls last hr. Flowing 396 mcf/d.
	7:00 - 9:00	2.00	BOP	1	0700 hrs. FCP 810 psi on 18/64 choke. Recovering 10 to 13 BPH last 7 hrs. Flowing 388 mcf/d. Change out pipe ram rubbers.
	9:00 -11:00	2.00	MIRU	1	Shut well in. ND frac valve. NU BOP stack. Pumped 50 bbls to kill well.
	11:00 -15:00	4.00	RIH	1	Pump another 20 bbls slow to start tbg in hole. RIH w/ WL entry guide. 1 jt, X nipple, & tbg. Well flowing w 20 stands left to run. Pump 15 bbls to kill tbg. Install washington rubber. TIH & tag fill @ 11290. RU to circulate well

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Date	From-To	Hours	Code	Sub Code	Description of Operations
	15:00 -16:30	1.50	PUMP	4	Circulate well w/ 2% KCL. Circulated gas out. Very little fluid returns. Not enough to clean out sand. Pumped 65 bbls to get returns. Lost 140 bbls to formation. Washed APPX 10 ft of sand. Sand hard @ bottom perf. Shut down pump. Pulled 15 stands EOT @ 10315'. Pumped 20 bbls down tbg to flush tbg. TBG & Casing on vacuum. Foam unit & power swivel to arrive in AM.
	16:30 -17:30	1.00	WSI	3	Shut well in. Drain all equipment.
4/29/2008	- 7:00		WSI	3	SITP & SICP 0 psi.
	7:00 - 9:00	2.00	WOT	6	Move in Air foam unit & power swive. RU foam unit RIH w 15 stands. RU swivel.
	9:00 -13:00	4.00	PUMP	5	Break circulation w / Air foam unit. CO sand from 11290 to 11374 tbg measurements. Circulate hole until sand claned up.
	13:00 -15:30	2.50	PUMP	4	Circulated hole w/ 156 bbls 2% kcl. Well dead. RD swivel. LD tbg. EOT @ 10990'.
	15:30 -16:00	0.50	WSI	3	Shut well in to keep zone from unloading any sand.
4/30/2008	7:00 - 8:30	1.50	WOT	6	SICP 480 psi. SITP 500 psi. Wait on slickline.
	8:30 - 9:00	0.50	LOC	4	RU slick line. Set up protechnics logging tools.
	9:00 -12:30	3.50	LOG	4	RIH w/ sinker bars. Tag @ 11373. Pull sinker bars. RIT w/ logging tools. Run RA log from 10500 to 11370. Pull tools Good data on tools. RD & release slick line & protechnics.
	12:30 -15:30	3.00	POOH	1	Blow tbg & casing down. TOOH w tbg. Pumped 40 bbls to kill well during trip.
	15:30 -18:30	3.00	RIH	1	PU team HD PKR. TIH to 8360' EOT.
	18:30 -19:00	0.50	WSI	3	Shut well in for night.
5/1/2008	7:00 - 9:30	2.50	RIH	1	SICP 500 psi. SITP 800 psi. Blow TBG & casing down. TIH w/ tbg. EOT @ 10965'. Circulate hole. Set HD PKR @ 10965. Test casing to 500 psi.
	9:30 -12:00	2.50	CMT	1	RU Halliburton cement services. Test lines to 4000 psi. Held safety meeting. Discuss cement job.
	12:00 -16:00	4.00	CMT	1	Establish injection rate. 2.4 BPM @ 2600 psi. Pump 10 bbls fresh water spacer. Pump 15 bbls class G cementw/ additives, 15.8# slurry. Pump 38.4 bbls fresh water. Pressure increase with cement on perfs. Pumped 6.75 bbls in perfs @ 1 bpm. Pressure built to 2500 psi. Stage another 1.25 bbls in perfs. 3500 max pressure. Release pkr. Reverse tbg clean. Pull eot to10279. *Pressure well up to 300 psi.* RD & release cementers.
	16:00 -16:30	0.50	WSI	3	Shut well in for night.
5/2/2008	7:00 - 8:00	1.00	WELL	3	Well head & valves froze. Thaw valves & blow down wel. 1300 psi on tbg & casing. Bled down quick.
	8:00 -11:00	3.00	POOH	1	Pull team HD PKR & lay down.
	11:00 -14:00	3.00	RIH	1	PU 3-3/4 bit. TIH to 10933'. PU swivel. Break circulation.
	14:00 -18:00	4.00	DRILL	3	*Clean out cement from* 10960' to 11155'. Top perf 11176'. Good cement some short soft spots. Circulated hole clean. Set back swivel. Pulled 5 stands to drop fluid in well bore.
	18:00 -18:30	0.50	WSI	3	Shut well in. Drain equipment & lines.
5/3/2008	7:00 - 7:30	0.50	WELL	3	0 psi on tbg & casing. Worm up casing valves to open valves.
	7:30 - 8:00	0.50	RIH	1	RIH w/ 5 stands. PU swivel. Break circulation.

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Date	From-To	Hours	Code	Sub Code	Description of Operations
	8:00 -13:00	5.00	CMT	3	Drill out cement from 11155 to 11302. Fell out of cement @ bottom perf. Cement harder today. No soft spots. Circulate tbg clean. test squeezed perfs 11176 to 11302 to 2500 psi. Good.
	13:00 -14:00	1.00	PUMP	4	Circulate hole clean w/ 2% kcl. Set back swivel.
	14:00 -17:30	3.50	POOH	1	Pull bit.
	17:30 -18:00	0.50	WSI	3	Shut in for weekend.
5/4/2008	-				Shut down for weekend.
5/5/2008	8:00 -11:00	3.00	PLUG	2	SICP 0 psi. RU Perf o Log. Run 3.69 gauge ring 11140'. Could not pick up collars in computer. Collar locator on truck working.
	11:00 -17:00	6.00	PERF	4	Work out problems w/ computer. Run Halliburton 10 K plug. Set plug @ 11120'. Plug did not sheer from setting tool. Tryed working free from plug rest of afternoon. Worked weights up to pull out point on rope socker. Pulled out of rope socker @ 3250. All were line recovered.
	17:00 -17:30	0.50	PERF	4	RD wire line. Order fishing tools to fish setting tools.
	17:30 -18:00	0.50	WSI	3	Shut well in for night.
5/6/2008	7:00 -10:30	3.50	FISH	2	PU 3-3/4 overshot, BS, TBG jars. TIH to fish top @ 11113. Set down on fish. Pull 14000 over. pulled free.
	10:30 -14:00	3.50	FISH	2	Pull fish. Recovered plug setting tool. Broke down tool. Setting tool good. Nothing of charge left. Release R&W fishing.
	14:00 -14:30	0.50	WSI	3	Shut well in.
5/7/2008	7:00 -11:00	4.00	PLUG	2	RU Perf O log. Change plug venders. Run Weatherford 10 k 4-1/2 kill plug. Set pkug @ 11110. No problems with plug. Dump bail 1 sx cement on plug. Appx cement top 11097'. To shoot DFIT perfs in AM. Test plug to 4000 psi Shut well in.
	11:00 -17:00	6.00	LOC	1	Fill tank sfor frac. Burm on location sinking. Rebuild containment burm on location.
5/8/2008	7:00 - 9:00	2.00	PERF	1	RU Perf O Log. RIH w/ gun. Shoot 4 holes 10924' to 10925'.. 0.35 " , 23 gm , 3 spf 120 deg phasing using 3 1/8 Exp gun. RD & release Perf O Log.
	9:00 -11:00	2.00	WOT	6	Pressure gauges being pulled in highlands. Set up PKR to be run in AM.
	11:00 -11:30	0.50	WSI	3	Shut well in. No pressure on well after 2 hr shut in.
5/9/2008	7:00 -10:00	3.00	RI	1	SICP 0 psi. PU TeaM HD PKR. Run gauges below PKR. Run 1.5 XN nipple 1 jt above PKR. TIH to 10831.
	10:00 -14:00	4.00	PUMP	4	Circulate hole w/150 bbls 2% KCL. No gas cut fluid in hole. Set pkr & test backside to 1000 psi. Slow leak on on casing side. Open tbg valve. Pressure equalizes between tbg & casing. Reset packer & retest. Left valve open on tbg. Fluid running out tbg during test. RIH w/ slick line plug. Set plug in XN nipple. Test tbg to 1000 psi. TBG good. Pull plug. Problems getting plug loose. RD SL lubricator.
	14:00 -17:00	3.00	POOH	1	Release PKR TOOH w PKR. 1.5 XN nipple Bad. New XN nipple to be delivered in AM.
	17:00 -17:30	0.50	WSI	3	Shut in for night

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5/10/2008	6:30 - 9:30	3.00	RIH	1	SICP 0 psi. PU pressure gauges, New PKR, 1 jt, & new 1.5 xn nipple. RIH w 2-3/8 tbg.
	9:30 -10:00	0.50	PUMP	2	Trouble getting pKR to set. Circulate 50 bbls down tbg. Set PKR. Test tbg & pkr to 1000 psi. Good test. RU 10000# slick line lubricator. Test to 8000 psi. Good test. RIH w slick line. Tag plug. PU 30 ' above plug.
	10:00 -12:00	2.00	PUMP	3	Pump DFIT. Broke @ 5664 psi @ 3.5 bpm. Pumped 6 min @ 3.5 bpm. Pressure dropped to 4400 psi. Drop rate to 1 bpm. Set slick line plug. pressures @ 1000 psi. no increase in tbg pressure. TBG presure dropping to 570 psi. Bump up tbg to 1500 psi to seat plug. TBG dropped to 0 in 30 min.
	12:00 -15:00	3.00	POOH	1	Pull SL plug. Inspect plug. Seat plug in a 1.5 xn test to 1000 psi. no leaks. left well shut in for 3 hrs. RIH w. redressed SL plug. to 30 ft above xn nipple.
	15:00 -16:00	1.00	PUMP	3	PUMPED 2 ND INJECTION TEST ON STARPOINT PERFS 10924-25. Broke @ 5287 PSI @ 3.5 BPM. Pumped 6 min after break. Average pressure 4163. Average rate 3.4. Pumped 31.6 bbls. Dropped rate to 1 bpm 1600 psi. Set SL plug. Pressure built to 3000 psi. Watch pressure for 1 hr. Good.
	16:00 -16:30	0.50	WSI	3	Shut in for 48 hrs.
5/11/2008	-		WSI	2	48 hr DFIT shut in. SITP 3200 psi. No leaks on lubricator.
5/12/2008	7:00 -15:30	8.50	WSI	2	48 hr DFIT shut in.
	15:30 -16:30	1.00	POOH	1	Pull wire line plug. RD & release slick line.
	16:30 -17:30	1.00	POOH	1	Release PKR. TOOH w / PKR & Gauges.
	17:30 -18:00	0.50	WSI	3	Shut well in.
5/13/2008	- 9:00				Well open to pit. 0 psi No flow.
	9:00 -12:00	3.00	RDMO	1	RD floor. ND BOP stack. NU frac valve. Get ready for frac.
	12:00 -13:00	1.00	PERF	1	RU Perf O Log. Perf starpoint #3 10902-03. 4 holes. 10942-43. 4 holes. 10956-57 4 holes. 10976-77. 4 holes. 10990-91. 4 holes. DFIT holes 10924-25. 4 holes. RD & release Perf O Log.
	13:00 -14:00	1.00	WSI	3	No pressure change after perforating. Shut well in.
5/14/2008	7:00 -11:30	4.50	STIM	1	SICP 0 psi. RU frac equipment.
	11:30 -14:30	3.00	STIM	3	Frac Starpoint #3 Perfs 10902 to 10991;. 24 holes. Pumped 5067 bbls 2% kcl, 151079 lb 100 mesh & 30/50 mesh sand, 93.9 ton CO2. Broke @ 3360 psi. ISIP 2325 psi. See stim report for details.
	14:30 - 0:00	9.50	PROD	1	Open to tank on 22/64 choke 1600 psi.
5/15/2008	- 1:00		PROD	1	FCP 260 psi on 22/64 choke. Recovered 20 bbls last hr. 340 bbls total. Recovering light sand & frac fluid & CO2. No gas show @ this time.
	6:00 -18:00	12.00	PROD	1	1800 hrs. FCP 145 psi on 30 /64 choke. Recovering 15 to 40 BPH last 12 hrs. 766 bbls recovered. Surging CO2 & fluid. Open to 28/64 choke @ 1100 hrs. Fluid increasing Flowing steady. Open to 30.64 choke @ 1600 hrs. Still running steady. Holding 145 psi. No gas show @ this time.
	18:00 - 0:00	6.00	PROD	1	Flow well over night.
	1:00 - 6:00	5.00	PROD	1	0600 hrs. FCP 240 psi on 22/64 choke. Recovering 12 to 25 bph last 5 hrs. 440 bbls recovered. Recovering light sand, frac fluid & CO2. No gas show @ this time.
5/16/2008	- 1:00		PROD	1	0100 hrs. FCP 125 psi on 30/64 choke. Recovered 25 bbls last hr. No gas show @ this time. Recovered 951 bbls.

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Date	From-To	Hours	Code	Sub Code	Description of Operations
	12:00 -18:00	6.00	PROD	1	1800 hrs. FCP 120 psi on 30/64 choke. Recovering22 to 33 BPH last 6 hrs. Gas returns same as noon reading. 1403 bbls recovered. 3673 bbls left to recover.
	18:00 - 0:00	6.00	PROD	1	Flow well over night.
	1:00 -12:00		PROD	1	1200 hrs. FCP 135 psi on 30/64 choke. Recovering 20 to 35 BPH last 12 hrs. Unloading steadier stream of fluid. Slight gas increase. 1242 bbls recovered.
5/17/2008	- 1:00		PROD	1	0100 hrs. FCP 110 psi on 30/64 choke. Recovered 19 bbls last hr. light gas show. Recovered 1542 bbls.
	12:00 -18:00	6.00	PROD	1	1800 hrs. FCP 40 psi on 30/64 choke recovering 8 to 15 bph last 6 hrs. Very little gas. Recovered 1786 bbls.
	18:00 - 0:00	6.00	PROD	1	Flow well over night. Set up to run tbg in am.
	1:00 -12:00		PROD	1	1200 hrs. FCP 70 psi on 28/64 choke. Recovering 10 to 20 bph last 12 hrs. very little gas. Recovered 1727 bbls.
5/18/2008	- 7:00		PROD	1	0100 hrs. FCP 00 on 30/64 choke. Recovered 2 bbls last hr. 0300 hrs. Well dead open to 64/64 choke.
	7:00 -10:30	3.50	MIRU	1	ND top frac valve. NU bop stack. RU floor. TIH w/wire line entry guide. 1 jt 2-3/8 tbg, XN nipple, 1 jt, X nipple, & tbg to 5000'.
	10:30 -11:00	0.50	PUMP	4	Circulate hole w/ recovered frac water. No sand in returns. Lost 140 bls.
	11:00 -15:00	4.00	RIH	1	finish tripping in hole.tag fill @ 10949'. Pull above perfs to 10700'. Bottom 3 sets of perfs covered. RU to clean out sand in AM. RU flowline from tbg to tank.
	15:00 - 0:00	9.00	PRO		Left thg open to tank.
5/19/2008	- 7:00		PROD	1	Open to flowback tank over night. no gas or fluid recovered.
	7:00 - 9:30	2.50	DOP	2	RU swivel & foam unit.
	9:30 -11:30	2.00	DOP	2	Break circulation w/ air foam unit.
	11:30 -13:00	1.50	DOP	2	Run tbg w/ swivel . Pressures dropping. Start foaming. 30 ft above fill. Foam unit shut down oil pressure to booster bad. Down for repairs. Set pack swivel. Pull tbg to 10700'.
	13:00 -19:30	6.50	PROD	1	Well flowing. Recovered 408 bbls foaming & flowing. Well died & 1930 hrs. Opened tbg . TBG unloaded som fluid & died.
	19:30 - 0:00	4.50	PROD	1	Left tbg open to tank over night.
5/20/2008	- 7:00		PROD	1	Open to tank overnight. No flow.
	7:00 - 8:00	1.00	RIH	1	Run 6 jts. PU swivel. EOT above perfs.
	8:00 -10:00	2.00	PUMP	5	Break circulation w / air foam unit. Good returns after 2 hrs.Heavy fluid returns.
	10:00 -12:00	2.00	DOP	2	Tag sand @ bottom perf. Cleaned out sand from 10991 to 11094'. Circulate hole clean.
	12:00 -13:00	1.00	POOH	1	Set back swivel. Pull to dart valve. Pumped 25 bbls to kill tbg. set tbg to flow / swab to tank. EOT @ 10700'.
	13:00 -15:00	2.00	PUMP	5	Circulate down tbg to unload fluid & clean up back side.
	15:00 -16:00	1.00	PUMP	5	Pump down casing to start flowing through tbg. Pumped 1 hour. FTP 325 psi. SICP 1475
	16:00 - 0:00	8.00	PROD	1	FLow tg to tank. TBG pressure dropping . Casing increasing pressure. AS of 1800 hrs. FTP 6 psi. SICP 1680 psi. Recovered 8 bbls last hr. Pumped 205 bbls for day. Recovered 649 bls as fo 2000 hrs. 2566 bbls left to recover from frac. Moniter flow during night.
5/21/2008	7:00 -17:00	10.00	WELL	4	RU & swab well. Made 14 runs recovering 166 bbls swabbing & flowing after run. Fluid level first run @ 1600. Last run @ 1690. After run may flow from 1 min to 30 min. SICP 1850 to 1875 psi. Recovering heavy foam with fluid. Trace of sand.

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Date	From-To	Hours	Code	Sub Code	Description of Operations
	17:00 - 0:00	7.00	PROD	1	Left well open to tank. Unloading heavy foam to tank at times. Very little fluid being recovered. No tbg pressure. Casing @ 1875 psi.
	1:00 - 7:00		PROD	1	Open to tank. Recovered 10 bbls. Unloading light foamy fluid. No tbg pressure. SICP 1860 psi.
5/22/2008	7:00 -17:30	10.50	WELL	4	SICP 1875 psi. SITP 0 psi. Bled casing town to 1500 psi. 75 psi gain at end of day. Swab well. Made 17 runs. Recovered 217 bbls swabbing & flowing. Fluid level first run @ 1600'. Fluid last run @ 1100'. Stayed @ 1600'. most of day. Would flow 1 min to 30 min after run. No steady gas volume in fluid.
	17:30 - 0:00	6.50	PROD	1	Turn over to testers. Left open to tank over night.
	1:00 - 7:00		WSI	1	SICP 1875. No flow on tbg. Drain lines to keep from freezing. Shut tbg in.
5/23/2008	7:00 -17:00	10.00	WELL	4	TBG open to tank 0 psi. SICP 1575. No help swabbing w / 1575 on casing. Bled casing down to 0 psi. Moniter pressure build up. Swab well. Made 17 runs. Recovered 197 bbls. First run fluid @ 2300 ft. Last run fluid @1448ft. Well would flow 0 to 25 min after runs. Recovering foamy water. Very little gas after run. Casing building slow while swabbing. With well open to tank SICP increased from 325psi to 400 psi in 4 hrs. Well dead @ 2100 hrs.
	17:00 - 0:00	7.00	PROD	p	Left open to tank tbg & casing pressure & tbg for flow.
	1:00 - 7:00		PROD	1	Well open to pit . No flow on tbg. SICP 1575 psi.
5/24/2008	7:00 -18:00	11.00	WEL		SWab well. First run fluid @ 1600' Last run fluid @ 2380'. Recovered 215 bbls. May flow 0 to 20 min after run. Very low gas volume. Casing @ 400 psi most of day. No increase on casing pressure.
	18:00 - 0:00	6.00	PROD	1	Left open to tank over night. Flowed 2 hrs. recovering foamed water. TBG dead rest of night.
	1:00 - 7:00		PROD	1	TBG open to tank. 0 psi & flow. SICP425 psi.
5/25/2008	7:00 - 9:30	2.50	WELL	4	Made 4 runs. Fluid first run @ 2700'. Fluid last run @ 1700'. Recovered 49 bbls foamy fluid. would not flow after runs. Casing dropped from 475 to 440 psi.
	9:30 -14:00	4.50	POOH	1	RD swab. PU tbg & tag fill @ 11085. LD jts picked up. Pull tbg. Ready to run pkr tuesday morning.
	14:00 - 0:00	10.00	WSI	3	Shut well in for night.
	1:00 - 7:00		PROD	1	TBG open to tank. No flow on tbg. Casing built to 475 psi.
5/26/2008	-		WSI	2	Well shut in for weekend.
5/27/2008	7:00 -10:00	3.00	RIH	1	SICP 400 psi. Bled down 1 min. PU Team dowm hole HD pkr. TIH to 5000'. test pkr to 500 psi good. RIH to 10700' Set pkr & test pkr to 1000 psi.
	10:00 -12:30	2.50	CMT	1	Move in & rig up halliburton cementing services. Slick roades.

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Date	From-To	Hours	Code	Sub Code	Description of Operations
	12:30 -17:00	4.50	CMT	1	Injection rate 2.4 bpm @ 423 psi, Pumped 75 sx g cement w/ additives Pressure dropped to 40 psi pumping cement to perfs. 8.5 bbls in perfs. Stage last 5 bbls to top perf. tbg on vacume . Pumped to push cement into perfs. Get ready to pump cement. Pumped 10 bbl spacer. Injection pressure 1.5 bpm & 1000 psi. Pumped 25 sx neat cement. Clear tbg w/ 1 bbl fresd water below pkr. Stage cement 15 min. Lost 2 bbls to formation. pressured up to 50 psi. Release pkr & pull 10 stands. TBG stayed full. . Could not circulate. Pressured up to 1000 psi. Halliburton pressured up to 5000 psi. could not circulate. Bled pressure off. RD halliburton.
	17:00 -20:30	3.50	POOH	1	Pull pkr. TBG wet. Found 8+ jts & pkr full of cement. Rechecked figures. All figures correct. BBLS counter & tub volumes showed we had 1bbl more pumped than counter readings.
	20:30 -21:00	0.50	WSI	3	shut in for night.
5/28/2008	7:00 -10:30	3.50	RIH	1	SICP 0 psi. PU 3-3/4 drag bit. TIH & tag cement & 10690'. PU swivel.
	10:30 -12:30	2.00	CMT	3	Break circulation. Drill out cement from 10690 to 10863'. First 40 ft hard cement. Rest of cement soft drilling 30' in 5 min. Stop drilling cement 38' above top perf. Circulated hole clean. Set back swivel. Pulled 6 stands.
	12:30 -13:00	0.50	WSI	2	Shut in to let cement set up.
5/29/2008	7:00 - 9:30	2.50	CMT	3	SICP & SITP 0 psi. TIH w/ 6 stands. PU swivel. Drill out cement from 10865 to 10992'. Fell throught@ bottom perf.
	9:30 -10:00	0.50	CMT	4	Test squeeze on starpoint #3 to 2500 psi. Good test. 0 psi drop in 15 min.
	10:00 -13:30	3.50	POOH	1	Trip out w/ bit. Ready to set plug in AM.
	13:30 -14:00	0.50	WSI	3	Shut well in. Move equipment to make room for CO2 tanks & frac tanks.
5/30/2008	7:00 - 8:00	1.00	PROD	3	SICP 0 psi. ND stripping head.
	8:00 -12:00	4.00	PLUG	2	RU Perf o Log. Run gauge ring to 10900'. Run Weatherford 10 K composit plug & set @ 10870'. Run dump bailer. Dump 13 ft cement on plug. Test plug to 4000 psi. Good test.
	12:00 -13:00	1.00	WSI	3	Shut well in. To shoot Blackhawk #1 DFIT holes in AM.
5/31/2008	7:00 -10:00	3.00	PERF	1	SICP 0 psi. RU Perf O Log. Run 1 ft perf gun. Shoot Blackhawk DFIT perfs 10486-87 3 spf .35 dia holes. 23 gr. 120 deg phasing. 1-1/8 guns RD & release Perf O Log. 10 psi build up on casing after 30 min. Hole full of 2% kcl.
	10:00 -10:30	0.50	WSI	3	Shut well in.
6/2/2008	7:00 -10:00	3.00	RIH	1	SICP 0 psi. PU Perf sub & halliburton Gauges, Team HD PKR, 1 jt, 1.5 XN nipple. RIH w tbg to 10345'.Set & test pkr to 500 psi. Good test. Release pkr. Wait on halliburton.
	10:00 -14:30	4.50	WOT	6	Halliburton Pumping services on wrong location. 5 hrs away. Wait on pump trucks to arrive on location.

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Date	From-To	Hours	Code	Sub Code	Description of Operations
	14:30 -17:30	3.00	PUMP	3	RU halliburton. Acid pumper. Circulate hole @ 2 bpm w/ rig pump.Some gas cut fluid in returns. Pumped 145 bbls 2%KCL. Set PKR start rigging up slick line. Tested pkr to 1000 psi. PKR leaking. Pressure dropped to 300 psi. Reset pkr & retest to 1000 psi. Still leaking. Move up hole 1 jt. Set pkr & retest. Still leaking. Leak seems to be getting worse.
	17:30 -20:00	2.50	POOH	1	Pull pkr. Packer & elements in good condition. Packer will be disassembled this evening.
	20:00 -20:30	0.50	WSI	1	Shut well in for night.
6/3/2008	7:00 -10:00	3.00	RIH	1	SICP 0 psi. PU Halliburton Gauges, Team PKR, 1 jt 2-3/8 & 1.5 XN nipple. Run PKR to 5000 ft. Test PKR to 500 psi good test. Run PKR to 10345'.
	10:00 -15:00	5.00	PUMP	4	Circulate hole w/ 2% KCL @ 2BPM. Some gas in fluid on bottom. Set pkr & test to 1000 psi. Good test. RU Slick line. Test 10000# slick line lubricator to 8000 psi. Good test. RIH w/ slickline. Check XN nipple depth. Pull above XN nipple. Pump DFIT . Broke & 7486 psi. Pumped 19 bbls.average rate of 2.2 BPM. Pressure droppid from 7486 to 4500 psi during dfit. Dropped rate to 1 BPM Pressure dropped to 1400 psi. Set SL plug. TBG pressured up to 4188 psi. Casing @ 2177 psi After 1 hr shut in. RD & release Halliburton pumping services.
	15:00 -16:00	1.00	WSI	1	Well shut in for 48 hrs pressure build up.
6/4/2008	0:00 - 0:00	0.00	WSI	2	48 hr shut in DFIT test. Haul 4 loads 2% KCl for frac. Haul in 4 loads Co2. Road very slick. Raining & snowing all day. Mud getting deeper. Shut down water & CO2.
6/5/2008	14:00 -15:00	1.00	TOOL	4	SICP 2400 psi. SITP 850 psi. Pull Halliburton Plug. RD SL Release PKR.
	15:00 -17:30	2.50	POOH	2	Pull PKR & gauges.
	17:30 -18:00	0.50	WSI	2	Shut well in until 06-10-08 to perf rest of Blackhawk. Fill frac tanks.
6/6/2008	-		WSI	2	Well shut in until frac. Fill frac tanks.
6/7/2008	-		WSI	2	Well shut in until frac. Fill frac tanks.
6/8/2008	-		WSI	2	Well shut in until frac. Frac tanks full. 6 CO2 vessels on location. filling #4
6/9/2008	-				SICP 0 psi. Heating water for frac. Filling CO2 vessels.
6/10/2008	7:00 - 9:00	2.00	MIRU	1	SICP 0 psi. RD floor ND BOP stack. NU frac valve..
	9:00 -11:30	2.50	PERF	1	RU Perf O Log. Start in hole w/ guns. Fluid @ 1200 ft. @ 3300 ft slick in cable let bottom sheave drop kinking cable. Pulled out & cut line & re headed.
	11:30 -13:30	2.00	PERF	1	Perf blackhawk #1. 10770-71 6 holes, 10638-39 4 holes, 10603-04 4 holes, 10506-07 3 holes. DFIT holes 10486-87 3 holes already perforated. Pull guns. All shots fired. Shut well in. RD lubricator.
	13:30 -19:30	6.00	STIM	1	Frac crew moved in late afternoon. Problems w/ chemical. Chemicales to arrive mid afternoon tomorrow ?

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Date	From-To	Hours	Code	Sub Code	Description of Operations
6/11/2008	9:00 -20:30	11.50	STIM	1	Move some equipment on location & RU. Waiting on sand master & chemical to be delivered. Sand master arrived mid afternoon. Finish unloading sand trucks. Chemical sent from Texas arrived after 06:00 PM. Unload chemical. Move in & set up rest of frac equipment. Ready to frac Blackhawk #1 in AM.
6/12/2008	7:00 - 8:30	1.50	STIM	1	Finish rigging up frac crew. Prime up & test to 10000 psi. Safety meeting.
	8:30 -11:30	3.00	STIM	3	Frac Blackhawk #1
	11:30 -14:00	2.50	WOT	6	Wait on CO2 to be delivered.
	14:00 -17:30	3.50	PERF	1	First CO2 truck on location. Start in w/ wire line. Set Halliburton 10K FTP @ 10224'. Shoot Perfs 10010 to 10209/. 20 holes. Pull guns All shots fired. Drop 2-3/8 ball. Wait 20 min.
	17:30 -20:30	3.00	STIM	3	Pump 10 bpm to seat ball on plug. Question if ball is seated on plug. Pumped @ 25 BPM. pressured up to 5300psi. Drop rate to 10 bpm Start frac on the Blackhawk #2
	20:30 -23:00	2.50	STIM	1	RD frac crew. Turn over to flow back crew. 840 psi on casing. Flow back Blackhawk 1 & 2. flowing on 24/64 choke 620 psi. Recovering 1 to 1.5 BPM bpm. co2 to surface after 150 bbls.
	23:00 - 0:00	1.00	PROD	1	Flow well to tank.
6/13/2008	12:00 -18:00	6.00	PROD	1	FCP 470 psi on 26/64 choke. Recovering 39 to 48 BPH last 6 hrs. Light sand in returns. No real change Co2 & fluid returns. 1045 bbls recovered @ 1800 hrs. Left well flowing over night.
	0:00 - 1:00	1.00	PROD	1	FCP 600 psi on 24/64 choke. Recovered 43 bbls last hr. Light sand in returns.
	1:00 -12:00		PROD	1	FCP 540 psi on 26/64 choke. Recovering 33 to 54 BPH last 11 hrs. Light sand in returns.
6/14/2008	12:00 -18:00	6.00	PROD	1	FCP 390 psi. Recovering 43 to 51 BPL last 6 hrs. Trace of sand the last hrs. Flow well rest of night. 2100 bbls recovered as of 1800 hrs. 7212 bbls left to recover.
	0:00 - 1:00	1.00	PROD	1	FCP 400 psi on 26/64 choke. Recovered 42 bbls last hr. light sand in returns.
	1:00 -12:00		PROD	1	FCP 385 psi on 26/64 choke. Recovering 32 to 54 BPH last 11 hrs. LIght sand in returns. Check chok. & reset choke. Still recovering steady fluid. Not much change in CO2 with fluid. Pressure dropping slow.
6/15/2008	- 1:00		PROD	1	FCP 390 psi on 30/64 choke. Recovered 44 bbls last hr. Trace of sand.
	12:00 -18:00	6.00	PROD	1	FCP 290 psi. Recovering 54 to 62 BPH last 6 hrs. Pressures still dropping slow. Still recovering steady fluid. Recovered 3360 bbls as of 1800 hrs. 5953 left to recover. Left well flowing over night.
	1:00 -12:00		PROD	1	FCP 340 psi. on 30/64 choke. Reovering 38 to 63 BPH. last 12 hrs. Trace of sand. Pressures dropping slow. Open to 30 /64 to keep fluid moving.
6/16/2008	6:00 -12:00	6.00	PROD	1	FCP 260 psi. Recovering 37 to 54 BPH last6 hrs. Trace of sand.
	12:00 -18:00	6.00	PROD	1	Turned through separator. Gas flow 350mcf/d. Some burnable gas. Still a lot of CO2. Will not keep burning . Turn back to tank to recover water. 1800 hrs. FCP 280 psi on 30/64 choke. Recovering 38 to 51 BPH last 6 hrs. Pressures up & down between 240 & 280 psi. Flow well overnight.

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Date	From-To	Hours	Code	Sub Code	Description of Operations
	0:00 - 1:00	1.00	PROD	1	FCP 245 psi on 30/64 choke. Recovered 51 bbls last hr. Trace of sand.
	1:00 - 6:00	5.00	PROD	1	FCP 240 psi. on 30/64 choke. Recovering 38 to 54 BPH last 5 hrs. Pressures still droping slow. Still recovering fluid. Recovered 1275 bbls last 24 hrs.
6/17/2008	- 1:00		PROD	1	FCP 300 psi on 30/64 choke. Recovered 42 bbls last hr.
	12:00 -16:00	4.00	PROD	1	FCP 340 psi. on 30/64 choke. Recovering 47 to 63 BPH. Last 6 hrs. Sill have a lot of CO2. Flame dies out if igniter is turned off. Turned back to tank to recover water. Left flowing over night.
	1:00 -12:00		PROD	1	Pressures changing fron 240 to 315 psi. 1200 hrs FCP 315 ps on 30/64 choke. Recovering 38 to 68 BPH.last 11 hrs. Trace of sand.
6/18/2008	- 1:00		PROD	1	FCP 350 psi on 30/64 choke. Recovered 55 bbls last hr.
	12:00 -20:00	8.00	PROD	1	FCP 310 psi. Recovering 34 to 55 BPH last 8 hrs. Light sand. Flowing 569 mcf/d. Running steady on 34/64 choke through unit. Rate increasing last 6 hrs. (396 mcf/d to 569 mcf/d) Flow well over night.
	1:00 -12:00		PROD	1	Running through Breco unit. FCP 255 psi on 34/64 choke. Recovering 37 to 57 BPH last 11 hrs. Still have light sand. FLowing 413 mcf/d. Still recovering CO2. Flare will go out at times. Yellow flame at this time.
6/19/2008	- 1:00		PROD	1	CFP 375 psi on 34/64 choke. Recovered 44 bbls last hr. Flow rate @670 mcf/d.
	12:00 -18:00	6.00	PROD	1	CFP 265 psi on 34/64 choke. Recovering 33 to 51 BPH lasr 6 hrs. Flow rateDropping slow from 511 to454 mcf/d. Flare still burning steady. Still recovering some CO2. 8203 bbls recovered. 1109 bbls left to recover.
	1:00 -12:00		PROD	1	FCP 290 psi on 34/64 choke. Recovering 40 to 59 BPH last 11 hrs. Flow rate dropped steady from 670 to 511 mcf/d. 7931 bbls recovered.
6/20/2008	- 1:00		PROD	1	FCP 275 psi on 34/64 choke. Recovered 46 bbls last hr. Flowing 455 mcf/d.
	12:00 -18:00	6.00	PROD	1	FCP 240 psi on 34/64 choke. Recovering 38 to 43 BPH last 6 hrs. Flowing 398 mcf/d. Pressure & rate have increased slow last 3 hrs. 9246 bbls recovered. 66 bbls left to recover as of 1800 hrs. Flare has blue to yellow flame.
	18:00 -				Move in foam unit. Ready to run tbg & drill out plug in AM.
	1:00 -12:00		PROD	1	FCP 225 psi on 34/64 choke. Recovering 38 to 46 BPH. Flowing 374 mcf/d. Pressure & rate still dropping slow.
6/21/2008	7:00 - 9:00	2.00	MIRU	1	FCP 240 psi on 34/64 choke Spot in foam unit & swivel. ND frac valve. NU BOP stack. RU floor. Kill well w/ 50 bbls.
	9:00 -11:00	2.00	RIH	1	TIH w/ 100 stands 6541'.
	11:00 -13:30	2.50	PUMP	5	Break circulation w/ air foam unit.
	13:30 -14:30	1.00	RIH	1	TIH & tag plug @ 10224. PU swivel. Break circulation w/ foam unit. Drill out plug 8 min. Circulate clean.
	14:30 -				

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	14:30 -21:00	6.50	PUMP	5	Run tbg in hole. w/ swivel. tag sand @ 10620'. Bottom 2 perfs covered. (10638-39 & 10770-71) CO sand from 10620 to 10870. Circulate 30 min. Kill tbg set back swivel. TOOH to 9821. Pump down tbg w foam unit 30 min. Pump down casing to clean up back side 1 hour. Flow to tank through tbg on 40/64 choke. Pumped 271 bbls today. Recovered 656 bbls flowing.
	21:00 - 0:00	3.00	PROD	1	Turn over to testers. Flow to tank on 34/64 choke. Initial tbg psi 600. SICP 1500 psi
	0:00 - 1:00	1.00	PROD	1	FCP 290 psi. Recovered 45 bbls last hr. Flowing 464 mcf/d
	1:00 - 7:00		PROD	1	FCP 240 psi. Recovered 40 bbls last hr. Flowing 310 mcf/d
6/22/2008	- 7:00		PROD	1	FCP 000. Flowing to tank on 34/64 choke recovering 26 to 36 BPH last 7 hrs. SICP 1600 psi.
	7:00 -10:30	3.50	POOH	1	Kill tbg w. 20 bbls. Fkow casing to tank on 28/64 choke. Pull tbg. Casing dropped to 80 psi. Kill well & finish pulling tbg. LD bit.
	10:30 -12:00	1.50	RIH	1	PU wire line entry guide. 1 jt XN nipple 1.79 ID . Well flowing. Kill w 30 bbls. TIH w/ tbg. Tag @ 10830. PU swivel.
	14:00 -19:00	5.00	PUMP	5	Two hrs to get circulation.. Clean out sand to 10870'. .Circulate on bottom 30 min. Well flowing strong. Pull above perfs. EOT @9821'.
	19:00 -21:00	2.00	PUMP	5	RU to flow through tbg. Pump down casing to bring tbg around.
	21:00 - 0:00	3.00	PROD	1	Turn over to testers. FTP230 psi. SICP 1440 psi. Pumped 285 bbls Recovered 404 bbls as of 2100 hrs.
6/23/2008	- 8:00		PROD	1	FTP dropped from 80 psi tp o psi. Recovering 22 to 2 BPH . Last 3 hrs recovering 10 gal every 5 min.
	8:00 -10:00	2.00	PUMP	5	Circulate hole w foam unit. Pumped 50 bbls recovered 192 bbls.
	10:00 -14:00	4.00	PROD	1	FLow well. Casing @ 1550 psi. TBG dropped from 450 psi to 55 psi. Recovered 110 bbls. Fluid & pressure dropping fast.
	14:00 -16:00	2.00	RIH	1	Kill tbg w/10 bbls. Blow down casing to 800 psi. TIH & tag fill @ 10860'. Pull tbg. EOT @ 9821. Shut well in. Ready to run logs.
	16:00 - 0:00	8.00	WSI	2	Moniter shut in tbg & casing pressures.
6/24/2008	13:00 -17:00	4.00	PERF	1	Rig up slick line. Run 1.70 gauge ring. Tag fill @ 10844. Run RA log over Blackhawk # 1 & 2.
	17:00 -18:00	1.00	WSI	3	Shut well in. Check data. Release slick line.
	0:00 -13:00		WSI	2	Well shut in watiing on slick line. SICP525 psi. SITP 450.
6/25/2008	7:00 -10:00	3.00	POOH	1	SICP 545. SITP 460. Blow tbg & casing down. POOH w tbg. 305 jts 2-3/8 tbg.
	10:00 -12:30	2.50	PLUG	2	Rig up Perf O Log. Run gauge ring to 10300'. Run halliburton 8K 13.5# plug & set & 10260'. RD Perf O Log.
	12:30 -15:30	3.00	RIH	1	RIH w/ WL entry guide. 1 jt, XN nipple, 305 jts 2-3/8 tbg to 9821'.
	15:30 -18:00	2.50	WELL	4	RU to swab. Swab Blackhawk # 2. Made 5 runs recovering 30 bbls of gas cut fluid. First run fluid @ 1800'. Last run fluid @ 2000'. Left tbg open to pit. Light blow on casing. Turn over to testers.
6/26/2008	- 7:00		PROD	1	Open to tank on 26/64 choke. No fluid recovered. SICP built to 65 psi.

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	7:00 -18:00	11.00	WELL	4	Swab Blackhawk #2. Made 20 runs. Recovered 222 bbls. Fluid first run @ 3600'. Fluid last run @ 4000'. Well flowed after 6 different runs Flowing 5 to 22 min. No steady pattern on fluid levels or what run it would flow. Fluid levels from 2100 to 4100 ft. SICP 230 psi. Building slow during day.
	18:00 - 0:00	6.00	PROD	1	Left tbg open to tank on 26/64 choke.
6/27/2008	- 7:00		PROD	1	SICP 395 pai No pressure change. No fluid recovered.
	7:00 - 9:00	2.00			Sandline strands broke replacing flags.Pull off 400 ft of line. Repour rope socket. Install flags.
	9:00 - 5:00	20.00	WELL	4	SICP 395 psi. No flow on tbg. Swab well. Made 16 runs. Recovered 176 bbls. Fluif first run @ 3000. Fluid last run @ 2780'. 4 runs flowed 3 to 5 min after runs. 12 runs no flow after runs. Casing built slow from 395 to 475 in 10 hrs.
	5:00 - 0:00		PROD	1	Left open to tank on 26/64 choke over night.
6/28/2008	- 7:00		PROD	1	SICP 555 psi. No flow on tbg.
	7:00 - 9:00	2.00	WEL		RU swab. Made 4 runs. Fluid first run @ 2800'. Fluid last run @ 3400'. Recovered 37 bls. Casing stayed & 555 psi.
	9:00 -12:30	3.50	PUMP	4	RD swab. TIH & tag @ 10179'. Wash sand fron 10173 to 10244'. Bottom perf @ 10209. Lost 355 bbls circulating sand out.
	12:30 -15:00	2.50	POOH	1	Pull out w/ tbg.
	15:00 -18:30	3.50	RIH	1	PU 4-1/2 13.5# HD Team pke. Run in hole. Set pkr & test casing to 1000 psi. Pressure dropping slow. Test to 1500 slow leak. Move PHR up hole 1 jt Set @ 9625'. 18 bbls to fill casing. Retest to 1500 psi. Holding 1500 psi. Bled pressure down to 500 psi.
	18:30 - 0:00	5.50	WSI	3	Shut well in for night. Cement crew arrival time now @ 09:00 am..
6/29/2008	8:30 -10:00	1.50	WO		Wait for Halliburton to arrive.
	10:00 -12:00	2.00	CMT	1	RU Halliburton cement crew. Safety meeting held before starting job.
	12:00 -14:30	2.50	CMT	1	Test iron 5000 psi. Test casing 1500 psi. Injection rate 2 BPM @ 144 psi. Start cement 75 sks G cement w/ additives. Pumping 2 BPM. Drop rate to 1 BPM. cement @ perfs. Stage cement w/ cement @ end of tbg. Pressured up to 2800 psi. Release PKR & reverse tbg clean. No cement in returns. 40 sks in perfs 8.18 bbls.
	14:30 -15:30	1.00	POOH	1	Start out w/ tbg Lightning storm moving through canyon. Shut down for day. Eot @ 6850'.
	15:30 -16:00	0.50	WSI	3	Shut in for night w/ 500 psi on casing.
6/30/2008	7:00 - 9:00	2.00	POOH	1	SICP & TP 850 psi Expansion. Bled down no flow.
	9:00 -13:00	4.00	RIH	1	PU 3/3/4 chomp bit. RIH Stop above cement top. PU swivel. Run jts w/ swivel. Tag @ 9697'. 7.80 bbls in perfs. 39.5 sks.
	13:00 -18:00	5.00	CMT	3	Break circulation. Clean out cement from 9697' to 9918'. 221 ft. Hard cement. Circulate hole clean. LD 2 jts.
	18:00 -18:30	0.50	WSI	3	Shut well in.
7/1/2008	7:00 -14:00	7.00	CMT	3	SICP & TP 0 psi. Drill out cement from 9918 to 10209',

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Date	From-To	Hours	Code	Sub Code	Description of Operations
	14:00 -17:30	3.50	CMT	4	Circulate hole clean. Top 4 sets of perfs tested to 2500 psi. Bottom 2 perfs 10297 to 10209 ;leaking. Injection rate 1 bpm @ 1200 psi. SB swivel. LD 14 jts. TOOH. EOT @ 4206.
	17:30 -18:00	0.50	WSI	3	Shut well in.
7/2/2008	7:00 - 8:00	1.00	POOH	1	SICP & TP. 0 psi. Pull 4300 ft of tbg. LD bit.
	8:00 -10:30	2.50	RIH	1	Run tbg open ended. EOT @ 10212.
	10:30 -12:00	1.50			Rig up Halliburton cement services.
	12:00 -14:00	2.00	CMT	1	25 bbls to fill hole. Mix 25 sks class G cement. Start lead cement 1.4 bpm @370 psi. Increaseto 2.4 bpm @ 824 psi. Spot balenced cement plug From 10212 to 9824. Pull tbg slow. 21 jts EOT @ 9529'. Squeeze bottom perfs 10197 to 10209. 1.5 bbls in perf ? Max pressure 2500 psi on squeeze. Reverse tbg clean 70 bbls. RD & release Halliburton.
	14:00 -16:30	2.50	POOH	1	Pull tbg.
	16:30 -17:30	1.00	RIH	1	RUN in hole w/ 3-3/4 chomp bit. SHut down w EOT @ 5532.
	17:30 -18:00	0.50	WSI	3	Shut in for night.
7/3/2008	7:00 - 8:30	1.50	RIH	1	SICP & TP. 0 psi. RIH & tag cement & 9933'. PU swivel.
	8:30 -12:30	4.00	CMT	3	Break circulation. Drill out cement from 9933' to 10212'. 279 ft. Good cement. Fell through @ 10212'. RUn in to 10244'. Circulate tbg clean. (1.3 bbls cement in botton 2 sets of perfs.)
	12:30 -13:30	1.00	CMT	4	Test Blackhawk #2 . Good test to 2500 psi. No pressure drop in 15 min. Circulate Hole w/ clean water. Shut down for day.
	13:30 -14:00	0.50	WSI	3	Shut in for holiday Foam unit to be on location 07.05.08 to drill out plug & test Blackhawk #1.
7/4/2008	-				Shut down for holiday.
7/5/2008	7:00 - 8:30	1.50	RIH	1	SICP & TP 0 psi. TIH to plug. PU swivel.
	8:30 - 9:30	1.00	PUMP	5	Break circulation W/ air foam unit.Drill plug @ 10260.
	9:30 -11:30	2.00	RIH	1	RIH w/ swivel. Tag fill @10808. Clean out fill w/ air foam unit to 10863.
	11:30 -12:43	1.22	PUMP	5	Circulate well for 30 min. Well flowing 500 psi on 64/64 choke.
	12:00 -15:30	3.50	POOH	1	Set back swivel. pull EOT to 9919'. 91 ft above squeezed blackhawk #2 PERFS. Well still flowing 400 psi on 48/64 choke. Good returns. Pumped down tbg 30 min to help clean up back side. Pump down casing. Open tbg 1400 psi. Flow to tank. TBG pressure dropped to 100 psi. Unloading foam & water. Very little water in returns.
	15:30 -17:00	1.50	PUMP	5	Pump down backside w/ air foam unit. TBG flowing again unloading heavy fluid. Flowing steady on 48/64 choke. Drop choke to 36/64. Dhut down foam unit. Flowing to tank. Pumped 205 bbls Recovered 477 bbls.
	17:00 - 0:00	7.00	PROD	1	Turn over to testers.
7/6/2008	- 1:00		PROD	1	SICP 1310 psi. FTP 145 psi on a 36/64 choke Recovered 22 bbls last hr.

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	12:00 -13:00	1.00	PROD	1	Run through Breco seperator. SICP 1400 psi FCP 200 psi. Flow rate is up & down. with gas & fluids. Bled casing down to 1200 psi. Had good gas on backside after foaming. Pressure built back to 1400 psi.
	13:00 -18:00	5.00	PROD	1	SICP 1360 psi. FTP 110 psi. Flowing on 26/64 choke. Recovering 18 to 30 BPH last 5 hrs. Gas flow dropping from 326 mcf/d to 187 mcf/d. No steady gas readings. To much water with low gas rate. 1800 hrs recovered 802bbls.
	18:00 - 0:00	6.00	PROD	1	Flow well over night.
	1:00 -12:00		PROD	1	SICP1450 psi. FCP 180 psi. Flowing on 26/64 choke. Recovering 16 to 23 BPH.
7/7/2008	-19:00		PROD	1	SICP 1850 psi. FTP 0 psi w/ very light gas blow.
	-		PROD	1	Well started flowing. Watching flow close. Adjusting choke as needed to keep well flowing. Gas & water flow changing. No steady rate or flow @ this time. Flow well over night.
	-17:00		PROD	1	Run through Breco seperator. FTP 110 psi. SICP 1645 psi. Flow rate 132 to 154 mcf/d last 10 hrs. Flow rate increased to 446 mcf/d. Casing dropped to 1475 psi. Unloaded 26 bbls.TBG o psi. w/light gas blow.
	- 1:00		PROD	1	Flowing to tank on 28/64 choke. FTP 120 psi. SICP 1500 psi. Recovered 16 bbls last hr.
	- 7:00		PROD	1	Flowing to tank on 22/64 choke. FTP 145 psi. SICP 1575 psi. Recovering 11 to 20 BPH.
7/8/2008	6:00 -		PROD	1	0600 hrs. SICP 1760 psi. FTP 710 psi on 20/64 choke. Recovering 21 to 27 BPH.last 5 hrs. FLow Rate 762 mcf/d.
	12:00 -		PROD	1	1200 hrs. SICP 1725 psi. FTP 485 psi on 20/64 choke. Recovering 16 to 24 bbls last 8 hrs. Flow rate 701 mcf/d
	20:00 -		PROD	1	2000 hrs.SICP 1590 psi. FTP 525 psi on 20/64 choke. Recovering 16 to 27 bph last 4 hrs FLow rate 694 mcf/d. Recovering 1782 bbls as of 2000 hrs. Gas rate has been dropping slow last 20 hrs.
	1:00 -		PROD	1	0100 hrs. SICP 1710 psi FTP 575 psi. Recovered 27 bbls last hr. Flow rate 965 mcf/d.
7/9/2008	6:00 -12:00	6.00	PROD	1	SICP 1525 psi. FTP 390 psi on 20/64 choke. Recovering 16 to 23 bph. Changing choke size to help keep flow @ a steady rate. Flow rate 482
	12:00 -20:00	8.00	PROD	1	SICP 1570 psi. FTP 350 psi on 19/64 choke. Recovering 13 to 22 bph last 8 hrs. Flow rate 391 mcf/d. TBG psi & flow rate dropping slow. Water still staying around 20 BPH.
	20:00 - 0:00	4.00	PROD	1	Flow well over night.
	0:00 - 1:00	1.00	PROD	1	SICP 1560 psi. FTP 425 psi on 20/64 choke. Recovered 21 bbls last hr. Flow rate 564 mcf/d.
	1:00 - 6:00	5.00	PROD	1	SICP 1500 FTP 380 psi on 22/64 choke. Recovering21 to 25 bph last 5 hrs. Flow rate. 562 mcf/d.
7/10/2008	6:00 -12:00	6.00	PROD	1	SICP 1560 psi. FTP 220 psi Recovering 12 to 20 BPH. Flow rate 300 mcf/d. TBG loading w/ water.
	12:00 -14:00	2.00	PROD	3	Blow TBG down Recovering 40 bbls first 30 min. 90 psi on tbg flowing on 32/64 choke. Casing dropped 300 psi to 1250psi. Bled casing down. 1250 psi to 400 psi. Bled down quick. Pumped 70 bbls to kill well.
	14:00 -18:00	4.00	POOH	1	RIH & tag fill @ 10845'. BP @ 10771. Pull to kill string 3250'.
	18:00 -18:30	0.50	WSI	3	Shut in for night.

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	0:00 - 6:00	6.00	PROD	1	SICP 1560 psi. FTP 310 psi. Recovering 16 to 20 BPH last 6 hrs. Flow rate316mcf/d Pressure & flow rate droppinf slow.
7/12/2008	7:00 - 8:30	1.50	WOT	6	Wait on cement crew to arrive. Arrival time 0800
	8:30 -11:00	2.50	CMT	1	Move in & rig up cement crew. Held safety meeting.
	11:00 -12:00	1.00	CMT	1	Injection rate 3 bpm @ 1100 psi. Start cement. 6 bbls in perfs 435 psi pumping 1 bpm. 8 bbls in perfs. pumping .5 bpm @ 1050 psi. 11 bbls in perfs. Pumping .5 bbl @ 2450. Stage .5 bbl in perfs. Pressure & 2500 psi. Appx 11.5 bbls in perfs.
	12:00 -13:00	1.00	CMT	1	Release pkr. reverse cement to surface recovering appx 3/4 bbl. Pull 300 ft above cement top. Pressure up to 500 psi.
	13:00 -14:00	1.00	CMT	1	500 psi on squeeze. 0 psi drop in 1 hour.
	14:00 -17:00	3.00	POOH	1	Pull pkr.
	17:00 -18:00	1.00	RIH	1	Tubing @6465' 199 jts. in and 177jts. out,
	18:00 -18:30	0.50	WSI	3	SIFN
7/13/2008	7:00 - 8:30	1.50	RIH	2	Check for pressure on well. Open BOP's. TIH with tubing to top of cement.
	8:30 - 9:00	0.50	CMT	3	RU swivel. Tag cement @ 9942'
	9:00 -17:30	8.50	CMT	3	Kick in pump and break circ. Drill Cement from 9942' to10,277 '. Circ. 5 mins. between connections.
	17:30 -18:00	0.50	PUMP	4	Pump 60 bbls. and clean hole. Lay down two jts.
	18:00 -18:30	0.50	WSI	3	SIFN.
7/14/2008	7:00 - 7:30	0.50	RIH	1	Open well and pick up swivel. Pick up two jts. and tag cement at 10,277'.
	7:30 -10:45	3.25	CMT	3	Drill cement to 10.505'.
	10:45 -11:00	0.25	PUMP	4	Circ. 10 mins. and clean hole for test. Test casing to 2500psi for 5mins. Test good
	11:00 -13:45	2.75	CMT	3	Drill cement to 10,668'.
	13:45 -14:00	0.25	PUMP	4	Circ. well for 10 mins. and clean hole for test. Test casing to 2500psi. Test good.
	14:00 -15:30	1.50	CMT	3	Drill cement to 10,771'. Drilled through all perfs.
	15:30 -16:00	0.50	RIH	1	Picked up 2 jts. and it put us at 10,863', on top of 10k plug. Circ. well with 60bbls for 20mins. and tested well for 5mins to 2500psi. Test was good.
	16:00 -16:15	0.25	POOH	1	RD Swivel and make ready to TOOH.
	16:15 -17:00	0.75	POOH	1	Lay down 44 jts. on rack. This will make 72 on rack and leave 304 jts. in derreck.
	17:00 -19:10	2.17	POOH	1	TOOH with tubing
	19:10 -19:30	0.33	WSI	3	SIFN
7/15/2008	7:00 - 7:30	0.50	PLUG	1	Open well. RU Wireline.
	7:30 - 8:30	1.00	PLUG	1	RIH with wireline with junk basket to 9,950'. POOH with wireline. Run good, no junk.
	8:30 - 9:40	1.17	PLUG	1	Pick up setting tool and RIH with wireline and 10k Halliburton composite plug. Set plug at 9,900'. Tagged plug,set good.
	9:40 -10:00	0.33	POOH	1	POOH with wireline.
	10:00 -10:10	0.17	PLUG	1	Pick up cement bailer and one sack cement mixed.
	10:10 -10:20	0.17	PLUG	1	RIH with bailer to 9,900' and dump cement on plug.
	10:20 -10:30	0.17	POOH	1	POOH with wireline
	10:30 -10:45	0.25	POOH	1	RD wireline. Leave truck on location.
	10:45 -12:30	1.75	LOC	4	Service BOP's. Change out blind and pipe rams. Put on new door seals and greased all valves.
	12:30 -12:35	0.08	PUMP	1	Test plug set, casing and BOP's to 4500psi for 5mins. Test was good.

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	12:35 -13:00	0.42	WSI	3	Left 500psi on casing and shut in well for night.
7/16/2008	9:30 - 9:45	0.25	PROD	3	Open well and release 500psi off of casing. 500psi was left on well for seating in plug and cement.
	9:45 -10:30	0.75	PERF	1	RU Perf A Log
	10:30 -11:15	0.75	PERF	1	RIH and perforate Castlegate production zone at 9,780'-81', 9,770;-71',9,760'-61'. All guns shot.
	11:15 -12:00	0.75	PERF	1	RD Perf A Log.
	12:00 -14:30	2.50	RIH	1	TIH with Team Downhole Packer to setting depth of 9.600'.
	14:30 -14:45	0.25	TOOL	3	Set packer at 9,600'.
	14:45 -14:50	0.08	PUMP	1	Test packer to 1,000psi for 5mins. Test good.
	14:50 -16:45	1.92	WOT	2	Wait on Halliburton.
	16:45 -17:45	1.00	STIM	1	RU Halliburton. Start acid in the a.m.
	17:45 -18:00	0.25	WSI	3	SIFN
7/17/2008	7:00 - 7:15	0.25	PROD	3	Open well and ready for acid. Safety meeting.
	7:15 - 7:20	0.08	STIM	2	Load backside with KCL and put 1,000psi on casing.Pump 5bbls @ 5bbls min. and break down formation at 4672.
	7:20 - 7:25	0.08	STIM	2	Start acid. Watched acid hit and saw break Pump 2bbls and start balls. Pump 85gals. and dorp 5 balls, Did this four times.Total 20 balls Rate was 5bbls min.Watched all perfs seal. Ball out at 8,018 psi. Shut down for 20 mins.
	7:25 - 7:40	0.25	STIM	2	Waiting on psi to stablize. Watched Psi start dropping on tubing and increasing on casing. Started surge. RePressured tubing and casing pressure increased. Knew we had communication problems. RePressured again, same thing, surgred and did it again. Pipe and casing were communicating. Packer not holding or we have a collar leaking on the tubing.
	7:40 - 8:40	1.00	PUMP	3	Pump 60bbls. and flush tubing.
	8:40 - 9:00	0.33	TOOL	4	Unset packer. RD Halliburton
	9:00 - 9:15	0.25	RIH	1	RIH to 9,770' and knock off balls. POOH to 9600'
	9:15 -18:00	8.75	WELL	4	Rig up and start swabbing well. Swab back tubing and casing volumns, 126bbls. Well Had small suck when we started swabbing and gained upto 20psi while we swabed. Fluid level from 16:00 to 18:00 between 6,500'-8,600'. Left well open to tank for two hours and having flowback shut-in for two hours seeing if we gain fluid or pressure or both. Left well to flow back.
7/18/2008	7:00 - 7:15	0.25	PROD	3	Had 95psi on casing. Opened tubing and RU swab head.
	7:15 -18:00	10.75	WELL	4	Start swabbing well. Fluid level at 3,800'. Swab well down to 8,100'. We had 21 swab runs and brought back 94.25bbls of fluid. Hole so hot that it is melting the swab cups below 8,000'. I looked on the well log and it shows that the temp is +-200' in well bore. The fluid level in the tubing is dropping slowing which means that we are swabbing fluid from the tubing and the casing as well. The pressure on the casing is increasing from a steady 80psi to over 110psi as the level drops. See e-mail reports on swabbing runs e-mailed seperatly to Darren Kirkwood.
	18:00 -18:30	0.50	PROD	3	Shut in tubing and blow down casing. Casing had 120psi on it. It dropped to 0psi in 4mins. and was just fuming slightly. I left the casing open to the pit for the next four hours to see if we get any flow from the backside. The flow testers are going to shut in the casing after four hours and open back up the tubing. They are going to keep it open for two hours and shut in for two hours for the rest of the night. They are also going to record all pressure gains on the casing.
7/19/2008	7:00 - 7:15	0.25	WELL	3	Blow down well.
	7:15 -12:00	4.75	WELL	4	Swab well. Fluid level at 3,700'. Using two swab cups. Bringing back good fluid. We made 7 runs and brought back 62bbls of fluid tagging fluid on last run at 7,000'.
	12:00 -12:30	0.50	POOH	1	RD swab and make ready to POOH with tubing.

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	12:30 -16:00	3.50	POOH	1	POOH with tubing and packer. We are looking at all collars to be sure none are washed. Found two joints with bad collars,jts.17 and 40. Lay down jt. 40 because of bad end. Remove Team Packer.
	16:00 -18:00	2.00	RIH	1	Make up Team Packer and RIH for squeeze. Running rabbits through each stand, checking for pieces of swab cups. EOT at 3.363' with103 jts in hole.
	18:00 -18:30	0.50	WSI	3	SIFN. Finish RIH in a.m.
7/20/2008	7:00 - 7:15	0.25	PROD	3	Open well. 30psi on tubing and casing.
	7:15 - 9:45	2.50	RIH	1	TIH with tubing. Running rabbits through pipe to check for obstructions. No obstructions found
	9:45 -10:00	0.25	TOOL	3	Set Team Packer for squeeze @ 9.550'. RU Halliburton
	10:00 -10:45	0.75	TOOL	3	Test packer to 1,000psi. Not holding pressure.
	10:45 -11:15	0.50	TOOL	3	POOH with 5stds and retest packer. Still not holding. It could be either the packer or the tubing. Release Halliburton
	11:15 -11:45	0.50	POOH	2	TOOH with packer. Backups crimped 1 joint of pipe and collapsed it into. Layed down joint.
	11:45 -15:30	3.75	POOH	1	TOOH
	15:30 -16:15	0.75	RIH	1	Pick up BHA. Scrapper, sub, bit and seatting nipple, Dropped standing valve to test tubng with 20 stands in hole. Test good
	16:15 -17:00	0.75	RIH	1	RIH with 20 stands.Test tubing to 2,000psi. Test failed.
	17:00 -17:30	0.50	POOH	1	POOH with 5 stds. Test pipe to 2,00psi. Test failed
	17:30 -18:00	0.50	POOH	1	POOH with 5 stds. Test pipe to 2,00psi. Test good.
	18:00 -18:15	0.25	RIH	1	TIH with 1std. Test pipe . Test good
	18:15 -18:30	0.25	RIH	1	TIH with 1std. Test pipe. Test good
	18:30 -18:45	0.25	RIH	1	TIH with ! std. Test pipe Test failed. Found leak at joint #s 75 or 76.
	18:45 -19:00	0.25	WSI	3	SIFN
7/21/2008	7:00 - 7:15	0.25	PROD	3	Open well.
	7:15 - 8:15	1.00	WELL	4	RU sand line and reterive standing valve.
	8:15 -10:45	2.50	RIH	1	TIH with pipe and scrapper.
	10:45 -12:00	1.25	PUMP	4	Circ. hole after running scrapper
	12:00 -12:30	0.50	LOC	4	Spot flat trailer for laying down tubing.
	12:30 -14:30	2.00	LOC	4	Switch tongs on rig and make ready for laying down of tubing.
	14:30 -17:45	3.25	POOH	1	Start out laying down tubing on floats. Layed down 180 jts. This left 124 jts. in hole
	17:45 -18:00	0.25	WSI	3	SIFN
7/22/2008	7:00 - 7:15	0.25	PROD	3	Open well. No pressure
	7:15 - 8:00	0.75	POOH	1	Move old pipe from rack to float.
	8:00 -10:00	2.00	POOH	1	Lay down pipe on float. Total of 360 jts. going to Hazel Gultch yard in Parachute
	10:00 -11:00	1.00	RIH	1	Move floats with old tubing and spot in floats with new tubing.
	11:00 -11:30	0.50	RIH	1	Strap pipe and PU pipe off float. Put on Team Packer
	11:30 -12:30	1.00	RIH	1	Work on tongs. Torque not setting correctly. Torque to be set at 1,800ft lbs. Change out tongs
	12:30 -19:00	6.50	RIH	1	RIH with new pipe and Team Packer. Strap as we go. EOT is at 9,544.97 with KB and Packer.
	19:00 -19:30	0.50	WSI	3	SIFN
7/23/2008	8:00 -10:00	2.00	RIH	1	Unload the rest of the tubing on the rack and strap it. Move scrap pipe to edge of location and put it on sills.
	10:00 -12:00	2.00	TOOL	3	Set packer @ 9,544.97 and test to 1,00psi. Test did not hold. Layed down one joint and retested to 1,00psi. Test did not hold. Pick up two joints and reset packer @ 9,575.58'. Test to 1,00psi. Test no good, packer not holding.
	12:00 -12:15	0.25	WSI	3	SIFN
	12:15 -13:00	0.75	WOT	5	Wait on Halliburton. Finish strapping pipe.

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7/24/2008	-				
	7:00 - 7:15	0.25	PROD	3	Check pressures and open well. Both tubing and casing on slight vacumn.
	7:15 - 8:00	0.75	RIH	1	Pick up tubing and RIH to jiont #311, 9.788.39', which is 7.39' below bottom perf.
	8:00 - 8:45	0.75	WOT	2	Halliburton was to be on location at 0:600 this morning and ready to pump at 0:700. They are still not here.
	8:45 -11:00	2.25	STIM	1	RU Halliburton for squeeze. Have safety meeting. Test manifold to 5.00psi. Tset good
	11:00 -12:00	1.00	PUMP	4	Circ hole volume, 140bbls @ 2.3.bbls min, at 854psi
	12:00 -13:30	1.50	CMT	1	Pump 37.9bbl, 10bbls fresh water, 12.3bls 15.8lb cement for squeeze. Stopped pumpping after 27.9bbls away spotting cement at end of tubing. Shut down and knock off Halliburton connection and pulled 30' slowly to spot cement from 9,788.39' to 9,758.39, covering perfs. Stood back 2 stds. and hooked back up Halliburton and started pumping at 1bbl per min. Pressure was at 854psi and slowly gaining. Pressure hit 900psi and broke over, leveling our pressure out. We slowed to .5bbls and continued pumping, not seeing any indication of cement locking up. Reversed out, 60bbls, with Halliburton.
	13:30 -13:45	0.25	CMT	1	RD Halliburton.
	13:45 -16:00	2.25	POOH	1	Start out of hole with pipe.
	16:00 -18:30	2.50	RIH	1	RIH with Team Packer
	18:30 -18:45	0.25	TOOL	3	Set Team Packer @ 9,482'. This leaves us with 301jts in and 89jts out
	18:45 -19:00	0.25	TOOL	3	Test Team Packer to 1,00psi. Test good
	19:00 -19:30	0.50	WSI	3	SIFN
7/25/2008	-		CMT	1	
	7:00 - 7:15	0.25	PROD	3	Open well and check pressure.
	7:15 - 8:15	1.00	STIM	1	RU Halliburton
	8:15 - 8:30	0.25	STIM	1	Safety meeting
	8:30 - 8:45	0.25	STIM	1	Test manifold and estab. injection rate Test to 5244psi
	8:45 - 8:50	0.08	CMT	1	Start pad of 10bbl fresh water @ 1.3bbls min and 660psi
	8:50 - 8:56	0.10	CMT	1	Pump 6bbls neat @ 1.3bbl min and 903psi
	8:56 - 9:17	0.35	CMT	1	Pump 21bbls G @ 1.3bbls min and 506psi
	9:17 - 9:24	0.12	CMT	1	Shut down and let cement set
	9:24 - 9:57	0.55	CMT	1	Pump 42bbls neat and G cement @1.3bbls min. and 8psi. Started locking up and locked out at 2385lbs .Shut down Halliburton.
	9:57 -10:00	0.05	PUMP	4	Opened packer and started reverse out with cement. Took rig pump to 5000psi. Switched to Halliburton and went to 8363psi with no water back to surface.
	10:00 -13:30	3.50	POOH	1	Could not reverse circ pipe. Started out of hole with wet string full of Halliburton "neat" cement. Pulled 65stds and cement started setting up. Came on out of hole. RD Halliburton
	13:30 -16:00	2.50	WOT	6	Clean and grease rig tongs and slips. Wash off floor
	16:00 -16:15	0.25	RIH	1	TIH with 25std of cemented pipe to lay down on trailer
	16:15 -17:00	0.75	POOH	1	Lay down 50jts of cemented pipe on trailer
	17:00 -17:30	0.50	WSI	3	Put 250psi on well, not holding. Pumped 75 total bbls @4.5bbls per min, well on vacumn. SIFN
7/26/2008	7:00 - 7:15	0.25	PROD	3	Open well. No pressues
	7:15 - 7:45	0.50	RIH	1	RIH with cemented pipe to be layed down on float.
	7:45 - 8:30	0.75	Lay down tubing	1	Lay down tubing on float
	8:30 - 9:15	0.75	RIH	1	RIH with cemented pipe to be layed down on float.
	9:15 -10:00	0.75	Lay down tubing		Lay down tubing on float

Legal Well Name: State Reservation Ridge 42-2
Common Well Name: State Reservation Ridge 42-2 Spud Date: 10/24/2007
Event Name: COMPLETION Start: 12/24/2007 End:
Rig Release: Group:

Date	From-To	Hours	Code	Sub Code	Description of Operations
	10:00 -10:45	0.75	RIH	1	RIH with cemented pipe to be layed down on float.
	10:45 -11:30	0.75	Lay down tubing		Laydown tubing on float.
	11:30 -18:00	6.50	RIH	1	Drill cement out of ends of pipe with hand drill and clear pipe with rig pump to be sure of no restrictions left in pipe. cleared 15 stds.
	18:00 -18:30	0.50	WSI	3	SWIFN
7/27/2008	7:00 - 7:15	0.25	PROD	3	Check for pressure on well, 0psi, open well.
	7:15 - 7:45	0.50	RIH	1	RIH with pipe to lay down and clean ends,
	7:45 - 9:30	1.75	RIH	1	RIH with pipe off of the rack. 79jts.
	9:30 -10:30	1.00	POOH	1	POOH and stand back pipe picked up from rack so we can lay down and clean ends on pipe left in derreck.
	10:30 -13:45	3.25	Lay down pipe		Lay down pipe on rack to clean ends.
	13:45 -14:00	0.25	RIH	1	Picked up cleaned pipe and RIH
	14:00 -15:30	1.50	RIH	1	RIH with standing pipe in derreck
	15:30 -16:30	1.00	Lay down tubing		Lay down tubing to clean ends
	16:30 -16:50	0.33	RIH	1	Sort cement pipe from non cemented pipe
	16:50 -17:30	0.67	RIH	1	RIH with cleaned pipe
	17:30 -18:00	0.50	WSI	3	SIFN
7/28/2008	7:00 - 7:15	0.25	PROD	3	Check pressures and open well
	7:15 -11:30	4.25	RIH	1	Strap pipe and pick up tubing off of float.
	11:30 -12:30	1.00	RIH	1	RIH and tag @ 9355'
	12:30 -13:30	1.00	Lay down pipe in der		Lay down 26jts
	13:30 -14:00	0.50	RIH	1	TIH and tag cement @ 9355'
	14:00 -14:30	0.50	LOC	4	Pick up swivel
	14:30 -18:30	4.00	CMT	3	Drill out cement stringers. Wash down to 9,875', 94' below bottom perf. 520' total drilled.
	18:30 -19:00	0.50	PUMP	4	Circ bottoms up
	19:00 -19:30	0.50	POOH	1	Rack back swevil and pull 5stds
	19:30 -20:00	0.50	WSI	3	SIFN
7/29/2008	7:00 -10:00	3.00	POOH	1	Pull bit.
	10:00 -11:30	1.50	RIH	1	TIH open ended.
	11:30 -13:00	1.50	CMT	1	EOT @ 9781'. Bottom perf @ 9781'. Rig up Halliburton. Held safety meeting,.
	13:00 -14:30	1.50	CMT	1	Test to 3000 psi. Mix cement to 15.8 ppg. 6.1 bbls slurry. Pumped 1 bbl fresh water to fill lines. Well circulating no fluif loss during trip. Ready to start down hole w/ cement. Valve opened to mixing tank. Filled mixing tank w/ fresh water. Cement @ 12 ppg. Dumped cement. Pulling on water. Clutches failed on pump. Shut down to replace pump truck. No truck avaible until AM. Circulate tbg to pit to. No cement down tbg. Pull 5 stands. EOT above perfs.
	14:30 -15:00	0.50	WSI	3	Shut in for night.
7/30/2008	7:00 - 8:30	1.50	CMT	1	SITP & CP 0 psi. TIH w/ 5 stands. EOT @ 9781'. RU Halliburton to squeeze perfs. Pre job safety meeting
	8:30 - 9:00	0.50	CMT	1	Mix cement & addatives. Pump cement to EOT @ 1.5 to 2 bpm. SLow rate last 3 bbls. Shut down @ 35 bbls displacement Let cement equalize.

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Common Well Name: State Reservation Ridge 42-2 Spud Date: 10/24/2007
Event Name: COMPLETION Start: 12/24/2007 End:
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Date	From-To	Hours	Code	Sub Code	Description of Operations
	9:00 - 9:23	0.38	POOH	1	Pull 7 stands slow. Pull total 15 stands.
	9:23 - 9:38	0.25	CMT	1	1 bbl to fill hole. 180 psi. Pump 1.5 bbls in perfs. 250 psi. STage 5 min Pump .5 bbls in perfs. 500 psi. Stage 2 min. Pump .5 bbls in perfs 600 psi. Stage 2 min. Pressure up to 600 psi . 2 bbls cement in perfs. Pressure increased to 650 psi. Fluid heating up down hole. Shut down squeeze.
	9:38 -12:00	2.37	POOH	1	Bled down pressure. Pull out w/ tbg.
	12:00 -14:00	2.00	RIH	1	RIH w/ 3-3/4 drag bit. Shut down w/ EOT @ 7009'. Fill hole & pressure up to 200 psi.
	14:00 -14:30	0.50	WSI	3	Shut in for night.
7/31/2008	7:00 - 7:30	0.50	RIH	1	RIH & tag cement @ 9500'.
	7:30 -11:00	3.50	CMT	3	PU swivel. Drill out cement from 9500 to 9781'. 2 bbls cement in perfs.
	11:00 -12:00	1.00	CMT	4	Circulate clean . Test to 2500 psi for 15 min. Good test.
	12:00 -17:00	5.00	POOH	1	RD swivel. LD 45 jts. TOOH w/ Bit.
	17:00 -17:30	0.50	WSI	3	Shut well in. Set up to run plug & dumpbail cement.Sunday 8-3-08 Perf Monday. 08-04-08 Pump DFIT Tuesday morning.08-05-08
8/1/2008	-				Shut down waiting on Halliburton Slick line. Trucks not out of vernal. DFIT trucks now out of GJ. Set Frac date for the 14th of august first open date. Trucks out of GJ.
8/3/2008	12:00 -14:30	2.50	PLUG	2	SICP 0 psi. RU Perf O Log. Run 3.64 gauge ring to 9540'. Run Halliburton 10 K Composit plug & set @ 9530'.
	14:30 -15:30	1.00	PLUG	2	Dump bail 1 sack cement on plug. Pull Bailer. let cement set over night.
	15:30 -16:00	0.50	PUMP	1	Test plug to 4500 psi. Good test. Bled pressure down to 500 psi. Shut well in.
8/4/2008	7:00 - 8:00	1.00	PERF	1	Perf Blue Castle DFIT holes 5 hole 9360-62. RD Perf O Log
	8:00 - 8:00	0.00	RIH	1	PU Halliburton Gauges, Team down hole Arrow PKR. Run tbg in hole Strap tbg in.
	8:00 -13:30	5.50	PUMP		Set PKR @ 9275. Test to 500 psi. Good test. Release PKR.
	13:30 -14:30	1.00	WSI	3	Shut well in. Slick line & Pump truck to arrive in AM.
8/5/2008	7:00 - 9:00	2.00	PUMP	4	RU Halliburton SL & pumping services. Circulate hole W/ RIg pump & 2 BPM. No Gas in hole.
	9:00 -10:30	1.50	PUMP	3	Set Team down hole arrow PKR. Test casing to 1000 psi Good test. RU Sl to tbg Test lines to 8500 psi. Good test. Held Safety meeting. Break down DFIT perfs 9360-62. Broke @ 5408 psi. Good break. Pumping 3.9 bpm Pressure droped from 5408 to 3300 psi during job. Drop rate to 1.2 BPM. 1000psi. Set 1.5 slickline plug. Pressure up to 3300 psi on tbg. Shut down. Moniter tbg pressure for 1 hr. TBG pressure built to 4223 psi. RD Acid pumper. No leaks on SL lubricator.
	10:30 - 0:00	13.50	WSI	2	Shut well in for 48 hr FDIT test. Gauges to be pulled 8-7-08.
8/6/2008	0:00 - 0:00	0.00	WSI	2	48 hr shut in. SITO 4400 psi. No leaks.
8/7/2008	10:00 -11:30	1.50	PER		48 hr shut in. SICP 1250 psi. SITP 4376 psi. Blow tbg down. Pull SL plug. RD & release SL.

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Common Well Name: State Reservation Ridge 42-2 Spud Date: 10/24/2007
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Date	From-To	Hours	Code	Sub Code	Description of Operations
	11:30 -14:30	3.00	POOH	1	Blow Casing down. Release team PKR. Pull PKR & gauges. Good data on both gauges.
	14:30 -15:00	0.50	WSI	3	Shut well in. Ready to perforate rest of Blue Castle in AM.
8/8/2008	7:00 - 9:00	2.00	PERF	1	SICP 0 PSI. RU Perf O Log. Perf rest of Blue castle Shot center perf 10 ft deep. @ 9358-60 DFit perfs @ 9360-62. RD perf o log Fluid level 1200'.
	9:00 -12:00	3.00	RIH	1	PU Team down hole pkr. TIH to Set PKR @ 9090'. Test backside to 600 psi. Good test.
	12:00 -12:30	0.50	WSI	3	Shut well in. Ready for acid ball out in AM.
8/9/2008	7:00 - 9:30	2.50	PUMP	3	SITP. 0 psi. RU halliburton. Safety meeting. SICP 1000 psi. Test lines to 8500 psi. Fill tbg w/ 4.7 bbls. Injection test 3.1 bpm @ 2585 psi. Break @ 2585 psi. Start acid 15% HCL. @ 2 bpm dropping balls every 2 bbls. Increase rate to 4 bpm @ 2400 psi. Balls on perfs. Good ball action. 12 bbls in perfs. Balled out @ 7117 psi. Pressure dropped. Pumping in perfs @ 3942 psi 3.5 bpm. SD 20 min to let balls drop. Injection rate4.7 bpm @ 2832 psi. Shut down. ISIP 541 psi. 15 min 370 psi. RD halliburton.
	9:30 -11:30	2.00	RIH	1	Flow tbg to pit recovering 15 bbls. Release pkr. RIH to clean balls from perfs. Pull pkr to 9090' & set. RU to swab.
	11:30 -14:00	2.50	WELL	4	Made 6 runs recovering 33 bbls.
	14:00 -16:00	2.00	WOT	7	Shut down until lightning storm passed.
	16:00 -18:00	2.00	WELL	4	Made total of 11 runs recovering 62 bbls swabbing. 15 bbls flowing 77 bbls total. Fluid first run @ 800 ft. Last run fluif @ 5400 ft. Light gas last 3 runs.
	18:00 -18:30	0.50	WSI	3	Shut well in recording pressures each hr.
8/10/2008	6:00 - 7:00	1.00	PROD	3	Open up to tank. Bled down quick..
	7:00 -17:00	10.00	WELL	4	Made 12 runs. Fluid first run @ 2000'. Fluid last run @ 7000'. Recovered43 bbls. Light gas in fluid returns. No flow after runs. Last 5 runs 1 hr runs . Fluid @ 6800 to 8000'. 2.5 bbl average last 5 runs.
	17:00 -17:30	0.50	WSI	3	Shut in for pressure build up.
	0:00 - 6:00	6.00	WSI	1	Shut in for pressure build up. SITP 240 psi over night.
8/11/2008	7:00 -17:00	10.00	WELL	4	Made 11 runs Recovering 34 bbls for day. Fluid first run @ 4600'. Fluid last run @ 7600'. Fluid @ 7500' on 3 rd run. Recovering 1 to 2.5 bph last 9 runs. (1 hr runs.) Recovering gas cut fluid. Would not flow after run.
	17:00 -17:30	0.50	WSI	2	Shut in for pressure build up.
	0:00 - 7:00		WSI	2	Shut in for pressure build up. 270 psi @ 0600 AM
8/12/2008	7:00 - 8:00	1.00	WELL	4	Made 1 run. Fluid @ 4200'. Recovering 7 bbls of gas cut fluid. No flow after run.
	8:00 -10:30	2.50	POOH	1	Fill tbg w 2% kcl. Release pkr. Pull arrow pkr. Shut well in.

Operations Summary Report

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Common Well Name: State Reservation Ridge 42-2 Spud Date: 10/24/2007
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Rig Release: Group:

Date	From-To	Hours	Code	Sub Code	Description of Operations
	10:30 -13:00	2.50	STIM	1	RD floor. ND BOP,s. NU frac valve. RU part of frac crew. N2 trucks & 2 Pump trucks to arrive late afternoon. Protechnics to arrive in AM. 0800 am frac time.
	0:00 - 7:00		WSI	2	Shut in for build up. 210 psi @ 0600 am. Blow down to tank.
8/13/2008	7:00 - 8:30	1.50	STIM	1	Finish rigging up frac crew & nitrogen trucks. Held safety meeting
	8:30 -10:30	2.00	STIM	2	Frac Blue castle W/ N2. See stim report
	10:30 -21:00	10.50	PROD	1	SICP 1450 psi. Open to tank on 20/64 choke. 2 hrs pressure down to 1000 psi. Recovered 119 bbls. N2 dropping out of fluid. Pressure dropping. Could not keep well stable. Opened to 32/64. Good N2 & fluid returnd. Pressure dropping steady. 2100 hrs. 0 psi on casing recovering 1 bbl last hr. 271 bbls recovered .
	21:00 - 0:00	3.00	PROD	1	Left open to flowback tank checking pressure & returns each hr.
8/14/2008	9:00 -10:30	1.50	MIRU	1	ND frac valve. NU BOP stack. RU floor. Pumped 40 bbls down casing. DID not catch pressure. Casing on vacuum
	10:30 -14:30	4.00	RIH	1	RIH w/ wire line entry guide. Tag fill @ 9368. Pull above perfs to 8927'. RU to swab.
	14:30 -18:00	3.50	WEL		Swab Blue Castle #1. Made 8 runs. Recovering 76 bbls. Fluid first run @ 1400'. Last run @ 1300'. Recovering gas cut frac fluid. No flow after run. Sand in cups on 8 th run.
	18:00 - 0:00	6.00	PROD	1	Left open to tank over night. Recording hourly readings.
	0:00 - 9:00		PROD	1	Left well oprn to tank. 0 psi on casing well dead.
8/15/2008	7:00 -15:00	8.00	WELL	4	Swab Blue Castle #1. First run fluid @700'. Last run fluid @ 800'. Recovered 176 bbls. No flow on tbg. Casing on vacuum.
	15:00 -17:00	2.00	PROD	1	Well started unloading fluid. Not very strong. Sluging foamy fluid. 10 bbls first hr. Sand in returns. Casing starting to blow gas. 0 psi on casing. Left open to tank. Recovering 3 bbls 2 nd hr. Very weak at this time. Turn over to flow back crew.
	17:00 - 0:00	7.00	PROD	1	1800 hrs. SICP built to 75 psi. Unloaded 4 bbls last hr. Well dead @ 2100 hrs.
	0:00 - 7:00		PROD	1	0 psi on casing. No flow.
8/16/2008	7:00 -16:30	9.50	WELL	4	Swab Blue Castle @1. First run fluid @ 1300'. Last run fluid @ 200'. Recovered 234 bbls swabbing. Casing built to 220 psi.
	16:30 -20:00	3.50	PROD	1	Well tryed flowing last 3 swab runs. Light fluid returns after runs. 24th run of day. Flowing tbg 60 psi on 1" choke. Casing perssure building slow to 350 psi as of 04:30. TBG pressure 60 psi to 150 psi. Drop choke to 48/64. TBG 200 psi. Well flowing steady. Drop choke to 32/64 to control sand & fluid returns. Will adjust choke to control sand & & fluid rate during night. 2000 hrs FTP 310 psi. SICP 445 psi. Recovering 52 bbls last hr. Frac fluid. 968 bbls recovered. 1086 bbls left to recover.
	0:00 - 7:00		PROD	1	0 psi on tbg. 165 psi on casing. No flow over night.
8/17/2008	11:00 -12:00	1.00	WSI	2	Dropped soap sticks. Shut in until 1200 noon.

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Date	From-To	Hours	Code	Sub Code	Description of Operations
	12:00 -21:00	9.00	PROD	1	Open to pit. Unloading heavy foam. Recovering 1 bbl in 30 min. TBG has a very light blow. RUN in w/ swab. Swab / flow well until 1700 hrs. Flow to tank full open 64/64 choke. FTP 5 to 25 psi. Recovering 1 to 6 BPH. SICP built to 1550 psi. 1570 bbls recovered from frac. 484 bbls left to recover. 2100 hrs. No flow on tbg. Very light gas blow. TBG open to tank until midnight. will drop soap sticks if well is still dead @ midnight.
	0:00 -11:00		PROD	1	Open to flowback tank. Recovering 9 to 49 bph. TBG pressure & rate changing . Nothing steady. Well stopped flowing @ 1100 hrs. Casing buildin slow. SICP 1295 psi.
8/18/2008	7:00 -18:00	11.00	WELL	4	Fluid first run @ 1900 psi. SICP 1650 psi. Made 20 runs recovering 238 bbls swabbing & flowing. Last run fluid @ surface. SICP @ 1760 psi. last 4 runs flowing 5 to 20 min after run. Flowing average 15 psi on 64/64 choke. Pressure would peak between 20 & 30 psi. pressure & flow would drop down to a light blow. 1800 hrs well still flowing. low pressure & flow rate. TBG dead @ 2000hrs.
	18:00 - 0:00	6.00	PERF	1	TBG open to tank. no flow 1808 bbls recovered. 246 bbls left to recover.
	0:00 - 7:00		PROD	1	Open to tank. No flow to tank. 0 psi on tbg. Casing 1645 psi.
8/19/2008	7:00 -16:00	9.00	WELL	4	TBG open to tank. No flow. Made19 runs. First run fluid @ 1900'. Last run fluid @ surface. Recovered 207 bbls swabbing.
	16:00 -18:00	2.00	PROD	1	Well flowing after 19 run. Flowing 120 to 150 psi on 1' choke. Casing pressure dropped fron 1975 to 1600 @ 1800 hrs. Recovering 37 bbls last hr. Drop choke to 52.64 choke to help keep pressure. As of 1800 hrs 26 bbls over load. 2080 total bbls recovered. FTP 100 psi. SICP 1600 psi.
	18:00 - 0:00	6.00	PROD	1	FLowing to tank. Recording hourly readings.
	0:00 - 7:00		PROD	1	Open to tank over night. No flow on tbg. Casing built to 1825 psi.
8/20/2008	7:00 -16:00	9.00	WSI	2	Bled down casing to 1000'. Equalize to stripping head. PU 5 jts. Driveline seperated from right angle box. Shut rig down. Secure well. Line to bottom of hydromatic tank also broke. No way to plug tank. 200 gal antifreeze on ground. Contain & clean up spill. Spill stayed close to rig. nothing off location. Reportrd spill & breakdown Start repairs on rig.
	0:00 - 7:00		PROD	1	Will open to tank. No flow over night, Casing built to 1775.
8/21/2008	-				Shut down for rig repairs. Should be back running friday 8-23-08
8/22/2008	7:00 -12:30	5.50	WOT	6	Trouble replacing flange on right angle box. Finished repaires @ 1230
	12:30 -15:30	3.00	PUMP	5	RIH w/ tbg. Tag @ 9370 tbg lenght. PU swivel. Break circulation w/ air foam unit. Pumping 35 min. Developed leak on air foam unit. High pressure hyrarulic leak. Metal connection cracked. Parts will be delivered to location & repairs made tonight. Set back swivel. Pulled 5 stands. Shut well in.
8/23/2008	7:00 - 8:00	1.00	RIH	1	SITP 175 psi. SICP 100 psi. Blow down tbg & casing. TIH to top perf. PU swivel.
	8:00 -11:00	3.00	PUMP	5	Break circulation w/ air foam unit. 90 min to get returns. 2 hrs to get good foam. Run tbg w / swivel. Tag sand @ BP 9362'. Clean out sand from 9362' to 9520'.
	11:00 -12:00	1.00	PUMP	5	Circulate hole clean w/ air foam unit.

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Event Name: COMPLETION Start: 12/24/2007 End:
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Date	From-To	Hours	Code	Sub Code	Description of Operations
	12:00 -13:00	1.00	PUMP	4	Circulate hole w/ 2% kcl. 150 bbls.
	13:00 -14:00	1.00	POOH	1	RD swivel. Pull 16 jts & lay down. EOT @ 9010'.
	14:00 -15:30	1.50	LOG	1	RU Perf O Log. Run GR from 9520 to 9200'. POOH RD Perf O Log & release.
	15:30 -17:30	2.00	POOH	1	POOH. w/ tbg.
	17:30 -18:00	0.50	WSI	3	Shut in for night.
8/24/2008	7:00 -10:00	3.00	RIH	1	SITP 0 psi. SICP 0 psi. PU team pkr. RIH to 9027'. Set pkr. Test to 1000 psi Good test.
	10:00 -12:00	2.00	WOT	6	Cement crew to be on location Monday morning @ 0900 AM. Shut well in. Transfer water to work tank. Clean up location.
8/25/2008	9:00 -11:00	2.00	LOC	4	Halliburton cement crew on location @ 0900 AM. RU Halliburton. . Pressure up on casing 1000 psi.
	11:00 -11:30	0.50	PUMP	3	Start injection test 2 bpm @ 320 psi.
	11:30 -14:00	2.50	CMT	1	Pump 5 bbls fresh. 15.4 bls 15.8# cement slurry. With 7.5 bbls in perfs. Stagefor 5 min. . Stage 5.5 more bbls in perfs. Pressured up to 2500 psi. W/ 13 bbls in perfs. Release PKR reverse tbg clean. No cement in returns.
	14:00 -15:00	1.00	WSI	1	Pull 5 stands pressure up to 1000 psi.. Shut down 1 hour.
	15:00 -16:30	1.50	POOH	1	One hr shut in 1300 psi. Built 300 psi heat expansion. Bled well down. Pull Team PKR.
	16:30 -17:00	0.50	WSI	3	Fill hole pressureup to 500 psi. Shut in for night
8/26/2008	7:00 - 9:30	2.50	RIH	1	RIH w/ bit to 8970'.
	9:30 -13:00	3.50	CMT	3	PU swivel . Rotate from 8970 ' to 9120' Tag cement @ 9120'. DO cement to 9362' bottom perf. Cement hard 70 ft above top perf.
	13:00 -14:00	1.00	CMT	4	Circulate tbg clean.Test Blue Castle #1 perfs to 2500 psi 15 min. Good test.
	14:00 -15:00	1.00	PUMP	4	Circulated hole w/ clean 2% kcl. 139 bbls. Set back swivel.
	15:00 -17:00	2.00	POOH	1	Pull bit.
	17:00 -17:30	0.50	WSI	3	Shut in for night. Ready to set plug in AM.
8/27/2008	7:00 - 9:00	2.00	PLUG	1	RU Perf O Log. Run gauge ring.
	9:00 -12:30	3.50	PLUG	1	Run Halliburton 10K composit plug. Set pug @ 9310'. Dump bail 1 sack cement on plug. Plug tested to 4500 psi. Good test.
	12:30 -13:00	0.50	WSI	3	ND BOP stack. NU frac stack. Shut well in to let cement set.
8/28/2008	7:00 - 9:30	2.50	PERF	1	RU Perf O Log. RIH w/ 3-1/8 guns. Perd Bluecastle #2 9130 to 9242' 18 holes. Pull guns all shots fired. RD & release Perf O Log.
	9:30 -10:00	0.50	WSI	3	Shut well in. 08-30-08 frac date. Movein frac equipment 08-29-30. CO2 still being delivered.
8/29/2008	-				Frac Date 08-30-08 All co2 & sand on location. Halliburton will be on location mid afternoon. (Still on job south of vernal)
8/30/2008	-		WOT	2	Frac crew delayed. Frac set for 08-31-08. Roll tanks on location. CO2 & sand on site. Frac crew to arrive late evening.
8/31/2008	7:00 -10:30	3.50	STIM	1	Wait on frac crew to arrive. Finish rigging up frac equipment. Held safety meeting.

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Date	From-To	Hours	Code	Sub Code	Description of Operations
	10:30 -16:00	5.50	WOT	2	Did not frac today. Trouble getting pressure tested. Found valve leaking back to blender. Trouble getting CO2 pumps to prime..Fluid end leaking 1500 hrs. Found broken plunger rod on CO2 pump. 1800 hrs best time to deliver parts & repair pump. Popoff on CO2 tank started dumping vaper. Relief valve did not close after pressure dropped. Relief valve froze open. Have 300 ton for job. No product avaible for Tuesday. Will pump job @ 35 quality co2. Shut down for repairs. Push frac to 9-1-08 Best start tim 10:00 am.
9/1/2008	8:00 -11:00	3.00	STIM	1	Finish repairing truck. Trouble starting 1 truck & pressure testing 1 co2 pump truck.
	11:00 -13:30	2.50	STIM	3	Frac Blue Castle #2 Perfs 9130- to 9242'. 18 holes. See stim report.
	13:30 - 0:00	10.50	PROD	1	Open well to tank on 24/64 choke. 1500 psi @ 1330 hrs. Turn over to flowback crew. Pressure dropped to 400 psi. @ 1400 hrs. 2000 hrs. 825 psi on 24/64 choke. Recovered 22 bbls last hr. Heavy sand returns. 237 bbls recovered.
9/2/2008	6:00 -10:00	4.00	PROD	1	FCP 800 psi. on 24/64 choke. Gas breaking out of fluid. Open choke to 26/64. Steady flow of co2 & frac fluid.
	10:00 -14:00	4.00	PROD	1	Pressure dropped to 250 psi@ 1330 hrs. CO2 unloading to tank no fluid for 30 min. Opened to 32/64 to bring up water & keep pressure.
	14:00 -20:00	6.00	PROD	1	Pressure Slowly increased to 440 psi. Fluid 28 to 32 BPH. 888 bbls recovered
	20:00 - 0:00	4.00	PROD	1	Drop choke to 30/64 choke. Will change choke size as well conditions change.
	0:00 - 6:00	6.00	PROD	1	FCP 675 psi on 24/64 choke. Recovered 31 bbls last hr. 497 bbls total.
9/3/2008	6:00 -12:00	6.00	PROD	1	Trued to drop choke size down to keep a steady flow. Pressure & fluid rates dropped. Well surging. 1280 bbls reciveres as of 1200 hrs.
	12:00 -20:00	8.00	PROD	1	Opened to 30 choke. pressure still dropping. 1700 hrs opened to 32 choke pressures increased to 40 psi after 3 hrs. 1413 bbls recovered as of 2000 hrs. Still have heavy CO2 returns.
	20:00 - 0:00	4.00	PROD	1	FLow well to tank on 32 choke over night.
	0:00 - 6:00	6.00	PROD	1	Unloading frac fluid & CO2. Pressure dropping.over night. Pressure dropped from 460 to 405 psi in 6 hrs. 1167 bbls recovered as of 0600 hrs. Still have CO2 bring fluid back.
9/4/2008	8:00 -20:00	12.00	PROD	1	left well open to tank. No gas flow after 1000 am. dropped soap sticks @ 1500 hrs. well still dead @ 2000 hrs. Rig crew to be on location in AM to run tbg & swab.
	0:00 - 8:00		PROD	1	FCP dropped from 1300 psi @ midnight to 100 psi @ 0800 am. No fluid recovery after 0700 am. 1782 bbls recovered as of 0700.
9/5/2008	7:00 - 9:00	2.00	MIRU	1	Casing open to tank. No flow. Shut well in. ND frac valve. NU BOP stack. RU floor.
	9:00 -11:30	2.50	RIH	1	PU wire line entry guide. 1 jt, XN nipple. Run tbg in hole slow looking for sand bridge. No bridges found. Tag fill @ 9150. Top perf open. Bottom 2 perfs covered. Pull eot to 9014'.
	11:30 -13:00	1.50	WOT	6	Swivel to arrive late afternoon. Air foam unit to arrive 0700 am Saturday..
	13:00 -13:30	0.50	WSI	3	Shut well in. Transfer water in frac tanks. Start releasing frac tanks.

Legal Well Name: State Reservation Ridge 42-2
Common Well Name: State Reservation Ridge 42-2 Spud Date: 10/24/2007
Event Name: COMPLETION Start: 12/24/2007 End:
Rig Release: Group:

Date	From-To	Hours	Code	Sub Code	Description of Operations
9/6/2008	7:00 -19:00	12.00	WOT	6	Move in & rig up air foam unit. Rig would not build air. Crew by passed air dryer thinking it was bad. Attempted to start rig. Rig would turn over but would not start. Mechanic arrived @ 1600 hrs. Rig running @ 1830 hrs. Also found bad compressor. Compressor to be on location 0700 am. Should be running by 0800 hrs. Lsft well shut in. No pressure on casing.
9/7/2008	7:00 - 8:00	1.00	RIH	1	Run in hole to 9014'. PU swivel.
	8:00 -10:30	2.50	PUMP	5	Break circulation w/ air foam unit. Good foam @ 1030.
	10:30 -12:30	2.00	DOP	2	Clean out sand. 9150 to 9300'. Circulate hole clean.
	12:30 -13:30	1.00	POOH	1	lay down 2 jts w/ swivel. Set back swivel. LD tbg. .Pull to dart valve. Pump 25 bbls to kill tbg. RU to flow tbg. RU foam unit Use 25 bbls as a sweep .
	13:30 -14:30	1.00	PUMP	5	Circulate hole clean.
	14:30 -21:00	6.50	PROD	1	Flow well through tbg. FTP stable last 4 hrs 310 psi Recovering 38 to 51bbls last 4 hrs. SICP 1225 psi. 2592 total bbls recovered. 701 bbls left to recover as of 2100 hrs. *Still have good CO2 recovery. Very little gas recovery at this point.*
	21:00 - 0:00	3.00	PROD	1	Flow well over night.
9/8/2008	- 7:00		PROD	1	Well flowing to tank. Midnight to 0700 pressure dropping. Rate dropped last 2 hrs. Well dead @ 0700am.
	7:00 -10:00	3.00	WELL	4	Swab well. Made 06 runs recovering 45 bbls.
	10:00 -13:00	3.00	WELL	4	Rubber from swab cup stopping swab from going in hole.
	13:00 -15:00	2.00	POOH	1	Bled casing down to 1000 psi. pull 1300', of tbg. Run in sand line to 2500ft. Drift 22 stands back in hole. Found brass from swab pack off head. Checked pack off. Found bottom pack off brass was missing.
	15:00 -18:00	3.00	WELL	4	Replace brass in lubricator. RU to swab. Made 17 runs total. Recovering 111 bbls for day. Fluid level first run @ 2000'. Last run 3100'. Fluid level averaged 1500 ft. Still recovering gas cut fluid (CO2 / very little gas.)
	18:00 -18:30	0.50	WSI	3	Shut in for night.
9/9/2008	- 7:00		WSI	2	Shut in to build pressure.
	7:00 -17:00	10.00	WELL	4	SICP 925 psi. SITP 160 psi. RU & swab well. Fluid first run @ 1600 ft. Last run fluid @ surface. Solid fluid changing 800 to 1900 '. Recovered 182 bbls swabbing & flowing. Well would flow after some runs. Average fluid returns 5 gal in 2 min. Very weak flow. Very light gas in fluid. May flow 5 to 15 min. Still getting foamy fluid back. Casing built to 950 psi. 25 psi all day. 3266 bbls recovered. 23 bbls left to recover.
	17:00 -19:00	2.00	PROD	1	Well dead 15 min after last run 1710 hrs. Dropped soap sticks. Flowing @ 1750 hrs. Dead @ 1900 hrs. Recovered 11 bbls last 2 hrs. Left open to tank.
9/12/2008	7:00 - 8:00	1.00	LOC	4	SITP 0 psi. SICP 0 psi. RU air foam unit. PU swivel
	8:00 -10:00	2.00	PUMP	5	Break circulation w/ air foam unit.
	10:00 -12:00	2.00	DOP	2	Clean out fill from 9200 to 9300'.
	12:00 -13:00	1.00	PUMP	5	Circulate hole clean w/ air foam unit.
	13:00 -14:00	1.00	PUMP	4	Circulate hole w/ 2% kcl to kill well. Set back swivel. Pull EOT to 8795'.

Legal Well Name: State Reservation Ridge 42-2
Common Well Name: State Reservation Ridge 42-2 Spud Date: 10/24/2007
Event Name: COMPLETION Start: 12/24/2007 End:
Rig Release: Group:

Date	From-To	Hours	Code	Sub Code	Description of Operations
	14:00 -16:00	2.00	LOG	1	RU Perf O Log Run GR log over Bluecastle #2 perfs. RD Perf O Log.
	16:00 -18:00	2.00	POOH	1	Pull out w/ tbg.
	18:00 -18:30	0.50	WSI	3	Shut in for weekend.
9/13/2008	-				Waiting for cement trucks. Shut down for weekend
9/14/2008	-				Waiting on cement trucks. Shut down for weekend.
9/15/2008	7:00 - 9:00	2.00	RIH	1	SICP 0 psi. SITP 0 psi. RIH w/ team downhole pkr. Set PKR @ 8800'. Test to 1000 psi. Good test.
	9:00 -11:00	2.00	LOC	4	RU halliburton cementing services.
	11:00 -13:00	2.00	CMT	1	Squeeze bluecastle #2 perfs w/ 100sx G cement. Pumped 20.6 bbls cement slurry. Pumped 9 bbls in perfs. Stage next 7 bbls in perfs. 16 bbls in perfs. Last stage shut down @ 1000 psi. 4+ bbls left in casing.
	13:00 -14:00	1.00	CMT	1	Cement clear of pkr by 3 bbls. Pulled 10 stands. Circulate 1.5 tbg volume @ 2.2 BPM @ 500 psi. pressure up to 600 psi for 30 min.
	14:00 -16:00	2.00	POOH	1	Pull Team packer.
	16:00 -17:30	1.50	RIH	1	TIH w/ 3-3/4 chomp bit to 7031'. Left 500 psi on well over night.
	17:30 -18:00	0.50	WSI	3	Shut in for night.
9/16/2008	7:00 - 8:30	1.50	RIH	1	SITP & CP 500 psi. Bled TBG & casing down. TIH to 8800'. PU swivel. Run jts w/ swivel. Tag cement @ 8971'. 159'. cement above perfs.
	8:30 -16:00	7.50	CMT	3	Drill out cement fron 8971 to 9242'. Test squeeze to 2500 psi. 15 min test held 2500 psi. Do plugs @ 9310 & 9530.
	16:00 -16:30	0.50	PUMP	4	Circulate tbg clean. Test all perfs to 2500 psi.
	16:30 -18:30	2.00	POOH	1	Set back swivel Pull EOT above perfs to 9077'.
	18:30 -19:00	0.50	WSI	3	Shut well in for night.
9/17/2008	7:00 - 8:00	1.00			SIITP & CP 0 psi. TIH. PU swivel Break circulation.
	8:00 -16:30	8.50	DOP	4	Drill plugs @ 9900', 10260', 10870', 11110', & 11120'. Circulate TBG clean. Test all perfs to 2500 psi. Good test.
	16:30 -17:30	1.00	POOH	1	Set back swivel Pull EOT to 8984'.
	17:30 -18:00	0.50	WSI	3	Shut well in for night.
9/18/2008	7:00 - 8:30	1.50	RIH	1	SITP & CP 0 psi. RIH w/ 30 stands. Tag last plug @11274'. PU power swivel.
	8:30 -11:00	2.50	PUMP	5	Break circulation w/ air foam unit. Displace bad water to pit.
	11:00 -14:30	3.50	DOP	4	Pump 30 bbls 2% kcl to fill tbg. Cut top of plug. Plug released lost 20000 on weight indicator. Continue pumping fluid to keep pressure down. Pressure @ 2400 psi. Flow lower zone to let pressure drop. Drop pressures to 1400 psi. Work plug down hole. Clean out to 11654'. Sticking bit @ 11654'. Circulate clean.
	14:30 -17:00	2.50	POOH	1	Set back swivel. Pull EOT to 11246. RU tbg to manifold. Flow tbg.
	17:00 -		PROD	1	2400 hrs. FTP 1800 psi. SICP 2250 psi. Flowing 3.8 mcf/d on 22/64 choke. Recovering 1 to 6 BPH last 6 hrs. Simulated line pressure 587 psi.
9/19/2008	7:00 - 8:00	1.00	PROD	1	0800 hrs. FTP 1300 psi. SICP 1775 psi. FLowing 2.7 mcf/d on 22/64 choke.

Legal Well Name: State Reservation Ridge 42-2
Common Well Name: State Reservation Ridge 42-2 Spud Date: 10/24/2007
Event Name: COMPLETION Start: 12/24/2007 End:
Rig Release: Group:

Date	From-To	Hours	Code	Sub Code	Description of Operations
	8:00 -11:00	3.00	WELL	1	Problems with BOP connections. Could not reconnect hoses w/ 2000 psi on casing. Pumped 50 bbls to drop casing to 800 psi. Pumped 20 bbls to kill tbg. Change out BOP hose. Strip hanger in. Landing tbg EOT @ 0000'. RD floor ND bop stack.
	11:00 -13:00	2.00	WELL	1	Pumped 5 bbls to kill tbg. Pull TIW valve. NU tree. RU flowline from tbg to manifold.
	13:00 -13:30	0.50	WELL	4	RU swab. FLuid @ 150 ft. Pulled 400ft of fluid.
	13:30 -14:00	0.50	PROD	1	Unloaded 25 bbls swabbing & flowing. 1400 hrs FTP 1300 psi. SICP 1300 psi. Flowing on 20/64 choke.
	14:00 -23:00	9.00	PROD	1	Rig shut down for repairs. Changing right angle box & breaks. 2400 hrs FTP 1300 psi. SICP 1200 psi. Flowing 1.6 mcf/d on 20/64 choke. Simulated line pressure 469 psi.
	1:00 - 7:00		PROD	1	0700 hrs. FTP 1220 psi. SICP 1775 psi. Flowing 1.75 mcf/d on 22/64 choke
9/20/2008	-		PROD	1	0100 hrs. FTP 1275 psi. SICP 1200 psi. Flowing 1.78 mcf/d on 18/64 choke. Recovering 3 bbls last hr.
	-		PROD	1	1600 hrs FTP 1050 psi. SICP 1310psi. Flowing 1.38 mcf/d on 18/64 choke. Recovering 0 to 7 BPH last 12 hrs. Simulated line pressure 555 psi. 193 bbls recovered.
	-		PROD	1	0600 hrs. FTP 1200 psi.SICP 1350 psi. Flowing 1.59 mcf/d on 18/64 choke. Recovering 3 to 6 BPH last 5 hrs.
	-		PROD	1	2400 hrs. FTP 1025 psi. SICP 1280 psi. Flowing 1.29 mcf/d on 18/64 choke. Recobering 2 to 5 BPH last 6 hrs. Simulated line pressure 547 psi. 214 bbls recovered.
	-		RDMO	1	0700 to 1400 hrs rig repairs.. 1400 hrs start rigging down. 1700 hrs move rig off location Clean up location.
9/21/2008	-		PROD	1	0100 hrs. FTP 1000 psi. SICP 1250 psi. Flowing 1.28 mcf/d on 18/64 choke. Recovered 2 bbls last hr. 216 bbls recovered.
	-		PROD	1	Flowing over night.
	-		PROD	1	1800 hrs. FTP 925 psi. SICP 1190 psi. Flowing 1.1 mcf/d on 18l64 choke. Recovering 2 to 5 BPH last 12 hrs. 274 bbls recovered
	-		PROD	1	0600 hrs. FTP 980 psi. SICP 1240 psi. Flowing 1.19 mcf/d on 18/64 choke. Recovering 2 to 5 BPH last 5 hrs. 234 bbls recovered.
9/22/2008	-		PROD	1	0600 hrs. FTP 900 psi. SICP 1170 psi. Flowing 1.01 mcf/d on 18/64 choke. Recovering 2 to 5 BPH last 5 hrs. 311 bbls recovered.
	-		PROD	1	2400 hrs. FTP 900 psi. SICP 1200 psi. Flowing 1.06 mcf/d on 18/64 choke. Recovering 2 to 5 BPH last 6 hrs. Simulated line pressure 555 psi. 292 bbls recovered.
	-		PROD	1	0100 hrs. FTP 900 psi. SICP 1175 psi. Flowing 1.04 mcf/d on 18/64 choke. Recovering 2 bbls last hr. 294 bbls recovered.
	-		PERF	1	1800 hrs. FTP 875 psi. SICP 1160 psi. Flowing .948 mcf/d on 18/64 choke. Recovering 1 to 5 BPH last 12 hrs. 352 bbls recovered.
9/23/2008	-		PROD	1	0100 hrs. FTP 845 psi. SICP 1110 psi. Flowing .913 mcf/d on 18/64 choke. Recovered 1 bbl last hr. Flowing against 550 psi simulated line pressure. 374 bbls recovered. Average 3.3 BPH

Legal Well Name: State Reservation Ridge 42-2
Common Well Name: State Reservation Ridge 42-2 Spud Date: 10/24/2007
Event Name: COMPLETION Start: 12/24/2007 End:
Rig Release: Group:

Date	From-To	Hours	Code	Sub Code	Description of Operations
	-		PROD	1	0600 hrs. FTP 845 psi. SICP 1110 psi. Flowing .881 mcf/d on 18/64 choke. Recovering 2 to 5 BPH last 5 hrs. Simulated line pressure 555 psi. 390 bbls recovered. Average 3.3 BPH.
	-		PROD	1	2400 hrs. FTP 720 psi. SICP 1075 psi. Flowing .809 mcf/d on 18/64 choke. Recovering 1 to 5 bbls last 6 hrs. Simulated line pressure 557 psi. 447 bbls recovered
	-		PROD	1	1800 hrs. FTP 720 psi. SICP 1075 psi. FLowing .819 mcf/d on 18/64 choke. Recovering 2 to 5 BPH last 12 hrs. Both casing & tbg gauges were replaced with new gauges @ 1500 hrs. Simulated line pressure 572 psi. 430 bbls recovered
9/24/2008	-		PROD	1	0100 hrs. FTP 730 psi. SICP 1060 psi. Flowing .809 mcf/d on 18/64 choke. Recovered 3 bbls last hr. Simulated line pressure 557 psi. 450 bbls.
	-		PROD	1	0600hrs. FTP 720 psi. SICP 1060 psi. Flowing .770 mcf/d on 18/64 choke. Recovering 2 to 6 BPH last 5 hrs. Simulated line pressure 586 psi.
	-		PROD	1	2400 hrs. FTP 700 psi. SICP 1050 psi. Flowing .740 mcf/d on 18/64 choke. Recovering 1 to 5 bbls last 6 hrs. Simulated line pressure 544 psi. 527 bbls recovered in 7 days.
	-		PROD	1	1800 hrs. FTP 710 psi. SICP 1050 psi. Flowing .744 mcf/d on 18/64 choke. Recovering 1 to 5 BPH Last12 hrs. Simulated line pressure 558 psi. 508 bbls recovered.
9/25/2008	-		PROD	1	2400 hrs FTP 690 psi. SICP 1250 psi. Flowing .567 mcf/d on 18/64 choke. Recovering 3 to 8 BPH last 3 hrs. Flow rate increasing slow last 6 hrs. Simulated line pressure 541 psi. 618 bbls recovered.
	-		PROD	1	0600 hrs. FTP 700 psi. SICP 1040 psi. Flowing .701 mcf/d on 18/64 choke. Recovering 2 to 5 bbls last 5 hrs.
	-		PROD	1	0100 hrs. FTP 670 psi. SICP 1045 psi. Flowing .730 mcf/d on 18/64 choke. Recovering 3 bbls last hr. Simulated line pressure 544 psi. 530 bbls recovered.
	-		PROD	1	1800 hrs. FTP 670 psi. SICP 1100 hrs. Flowing .358 mcf/d on18/64 choke. Recovered 5 bbls last hr. *Pressure @ rate dropped. May be starting* to load up with water with lower pressures. Rate dropped to 350 mcf/d. Recovering 3 to 6 BPH.
	-		PROD	1	2100 hrs. FTP 660 psi. SICP 1200 psi. Flowing 437 mcf/d on 18/64 choke. Recovered 5 bbls last hr.
9/26/2008	-		PROD	1	0600 hrs. FTP 680 psi. SICP 1260 psi. Flowing .614 mcf/d on 18/64 choke. Recovering 3 to 5 BPH last 5 hrs. Simulated line pressure 540 psi. 645 bbls recovered.
	-		PROD	1	1800 hrs. FTP 700 psi. SICP 1175 psi. Flowing .617 mcf/d on 18/64 choke. Recovering 3 to 6 BPH last 12 hrs. Simulared line pressure. 555 psi. 701 bbls recovered. Flow rates stable @ .600 mcf/d. last 12 hrs.
	-		PROD	1	0100 hrs. FTP 675 psi. SICP 1240 psi. FLowimg .652 mcf/d on 18/64 choke. Recovered 5 bbls last hr. Simulated line pressure 546 psi. 623 bbls recovered.
	-		PROD	1	2400 hrs. FTP 680 psi. SICP 1200 psi. Flowing .586 mcf/d on 18/64 choke. Recovering 3 to 6 BPH last 6 hrs. Simulated line pressure 545 psi. 726 bbls recovered.

Legal Well Name: State Reservation Ridge 42-2
Common Well Name: State Reservation Ridge 42-2 Spud Date: 10/24/2007
Event Name: COMPLETION Start: 12/24/2007 End:
Rig Release: Group:

Date	From-To	Hours	Code	Sub Code	Description of Operations
9/27/2008	- 1:00		PROD	1	0100 hrs. FTP 675 psi. SICP 1175 psi. Flowing 584 mcf/d on 18/64 choke. Recovering 3 bbls last hr. Simulated line pressure 545 psi. 729 bbls recovered.
	6:00 -18:00	12.00	PROD	1	1800 hrs. FTP 640 psi SICP 1050 psi. Flowing .634 mcf/d on 18/64 choke. Recovering 2 to 6 BPH last 12 hrs. Simulated line pressure 542 psi. 795 bbls recovered.
	18:00 - 0:00	6.00	PROD	1	2400 hrs. FTP 650 psi. SICP 1050 psi. Flowing .584 mcf/d on 18/64 choke. Recovering 2 to 5 BPH last 6 hrs. Simulated line pressure 540 psi. 814 bbls recovered.
	1:00 - 6:00	5.00	PROD	1	0600 hrs. FTP 680 psi. SICP 1150 psi. Flowing .689 mcf/d on 18/64 choke. Recovering 3 to 6 BPH last 5 hrs. Simulated line pressure 541 psi. 751 bbls recovered.
9/28/2008	- 1:00		PROD	1	0100 hrs. FTP 640 psi. SICP 1050 psi. Flowing .614 mcf/d on 18/64 choke. Recovered 3 bbls last hr. Simulated line pressure 542 psi 817 bbls recovered.
	6:00 -18:00	12.00	PROD	1	1800 hrs. FTP 640 psi. SICP 1040 psi. Flowing .563 mcf/d on 18/64 choke. Recovering 2 to 5 BPH last 12 hrs. Simulated line pressure 541 psi. 866 bbls recovered.
	18:00 - 0:00	6.00	PROD	1	2400 hrs. FTP 640 psi. SICP 1040 psi. Flowing .550 mcf/d on 18/64 choke. Recovering 2 to 3 HPH last 6 hrs. Simulated line pressure 540 psi. 882 bbls recovered.
	1:00 - 6:00	5.00	PROD	1	0600 hrs. FTP 620 psi. SICP 1025 psi. Flowing .586 mcf/d on 18/64 choke. Recovering 2 to 3 BPH last 5 hrs. Simulated line pressure 539 psi. 831 bbls recovered.
9/29/2008	- 1:00		PROD	1	0100 hrs. FTP 635 psi. SICP 1225 psi. Flowing .556 mcf/d on 18/64 choke. Recovered 3 bbls last hr. Simulated line pressure 546 psi. 882 bbls recovered.
	6:00 -18:00	12.00	PROD	1	1800 hrs. FTP 640 psi. SICP 1025 psi. Flowing .533 mcf/d on 18/64 choke. Recovering2 to 5 BPH last 12 hrs. 938 bbls recovered last 12 hrs.
	18:00 - 0:00	6.00	PROD	1	2400 hrs. FTP 640 psi. SICP 1040 psi. Flowing .527 mcf/d on 18/64 choke. Recovering 2 to 3 BPH last 6 hrs. Simulated line pressure 550 psi. 954 bbls recovered.
	1:00 - 6:00	5.00	PROD	1	0600 hrs. FTP 650 psi. SICP 1025 psi. Flowing .516 mcf/d on 18/64 choke Recovering 3 to 5 BPH last 5 hrs. Simulated line pressure 550 psi. 902 bbls recovered.
9/30/2008	6:00 -18:00	12.00	PROD	1	1800 hrs. FTP 630 psi. SICP 1020 psi. Flowing .559 mcf/d on 18/64 choke. Recovering 2 to 3 BPH last 12 hrs. Simulated line presssure 543 psi 1003 bbls recovered. Flow back tank was cleaned between 10:00 & 1400 hrs. All sand transfered to pit.
	18:00 - 0:00	6.00	PROD	1	2400 hrs. FTP 600 psi. SICP 1025 psi. Flowing .512 mcf/d on 18/64 choke. Recovering 2 to 4 PH last 4 hrs. Simulated line pressure 534 psi. 1022 bbls recivered.
	0:00 - 1:00	1.00	PROD	1	0100 hrs. FTP 620 psi. SICP 542 psi. Flowing .540 mcf/d on 18/64 choke. Recovered 3 bbls last hr. Simulated line pressure. 542 psi. 957 bbls recovered.

Legal Well Name: State Reservation Ridge 42-2
Common Well Name: State Reservation Ridge 42-2 Spud Date: 10/24/2007
Event Name: COMPLETION Start: 12/24/2007 End:
Rig Release: Group:

Date	From-To	Hours	Code	Sub Code	Description of Operations
	1:00 - 6:00	5.00	PROD	1	0600 hrs. FTP 630 psi. SICP 1025 psi. Flowing .499 mcf/d on 18/64 choke. Recovering 2 to 3 BPH last 5 hrs. Simulated line pressure 547 psi. 970 bbls recovered.
10/1/2008	6:00 -18:00	12.00	PROD	1	1800 hrs. FTP 600 psi. SICP 1010 psi. Flowing .432 mcf/d on 18/64 choke. Recovering 2 to 3 BPH last 12 hrs. Simulated line pressure 536 psi. 1066 bbls recovered.
	18:00 - 0:00	6.00	PROD	1	2400 hrs. FTP 610 psi. SICP 1010 psi Flowing .382 mcf/d on 18/64 choke. Recovering 1 to 3 BPH last 6 hrs. Simulated line pressure 536 psi. 1095 bbls recovered.
	0:00 - 1:00	1.00	PROD	1	0100 hrs. FTP 660 psi. SICP 1040 psi. Flowing .402 mcf/d on 18/64 choke. Recovering 5 bbls last hr. Simulated line pressure 541 psi. 1027 bbls recovered.
	1:00 - 6:00	5.00	PROD	1	0600 hrs. FTP 620 psi. SICP 1010 psi. FLowing .394 mcf/d on 18/64 choke. Recovering 1 to 3 BPH last 5 hrs. Simulated line pressure 539 psi. 1039 bbls recovered.
10/2/2008	6:00 -18:00	12.00	PROD	1	1800 hrs. FTP 590 psi. SICP 1010 psi. Flowing .428 mcf/d on 18/64 choke. Recovering 0 to 5 BPH last 12 hrs. Simulated line pressure 531 psi. 1122 bbls recovered.
	18:00 - 0:00	6.00	PROD	1	2400 hrs. FTP 600 psi. SICP 1025 psi. Flowing .376 mcf/d on 18/64 choke. Recovering 1 to 4 BPH last 6 hrs. Simulated line pressure 545 psi. 1135 bbls recovered.
	0:00 - 1:00	1.00	PROD	1	0100 hrs. FTP 620 psi. SICP 1010 psi. Flowing .555 mcf/d on18/64 choke. Recovered 2 bbls last hr. Simulated line pressure 538 psi. 1081 bbls recovered.
	1:00 - 6:00	5.00	PROD	1	0600 hrs. FTP 645 psi. SICP 1015 psi. Flowing .497 mcf/d on 18/64 choke. Recovering 2 to 4 BPH last 5 hrs. Simulated line pressure 540 psi. 1095 bbls recovered.
10/3/2008	6:00 -18:00	12.00	PROD	1	1800 hrs. FTP 580 psi. SICP 1030 psi. Flowing .501 mcf/d on 18/64 choke. Recovering 2 to 4 BPH last 12 hrs. Simulated line pressure 552 psi. 1176 bbls recovered.
	18:00 - 0:00	6.00	PROD	1	2400 hrs. FTP 610 psi. SICP 1025 psi. Flowing .442 mcf/d on 18/64 choke. Recovering 0 to 4 BPH last 6 hrs. Simulated line pressure 544 psi. 1188 bbs recovered.
	0:00 - 1:00	1.00	PROD	1	0100 hrs. FTP 620 psi. SICP 1010 psi. Flowing .522 mcf/d on 18/64 choke. Recovered 4 bbls last hr. Simulated line pressure 540 psi. 1139 bbls recovered.
	1:00 - 6:00	5.00	PROD	1	0600 hrs. FTP 660 psi. SICP 1025 psi. Flowing .430 mcf/d. on 18/64 choke. Recovering 2 BPH last 5 hrs. Simulated line pressure 547 psi. 1149 bbls recovered.
10/4/2008	6:00 -18:00	12.00	PROD	1	1800 hrs. FTP 610 psi. SICP 1030 psi. Flowing .421 mcf/d on 18/64 choke. Recovering 2 to 3 BPH last 12 hrs. Simulated line pressure 547 psi. 1230 bbls recovered.
	18:00 - 0:00	6.00	PROD	1	2400 hrs. FTP 620 psi. SICP 1040 psi. Flowing .411 mcf/d on 18/64 choke. Recovering 2 to 4 BPH last 6 hrs. Simulated line pressure 568 psi. 1248 bbls recovered.

Legal Well Name: State Reservation Ridge 42-2
Common Well Name: State Reservation Ridge 42-2 Spud Date: 10/24/2007
Event Name: COMPLETION Start: 12/24/2007 End:
Rig Release: Group:

Date	From-To	Hours	Code	Sub Code	Description of Operations
	0:00 - 1:00	1.00	PROD	1	0100 hrs. FTP 630 psi. SICP 1040 psi. Flowing .439 mcf/d on 18/64 choke. Recovering 4 BPH last hr. Simulated line pressure 546 psi. 1192 bbls recovered.
	1:00 - 6:00	5.00	PROD	1	0600 hrs. FTP 610 psi. SICP 1030 psi. Flowing .434 mcf/d on 18/64 choke. Recovering 2 BPH last 5 hrs. Simulated line pressure 543 psi. 1202 bbls recovered.
10/5/2008	6:00 -18:00	12.00	PROD	1	1800 hrs. FTP 620 psi. SICP 1050 psi. FLowing .403 mcf/d on 18/64 choke. Recovering 0 to 5 BPH last 12 hrs. Simulated line pressure 557 psi. 1295 bbls recovered.
	18:00 - 0:00	6.00	PROD	1	2400 hrs. FTP 600 psi. SICP 1050 psi. Flowing .401 mcf/d on 18/64 choke. Recovering 0 to 5 BPH last 6 hrs. Simulated line pressure 540 psi. 1312 bbls recovered.
	0:00 - 1:00	1.00	PROD	1	0100 hrs. FTP 620 psi. SICP 1040 psi. Flowing .411 mcf/d on 18/64 choke. Recovering 3 bbls last hr. Simulated line pressure 567 psi. 1251 bbls recovered.
	1:00 - 6:00	5.00	PROD	1	0600 hrs. FTP 620 psi. SICP 1040 psi. Flowing .418 mcf/d on 18/64 choke. Recovering 1 to 3 BPH last 5 hrs. Simulated line pressure 560 psi. 1262 bbls recovered.
10/6/2008	6:00 -18:00	12.00	PROD	1	1800 hrs. FTP 630 psi. SICP 1080 psi. Flowing 377 mcf/d on 18/64 choke. Recovering 0 to 5 BPH last 12 hrs. Simulated line pressure 566 psi. 1361 bbls recovered.
	18:00 - 0:00	6.00	PROD	1	2400 hrs. FTP 610 psi. SICP 1100 psi. Flowing .390 mcf/d on 18/64 choke. Recovering 1 to 5 BPH last 6 hrs. Simulated line pressure 548 psi. 1377 bbls recovered.
	0:00 - 1:00	1.00	PROD	1	0100 hrs. FTP 600 psi. SICP 1060 psi. Flowing 401 mcf/d on 18/64 choke. Recovering 3 bbls last hr. Simulated line pressure 545 psi. 1315 bbls recovered.
	1:00 - 6:00	5.00	PROD	1	0600 hrs. FTP 600 psi. SICP 1075 psi. FLowing 398 mcf/d on 18/64 choke. Recovering 2 to 3 BPH last 5 hrs. Simulated line pressure 541 psi. 1328 bbls recovered.
10/7/2008	6:00 -18:00	12.00	PROD	1	1800 hrs. FTP 620 psi. SICP 1110 psi. Flowing .377 mcf/d on 18/64 choke. Recoverng 1 to 5 BPH last 12 hrs. Simulated line pressure 557 psi. 1428 bbls recovered.
	18:00 - 0:00	6.00	PROD	1	2400 hrs. FTP 600 psi. SICP 1100 psi. Flowing .374 mcf/d on 18/64 choke. Recovering 1 to 5 BPH last 6 hrs. Simulated line pressure 542 psi. 1447 bbls recovered.
	0:00 - 1:00	1.00	PROD	1	0100 hrs. FTP 610 psi. SICP 1075 psi. Flowing .389 mcf/d on 18/64 choke. Recovering 2 bbls last hr. Simulated line pressure 546 psi. 1379 BBLS recovered.
	1:00 - 6:00	5.00	PROD	1	0600 hrs. FTP 605 psi. SICP 1075 psi. Flowing .382 mcf/d on 18/64 choke. Recovering 1 to 5 BPH last 5 hrs. Simulated line presssure 546 psi. 1395 bbls recovered.
10/8/2008	6:00 -18:00	12.00	PROD	1	1800 hrs. FTP 620 psi. SICP 1125 psi. Flowing .365 mcf/d on 18/64 choke. Recovering 1 to 5 BPH last 12 hrs. Simulated line pressure 558 psi. 1502 bbls recovered.

Legal Well Name: State Reservation Ridge 42-2
Common Well Name: State Reservation Ridge 42-2 Spud Date: 10/24/2007
Event Name: COMPLETION Start: 12/24/2007 End:
Rig Release: Group:

Date	From-To	Hours	Code	Sub Code	Description of Operations
	18:00 - 0:00	6.00	PROD	1	2400 hrs. FTP 620 psi. SICP 1125 psi. Flowing .372 mcf/d on 18/64 choke. Recovering 1 to 4 BPH last 6 hrs. Simulated line pressure 561 psi. 1518 bbls recovered.
	0:00 - 1:00	1.00	PROD	1	0100 hrs. FTP 600 psi. SICP 1100 psi. Flowing .372 mcf/d on 18/64 choke. Recovering 1 bbl last hr. Simulated line pressure 541 psi. 1448 bbls recovered.
	1:00 - 6:00	5.00	PROD	1	0600 hrs. FTP 645 psi. SICP 1100 psi. Flowing .283 mcf/d on 18/64 choke. Recovering1 to 7 BPH last 5 hrs. Simulated line pressure 545 psi. 1465 bbls recovered.
10/9/2008	6:00 -18:00	12.00	PROD	1	1800 hrs. FTP 615 psi. SICP 549 psi. Flowing .370 mcf/d on 18/64 choke. Recovering 0 to 5 BPH last 12 hrs. Simulated line pressure 549 psi. 1571 bbls recovered.
	18:00 - 0:00	6.00	PROD	1	2400 hrs. FTP 615 psi. SICP 551 psi. Flowing .360 mcf/d on 18/64 choke. Recovering 1 to 6 BPH last 6 hrs. Simulated line pressure 551psi. 1592 bbls recovered.
	0:00 - 1:00	1.00	PROD	1	0100 hrs. FTP 610 psi. SICP 1110 psi. Flowing .353 mcf/d on 18/64 choke. Recovering 2 bbls last hr. SImulated line pressure 561 psi. 1520 bbls recovered.
	1:00 - 6:00	5.00	PROD	1	0600 hrs. FTP 620 psi. SICP 1120 psi. Flowing .350 mcf/d on 18/64 choke. Recovering 2 to 4 BPH last 5 hrs. Simulated line pressure 562 psi. 1353 bbls recovered.
10/10/2008	6:00 -16:00	10.00	PROD	1	1600 hrs. FTP 620 psi. SICP 1110 psi. Flowing .369 mcf/d on 18/64 choke. Recovering 1 to 5 BPH last 10 hrs. Simulated line pressure 555 psi. 1645 bbls recovered in 21 days. Well shut in @ 1600 hrs. Final report from Breco service @ 1600 hrs.
	0:00 - 1:00	1.00	PROD	1	0100 hrs. FTP 620 psi. SICP 1130 psi. Flowing.356 mcf/d on 18/64 choke. Recovering 3 bbls last hr. Simulated line pressure 550 psi. 1595 bbls recovered
	1:00 - 6:00	5.00	PROD	1	0600 hrs. FTP 620 psi. SICP 1110 psi. Flowing .364 mcf/d on 18/64 choke. Recovering 1 to 5 BPH last 5 hrs. Simulated line pressure 549 psi. 1613 bbls recovered.
10/11/2008	-				well shut in. waiting on rig. Schedule equipment for Monday afternoon.
10/12/2008	-				Well shut in. RIg to arrive Monday afternopon.
10/13/2008	7:00 -18:00	11.00	MIRU	2	Move rig from piecance creek Colo to argile canyon utah SRR 42-2. Spot in equipment. Rig up. SITP 2100 psi. SICP 2000 psi. Left well shut in over night.
10/14/2008	7:00 - 9:00	2.00	WELL	2	RU hard line to casing. Thaw casing valves & pump. 11deg. this morning. Pumped 150 bbls to kill well.
	9:00 -11:00	2.00	BOP	1	ND tree. NU BOP stack. RU floor. PUll hanger.
	11:00 -13:30	2.50	POOH	1	Pull tbg.
	13:30 -15:30	2.00	PLUG	2	RU Perf-O-log. RIH w/ halliburton 10K CIBP. Set plug @ 11390'.

Legal Well Name: State Reservation Ridge 42-2
Common Well Name: State Reservation Ridge 42-2 Spud Date: 10/24/2007
Event Name: COMPLETION Start: 12/24/2007 End:
Rig Release: Group:

Date	From-To	Hours	Code	Sub Code	Description of Operations
	15:30 -17:00	1.50	PUMP	1	Fill hole w/ 61 bbls. Pressure up on casing. 1500 psi pumping into perfs @ 2 bpm. Discussed options with denver before dump bailing cement on plug.
	17:00 -17:30	0.50	WSI	3	Drain equipment. Shut well in for night.

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

AMENDED REPORT ☐ (highlight changes) FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER: ML 48651
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME:
8. WELL NAME and NUMBER: State Resevation Ridge 42-2
9. API NUMBER: 4301333758
10. FIELD AND POOL, OR WILDCAT: Wildcat
11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 2 11S 11E
12. COUNTY: Duchesne
13. STATE: UTAH

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: Williams Production RMT

3. ADDRESS OF OPERATOR: 1515 Arapahoe St. Ste 1(CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 260-4504

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 2150' FNL & 787' FEL Per DKD review
AT TOP PRODUCING INTERVAL REPORTED BELOW:
AT TOTAL DEPTH: ~~2747~~ 2524 FNL & 1105' FEL

14. DATE SPUDDED: 10/24/2007
15. DATE T.D. REACHED: 12/9/2007
16. DATE COMPLETED: 9/18/2008 ABANDONED ☑ READY TO PRODUCE ☐
17. ELEVATIONS (DF, RKB, RT, GL): GL:8064'

18. TOTAL DEPTH: MD 12,018 TVD 11,996
19. PLUG BACK T.D.: MD 11,958 TVD 11,~~936~~ 894
20. IF MULTIPLE COMPLETIONS, HOW MANY? *
21. DEPTH BRIDGE PLUG SET: MD TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
Mud, PEX, CN, LD, AI, CBL, GR, CCL, Temp

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
14.75"	9 5/8 C-22	40	23	3,525		Premlt 987	228	CBL	
8.5"	4 1/2 P110	13.5	2,600	12,005		Premlt 1,948	524	CBL	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) Mancos	11,478			
(B)				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
11,448 11,607	.35	27	Open ☑ Squeezed ☐
			Open ☐ Squeezed ☐
			Open ☐ Squeezed ☐
			Open ☐ Squeezed ☐

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
	See attached treatment summary

29. ENCLOSED ATTACHMENTS:
☐ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☐ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☑ OTHER: Treatment list

30. WELL STATUS: TA

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(5/2000) (CONTINUED ON BACK)

31. INITIAL PRODUCTION

INTERVAL A (As shown in Item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
9/18/2008	9/18/2008	24			2,374	98	

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:
22/64	1,734	2,175						2,374	98	

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.)

Flare

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)
				North Horn	5,583
				Price River	7,491
				Blue Castle	9,032
				Castlegate	9,609
				Blackhawk	9,969
				Starpoint	10,917
				Mancos	11,478

35. ADDITIONAL REMARKS (Include plugging procedure)

See sundry notice for temporary abandonment.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Chris Medina TITLE Engineering Tech

SIGNATURE Chris Medina DATE 10-15-08

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

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OIL, GAS & MINING

(5/2000)

Summary of Treatment and Squeeze Activities

Depth Interval	Treatments and Squeezes
11448-11607	120 bbl HCL, 3398 lb 100 mesh, 50162 lb 40/70, 1400bbl H2O, 37 ton CO2
11176-11302	40 bbl HCL, 4162 lb 100 mesh, 78199 lb 30/50, 2899bbl H2O, 97 ton CO2
10902-10991	140 bbl HCL, 21312 lb 100 mesh, 129768 lb. 30/50, 5067bbl H2O, 93.9 ton CO2
10464-10785	36 bbl HCL, 153 lb 100 mesh, 123056 lb 30/50, 4528 bbl H2O, 210 ton CO2
9982-10212	36 bbl HCL, 12879 lb 100 mesh, 126167 lb 30/50, 4784 bbl H2O, 193 ton CO2
9760-9781	20 bbl HCL
9334-9362	12 bbl HCL (15%), 5144 lb 100 mesh, 69374 lb 30/50, 2054 bbl H2O, 1174220 cubic ft N2
9130-9242	36 bbl HCL (10%), 8405 lb 100 mesh, 160697 lb 30/50, 3119 bbl H2O, 265 ton CO2
11176-11302	15.4 bbl class G cement squeeze
9982-10212	15.4 bbl class G cement squeeze
10464-10785	15.4 bbl class G cement squeeze
9334-9362	15.5 bbl class G cement squeeze
10902-10991	20.5 bbl class G cement squeeze
9130-9242	20.5 bbl class G cement squeeze
9760-9781	32.8 bbl class G cement squeeze

Reservation Ridge State 42-2 – Directional Data.

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MD (ft)	Inc (°)	Azi (°)	TVD (ft)	N/S (ft)	E/W (ft)	V.Sec. (ft)	DLeg (°/100ft)
0	0	0	0	0	0	0	0
100	0.43	180.62	100	-0.4	0	0.3	0.43
120	0.23	239.06	120	-0.5	0	0.4	1.85
140	0.09	209.4	140	-0.5	-0.1	0.5	0.79
160	0.53	175.63	160	-0.6	-0.1	0.6	2.28
180	0.31	185.1	180	-0.8	-0.1	0.7	1.14
200	0.39	190.72	200	-0.9	-0.1	0.8	0.43
220	0.48	187.01	220	-1	-0.1	1	0.48
240	0.91	220.26	240	-1.2	-0.2	1.2	2.87
260	0.91	194.7	260	-1.5	-0.4	1.5	2.01
280	0.61	203.06	280	-1.8	-0.5	1.8	1.61
300	0.7	204.75	300	-2	-0.5	2	0.47
320	0.71	205.28	320	-2.2	-0.7	2.3	0.08
340	0.73	202.7	340	-2.4	-0.8	2.5	0.19
360	0.71	213.3	360	-2.6	-0.9	2.8	0.67
380	1.34	218.8	380	-2.9	-1.1	3.1	3.14
400	1.53	202.13	400	-3.4	-1.3	3.6	2.28
420	1.18	194.62	420	-3.8	-1.5	4.1	1.94
440	1.1	224.03	440	-4.1	-1.7	4.5	2.92
460	1.4	211.13	460	-4.5	-1.9	4.9	2.07
480	1.43	211	480	-4.9	-2.2	5.4	0.11
500	1.45	210.6	499.9	-5.3	-2.4	5.9	0.14
520	1.5	210.87	519.9	-5.8	-2.7	6.4	0.23
540	1.55	210.34	539.9	-6.2	-3	6.9	0.27
560	1.61	209.99	559.9	-6.7	-3.3	7.5	0.34
580	1.72	209.94	579.9	-7.2	-3.5	8	0.54
600	1.84	209.39	599.9	-7.8	-3.9	8.7	0.6
620	1.98	208.94	619.9	-8.3	-4.2	9.3	0.67
640	2.08	208.42	639.9	-9	-4.5	10	0.51
660	2.21	208.1	659.9	-9.6	-4.9	10.8	0.69
680	2.32	208.18	679.9	-10.3	-5.2	11.6	0.56
700	2.47	208.06	699.8	-11.1	-5.6	12.4	0.71
720	2.66	206.46	719.8	-11.9	-6	13.3	1.03
740	2.75	203.56	739.8	-12.7	-6.4	14.2	0.83
760	2.84	202.15	759.8	-13.6	-6.8	15.2	0.57
780	2.91	201.53	779.7	-14.5	-7.2	16.2	0.36
800	2.99	201.41	799.7	-15.5	-7.6	17.2	0.43
820	3.05	201.71	819.7	-16.5	-8	18.3	0.29
840	3.14	201.66	839.7	-17.5	-8.4	19.4	0.47
860	3.22	201.12	859.6	-18.5	-8.8	20.5	0.39
880	3.28	201.06	879.6	-19.6	-9.2	21.6	0.33
900	3.35	201.39	899.6	-20.7	-9.6	22.8	0.35
920	3.41	200.97	919.5	-21.8	-10	23.9	0.33
940	3.5	200.95	939.5	-22.9	-10.4	25.1	0.44
960	3.35	201.01	959.5	-24	-10.9	26.3	0.73
980	3.41	200.93	979.4	-25.1	-11.3	27.5	0.3
1000	3.47	201.17	999.4	-26.2	-11.7	28.7	0.31
1020	3.49	201.32	1019.4	-27.3	-12.2	29.9	0.11
1040	3.52	201.12	1039.3	-28.5	-12.6	31.2	0.12
1060	3.48	201.36	1059.3	-29.6	-13.1	32.4	0.21

1080	3.56	201.32	1079.2	-30.8	-13.5	33.6	0.41
1100	3.64	201.31	1099.2	-31.9	-14	34.9	0.39
1120	3.72	200.61	1119.2	-33.1	-14.4	36.1	0.46
1140	3.8	200.07	1139.1	-34.4	-14.9	37.4	0.44
1160	3.84	199.39	1159.1	-35.6	-15.3	38.8	0.31
1180	3.94	199.13	1179	-36.9	-15.8	40.1	0.52
1200	4.21	199.08	1199	-38.2	-16.2	41.5	1.35
1220	4.29	198.87	1218.9	-39.6	-16.7	43	0.37
1240	4.48	198.59	1238.9	-41.1	-17.2	44.5	1
1260	4.39	199.72	1258.8	-42.6	-17.7	46.1	0.65
1280	4.45	199.28	1278.7	-44	-18.2	47.6	0.35
1300	4.51	199.63	1298.7	-45.5	-18.8	49.2	0.35
1320	4.54	200.03	1318.6	-47	-19.3	50.7	0.2
1340	4.44	199.43	1338.6	-48.4	-19.8	52.3	0.53
1360	4.5	199.86	1358.5	-49.9	-20.3	53.8	0.34
1380	4.45	199.79	1378.4	-51.4	-20.9	55.4	0.24
1400	4.38	199.75	1398.4	-52.8	-21.4	56.9	0.39
1420	4.32	199.2	1418.3	-54.3	-21.9	58.5	0.36
1440	4.28	200.36	1438.3	-55.7	-22.4	59.9	0.47
1460	4.21	200.38	1458.2	-57.1	-22.9	61.4	0.39
1480	4.14	200.13	1478.2	-58.4	-23.4	62.9	0.35
1500	4.08	198.87	1498.1	-59.8	-23.9	64.3	0.52
1520	3.89	198.93	1518.1	-61.1	-24.4	65.7	1
1540	4.01	200.07	1538	-62.4	-24.8	67.1	0.72
1560	3.96	199.9	1558	-63.7	-25.3	68.4	0.23
1580	3.96	199.78	1577.9	-65	-25.8	69.8	0.04
1600	3.98	200.15	1597.9	-66.3	-26.2	71.2	0.14
1620	4.03	200.34	1617.8	-67.6	-26.7	72.6	0.29
1640	4.07	200.9	1637.8	-68.9	-27.2	74	0.28
1660	4.03	200.37	1657.7	-70.2	-27.7	75.4	0.27
1680	4.02	201.2	1677.7	-71.6	-28.2	76.8	0.3
1700	3.86	201.26	1697.6	-72.8	-28.7	78.2	0.8
1720	3.89	200.82	1717.6	-74.1	-29.2	79.5	0.19
1740	3.84	201.07	1737.5	-75.4	-29.7	80.9	0.24
1760	3.82	201.34	1757.5	-76.6	-30.2	82.2	0.14
1780	3.76	201.41	1777.4	-77.8	-30.6	83.5	0.31
1800	3.71	201.89	1797.4	-79.1	-31.1	84.8	0.29
1820	3.67	201.65	1817.4	-80.2	-31.6	86.1	0.22
1840	3.6	201.38	1837.3	-81.4	-32.1	87.4	0.36
1860	3.51	203	1857.3	-82.6	-32.5	88.6	0.67
1880	3.4	202.71	1877.2	-83.7	-33	89.8	0.55
1900	3.36	201.84	1897.2	-84.8	-33.4	91	0.32
1920	3.3	203.14	1917.2	-85.9	-33.9	92.2	0.48
1940	3.28	203.47	1937.1	-86.9	-34.3	93.3	0.17
1960	3.23	203.26	1957.1	-88	-34.8	94.5	0.24
1980	3.15	203.5	1977.1	-89	-35.2	95.6	0.41
2000	3.05	204.13	1997	-90	-35.7	96.7	0.5
2020	3.07	204.15	2017	-90.9	-36.1	97.7	0.07
2040	3.03	202.66	2037	-91.9	-36.5	98.8	0.44
2060	3.02	204.24	2057	-92.9	-37	99.8	0.42
2080	3	204.66	2076.9	-93.8	-37.4	100.9	0.17
2100	3	202.85	2096.9	-94.8	-37.8	101.9	0.47

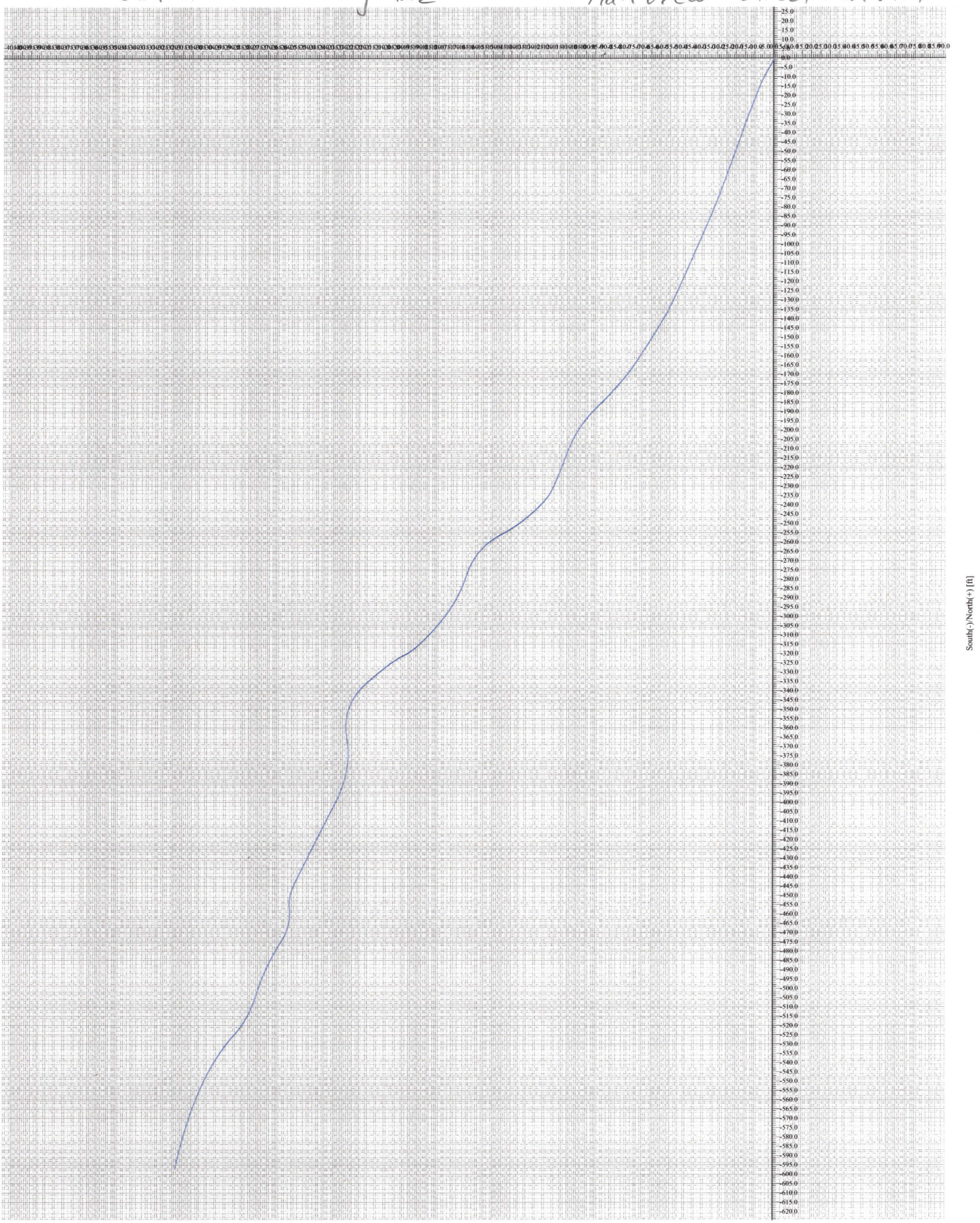
2120	2.9	202.19	2116.9	-95.7	-38.2	103	0.51
2140	2.92	203.56	2136.8	-96.7	-38.6	104	0.37
2160	2.81	202.9	2156.8	-97.6	-39	105	0.59
2180	2.9	203.45	2176.8	-98.5	-39.4	106	0.45
2200	2.87	204.02	2196.8	-99.4	-39.8	107	0.2
2220	2.96	204.22	2216.7	-100.4	-40.2	108	0.44
2240	2.9	202.81	2236.7	-101.3	-40.6	109	0.46
2260	2.86	203.62	2256.7	-102.2	-41	110	0.26
2280	2.89	203.62	2276.7	-103.1	-41.4	111	0.15
2300	2.88	202.18	2296.6	-104.1	-41.8	112	0.37
2320	2.86	202.71	2316.6	-105	-42.2	113	0.18
2340	3.03	203.41	2336.6	-105.9	-42.6	114.1	0.87
2360	3.03	203.54	2356.6	-106.9	-43	115.1	0.03
2380	3.01	204.23	2376.5	-107.9	-43.4	116.2	0.21
2400	2.98	203.58	2396.5	-108.8	-43.9	117.2	0.21
2420	2.96	203.98	2416.5	-109.8	-44.3	118.2	0.16
2440	3.01	203.84	2436.5	-110.7	-44.7	119.3	0.27
2460	3.07	203.74	2456.4	-111.7	-45.1	120.3	0.29
2480	3.14	203.8	2476.4	-112.7	-45.6	121.4	0.35
2500	3.16	203.7	2496.4	-113.7	-46	122.5	0.11
2520	3.17	203.87	2516.3	-114.7	-46.4	123.6	0.06
2540	3.18	203.9	2536.3	-115.7	-46.9	124.7	0.08
2560	3.2	203.98	2556.3	-116.7	-47.3	125.9	0.11
2580	3.2	203.96	2576.2	-117.8	-47.8	127	0.03
2600	3.19	204.15	2596.2	-118.8	-48.3	128.1	0.08
2620	3.21	204.63	2616.2	-119.8	-48.7	129.2	0.17
2640	3.29	203.94	2636.2	-120.8	-49.2	130.3	0.46
2660	3.24	203.63	2656.1	-121.9	-49.6	131.5	0.26
2680	3.3	203.72	2676.1	-122.9	-50.1	132.6	0.28
2700	3.37	202.95	2696.1	-124	-50.6	133.8	0.41
2720	3.29	204.79	2716	-125	-51	134.9	0.68
2740	3.28	205.46	2736	-126.1	-51.5	136.1	0.19
2760	3.4	205.36	2756	-127.1	-52	137.3	0.6
2780	3.4	205.76	2775.9	-128.2	-52.5	138.4	0.12
2800	3.43	206.19	2795.9	-129.3	-53.1	139.6	0.19
2820	3.48	206.15	2815.8	-130.4	-53.6	140.8	0.23
2840	3.49	205.66	2835.8	-131.5	-54.1	142.1	0.16
2860	3.52	207.56	2855.8	-132.5	-54.7	143.3	0.6
2880	3.57	206.59	2875.7	-133.6	-55.2	144.5	0.4
2900	3.69	204.26	2895.7	-134.8	-55.8	145.8	0.96
2920	3.58	207.84	2915.7	-135.9	-56.3	147	1.27
2940	3.68	208.78	2935.6	-137	-56.9	148.3	0.59
2960	3.75	209.79	2955.6	-138.2	-57.6	149.6	0.48
2980	3.8	209.93	2975.5	-139.3	-58.2	150.9	0.28
3000	3.78	211.12	2995.5	-140.5	-58.9	152.2	0.41
3020	4.05	210.34	3015.4	-141.6	-59.6	153.6	1.34
3040	4.12	211.04	3035.4	-142.9	-60.3	155	0.46
3060	4.17	211.01	3055.3	-144.1	-61.1	156.4	0.24
3080	4.12	210.98	3075.3	-145.3	-61.8	157.9	0.26
3100	4.25	211.36	3095.2	-146.6	-62.6	159.3	0.66
3120	4.33	211.28	3115.2	-147.9	-63.3	160.8	0.39
3140	4.42	211.48	3135.1	-149.2	-64.1	162.3	0.47

3160	4.48	211.83	3155.1	-150.5	-64.9	163.9	0.34
3180	4.48	211.86	3175	-151.8	-65.8	165.4	0.04
3200	4.4	211.99	3194.9	-153.1	-66.6	166.9	0.39
3220	4.39	212.29	3214.9	-154.4	-67.4	168.5	0.13
3240	4.39	212.5	3234.8	-155.7	-68.2	170	0.08
3260	4.39	212.74	3254.8	-157	-69	171.5	0.1
3280	4.4	213.15	3274.7	-158.3	-69.9	173	0.16
3300	4.29	213.12	3294.6	-159.6	-70.7	174.5	0.55
3320	4.11	213.57	3314.6	-160.8	-71.5	176	0.88
3340	4.04	213.34	3334.5	-162	-72.3	177.4	0.38
3360	3.9	213.37	3354.5	-163.1	-73.1	178.7	0.7
3380	3.78	213.45	3374.4	-164.2	-73.8	180.1	0.57
3400	3.68	214.06	3394.4	-165.3	-74.5	181.3	0.55
3420	3.58	214.13	3414.4	-166.4	-75.2	182.6	0.5
3440	3.51	214.75	3434.3	-167.4	-75.9	183.8	0.41
3460	3.35	216.27	3454.3	-168.4	-76.6	185	0.89
3480	3.38	219	3474.2	-169.3	-77.3	186.1	0.81
3915	3.3	225.9	3908.5	-188	-94.4	210.2	0.09
4424	3.6	200.2	4416.6	-213.2	-110.4	239.8	0.31
4930	1.4	208.9	4922.1	-233.5	-118.9	261.8	0.44
5404	3	229.7	5395.8	-246.6	-131.2	278.8	0.37
5712	3.5	242.3	5703.3	-256.2	-145.7	293.5	0.28
6214	3.5	197.7	6204.4	-277.9	-163.9	320.9	0.53
6715	3.9	221.1	6704.4	-305.3	-179.7	352.4	0.31
7214	1.6	245.5	7202.8	-321	-197.2	373.9	0.51
7722	4.1	228.5	7710.1	-336	-217.3	395.9	0.51
8228	4.1	170	8215.1	-365.8	-227.7	427.3	0.79
8703	5.1	207.1	8688.6	-401.3	-234.4	462.4	0.65
9178.9	6.1	206.1	9162.2	-442.8	-255.1	508.8	0.21
9336	4.1	174.4	9318.7	-455.9	-258.3	522	2.15
9626	3.8	212.1	9608.1	-474.4	-262.4	540.5	0.88
10127	3.5	197	10108.1	-503.1	-275.6	572.1	0.2
10592	2.7	222	10572.4	-524.8	-287.1	596.7	0.33
11928	4.3	192	11906	-597.2	-318.6	675.6	0.18

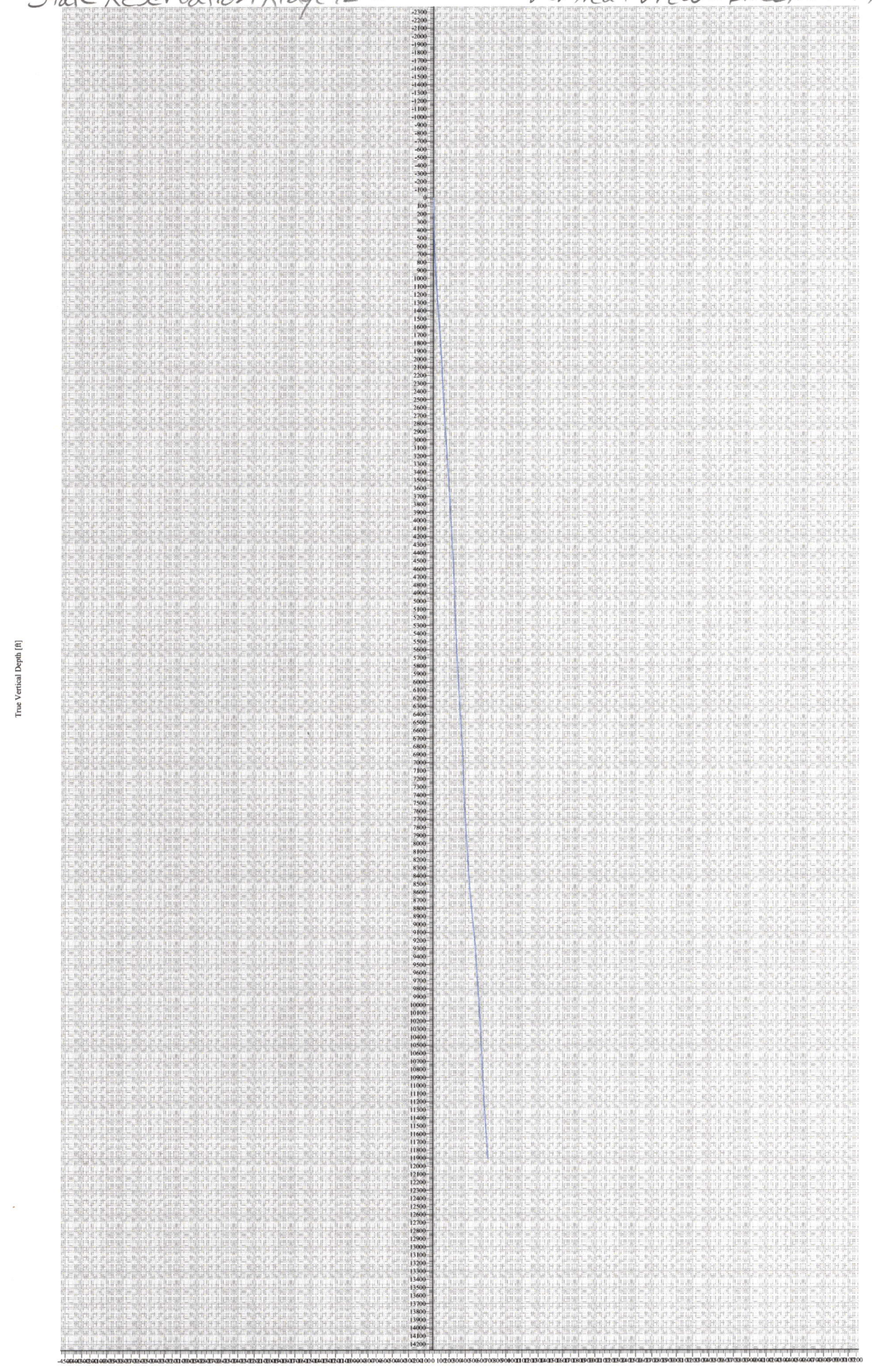
SRR 42-2/Wellbore #1

State Reservation Ridge 42-2

Plan View - Directional Plot



State Reservation Ridge 42-2 — Vertical View - Directional Plot



New Tech Engineering
600 17 th Street, Suite 2550 South
Denver, Colorado, 80202

May 16, 2008

Utah Department of Natural Resource
Division of Oil, Gas, and Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt lake City, Utah 84114-5801

Attn:Dustin Doucet
Petroleum Engineer

Ref: Sundry Notice of Final Legal survey plat of Surface & Bottom Hole Location
State Reservation Ridge 42-2 Well
API # 43-013-33758
SENE Sec. 2, T11S, R11E
Duchesne County, Utah

Dear Mr. Dustin Doucet

Please find attached for the reference well the legal survey plat of the surface and bottom hole location as per our request.

The above reference well is currently shut in waiting for completion. Once William's is able to get completion equipment into site they will start completion, their engineer in charge of completion is Darren Kirkwood at 303-606-4374 or his email address at darren.kirkwood@williams.com.

Please find enclosed all pertinent data on the above reference well and if there are any questions or problems please call me (303-941-7751) or email me at bpatterson@newtecheng.com .

Thank you for all our help.

Sincerely,

Bruce M. Patterson
Chief Engineer w/ New Tech Engineering
Permit Agent for Williams Production RMT Company

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER: ML 48651

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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.

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER

8. WELL NAME and NUMBER: State Reservation Ridge 42-2

2. NAME OF OPERATOR: Williams Production RMT Company

9. API NUMBER: 013-33758

3. ADDRESS OF OPERATOR: 1515 Arapahoe Street CITY Denver STATE CO ZIP 80202

PHONE NUMBER: (303) 606-4280

10. FIELD AND POOL, OR WILDCAT: Wildcat

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 2150' FNL & 786' FEL

COUNTY: Duchesne

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 2 11S 11E

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☑ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion: 12/11/2007	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Final Legal survey Plat
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The drilling of the above well occurred between Oct. 20 to Dec. 11, 2007 and the well bore path had a directional survey completed. Please find attached the final legal survey plat for the surface and bottom hole location of the State Reservation Ridge 42-2-11S-11E.

NAME (PLEASE PRINT) Bruce M Patterson TITLE Permit Agent for Williams Production RMT Co.

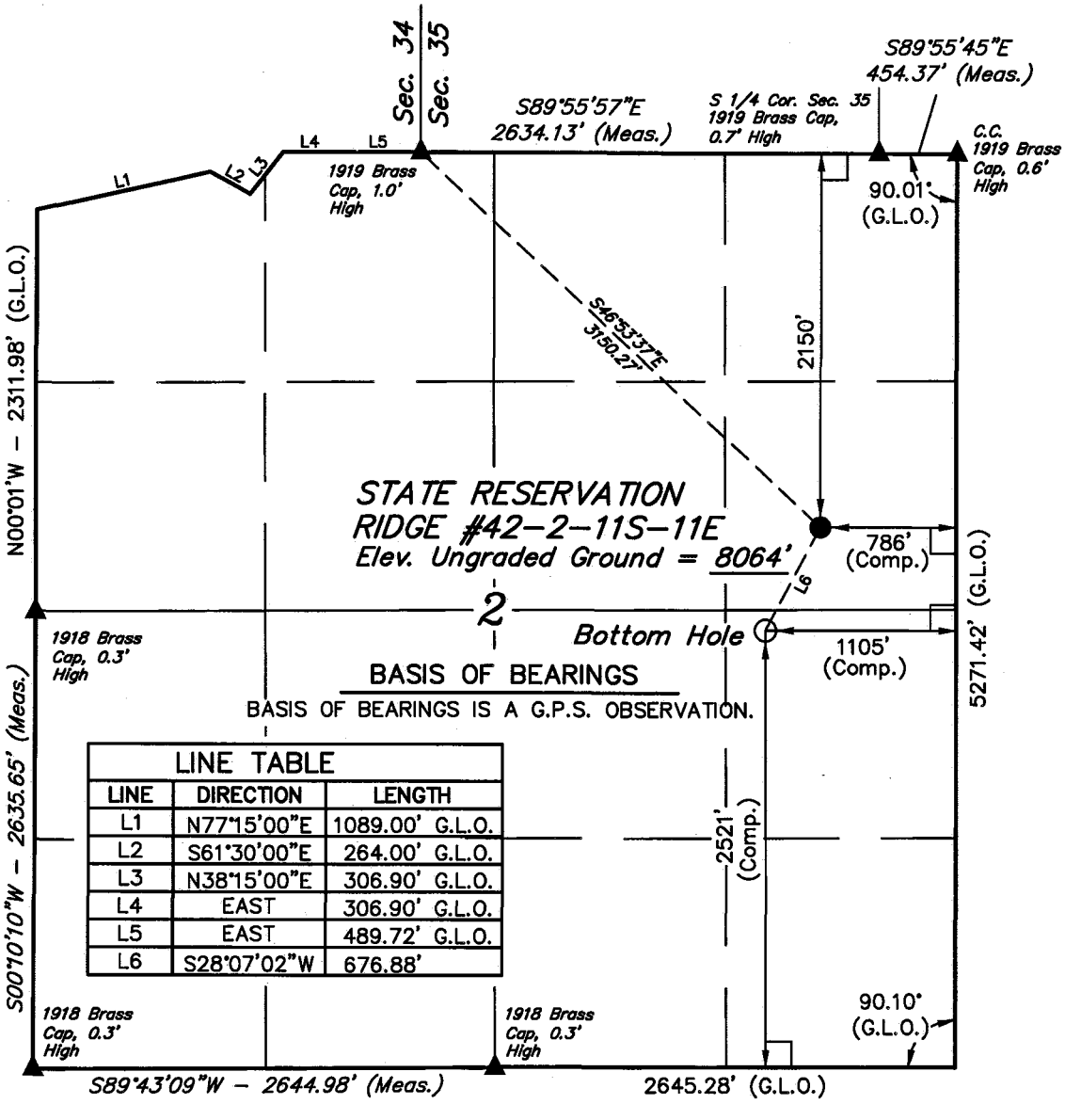
SIGNATURE Bruce M. Patterson DATE 5/16/2008

(This space for State use only)

RECEIVED
MAY 21 2008
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

T11S, R11E, S.L.B.&M.



BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

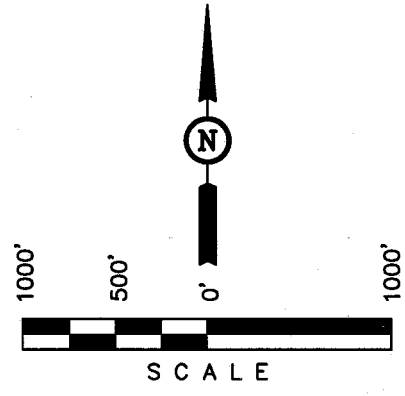
LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N77°15'00"E	1089.00' G.L.O.
L2	S61°30'00"E	264.00' G.L.O.
L3	N38°15'00"E	306.90' G.L.O.
L4	EAST	306.90' G.L.O.
L5	EAST	489.72' G.L.O.
L6	S28°07'02"W	676.88'

WILLIAMS PRODUCTION RMT COMPANY

Well location, STATE RESERVATION RIDGE #42-2-11S-11E, located as shown in the SE 1/4 NE 1/4 of Section 2, T11S, R11E, S.L.B.&M. Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION LOCATED IN THE SE 1/4 OF SECTION 25, T11S, R13E, S.L.B.&M. TAKEN FROM THE WOOD CANYON, QUADRANGLE, UTAH, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6430 FEET.



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.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

REVISED: 04-28-08

LEGEND:

- ⌐ = 90° SYMBOL
- ● = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

AUTONOMOUS NAD 83 (TARGET B.H.)	AUTONOMOUS NAD 83 (SURFACE LOC.)
LATITUDE = 39°53'31.19 " (39.891997)	LATITUDE = 39°53'37.10" (39.893639)
LONGITUDE = 110°39'10.44" (110.652900)	LONGITUDE = 110°39'06.37" (110.651769)
AUTONOMOUS NAD 27 (TARGET B.H.)	**AUTONOMOUS NAD 27 (SURFACE LOC.)**
LATITUDE = 39°53'31.33" (39.892036)	LATITUDE = 39°53'37.14" (39.893650)
LONGITUDE = 110°39'07.88" (110.652189)	LONGITUDE = 110°39'03.84" (110.651067)

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE: 1" = 1000'	DATE SURVEYED: 07-19-07	DATE DRAWN: 07-25-07
PARTY: D.R. K.A. S.L.	REFERENCES: G.L.O. PLAT	
WEATHER: WARM	FILE: WILLIAMS PRODUCTION RMT COMPANY	

API Well No: 43013337580000

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: ML-48651

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:

1. TYPE OF WELL
Gas Well

8. WELL NAME and NUMBER:
ST RESERVATION RIDGE 42-2

2. NAME OF OPERATOR:
WILLIAMS PROD RMT CO

9. API NUMBER:
43013337580000

3. ADDRESS OF OPERATOR:
1515 Arapahoe Street Tower III Suite 1000, Denver, CO, 80202

PHONE NUMBER:
303 260-4504 Ext

9. FIELD and POOL or WILDCAT:
WILDCAT

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
2150 FNL 0786 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SENE Section: 02 Township: 11.0S Range: 11.0E Meridian: S

COUNTY:
DUCHESNE

STATE:
UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
✓ SUBSEQUENT REPORT Date of Work Completion: 10/27/2008	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	✓ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

See attached reports (10/14/08 - 10/27/08) detailing completed TA procedure and associated wellbore diagram.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
October 15, 2009

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Chris Medina	303 260-4504	Engineering Tech
SIGNATURE		**DATE**
N/A		10/14/2009

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: State - ML 48651
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME:
8. WELL NAME and NUMBER: State Reservation Ridge 42-2
9. API NUMBER: 013-33758
10. FIELD AND POOL, OR WILDCAT: Wildcat

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER
2. NAME OF OPERATOR: Williams Production RMT Company
3. ADDRESS OF OPERATOR: 1515 Arapahoe Street CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 606-4374
4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2150' FNL & 786' FEL COUNTY: Duchesne
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 2 11S 11E STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☑ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☑ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion: 10/27/2008	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER:
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

See attached for reports (10/14/08 - 10/27/08) detailing completed TA procedure and associated wellbore diagram.

NAME (PLEASE PRINT) Chris Medina TITLE Engineering Tech
SIGNATURE Chris Medina DATE 10/8/2009

(This space for State use only)

(5/2000) (See Instructions on Reverse Side)

RECEIVED October 14, 2009

Legal Well Name: State Reservation Ridge 42-2
Common Well Name: State Reservation Ridge 42-2 Spud Date: 10/24/2007
Event Name: COMPLETION Start: 12/24/2007 End:
Rig Release: Group:

Date	From-To	Hours	Code	Sub Code	Description of Operations
	18:00 - 0:00	6.00	PROD	1	2400 hrs. FTP 620 psi. SICP 1125 psi. Flowing .372 mcf/d on 18/64 choke. Recovering 1 to 4 BPH last 6 hrs. Simulated line pressure 561 psi. 1518 bbls recovered.
	0:00 - 1:00	1.00	PROD	1	0100 hrs. FTP 600 psi. SICP 1100 psi. Flowing .372 mcf/d on 18/64 choke. Recovering 1 bbl last hr. Simulated line pressure 541 psi. 1448 bbls recovered.
	1:00 - 6:00	5.00	PROD	1	0600 hrs. FTP 645 psi. SICP 1100 psi. Flowing .283 mcf/d on 18/64 choke. Recovering1 to 7 BPH last 5 hrs. Simulated line pressure 545 psi. 1465 bbls recovered.
10/9/2008	6:00 -18:00	12.00	PROD	1	1800 hrs. FTP 615 psi. SICP 549 psi. Flowing .370 mcf/d on 18/64 choke. Recovering 0 to 5 BPH last 12 hrs. Simulated line pressure 549 psi. 1571 bbls recovered.
	18:00 - 0:00	6.00	PROD	1	2400 hrs. FTP 615 psi. SICP 551 psi. Flowing .360 mcf/d on 18/64 choke. Recovering 1 to 6 BPH last 6 hrs. Simulated line pressure 551psi. 1592 bbls recovered.
	0:00 - 1:00	1.00	PROD	1	0100 hrs. FTP 610 psi. SICP 1110 psi. Flowing .353 mcf/d on 18/64 choke. Recovering 2 bbls last hr. SImulated line pressure 561 psi. 1520 bbls recovered.
	1:00 - 6:00	5.00	PROD	1	0600 hrs. FTP 620 psi. SICP 1120 psi. Flowing .350 mcf/d on 18/64 choke. Recovering 2 to 4 BPH last 5 hrs. Simulated line pressure 562 psi. 1353 bbls recovered.
10/10/2008	6:00 -16:00	10.00	PROD	1	1600 hrs. FTP 620 psi. SICP 1110 psi. Flowing .369 mcf/d on 18/64 choke. Recovering 1 to 5 BPH last 10 hrs. Simulated line pressure 555 psi. 1645 bbls recovered in 21 days. Well shut in @ 1600 hrs. Final report from Breco service @ 1600 hrs.
	0:00 - 1:00	1.00	PROD	1	0100 hrs. FTP 620 psi. SICP 1130 psi. Flowing.356 mcf/d on 18/64 choke. Recovering 3 bbls last hr. Simulated line pressure 550 psi. 1595 bbls recovered
	1:00 - 6:00	5.00	PROD	1	0600 hrs. FTP 620 psi. SICP 1110 psi. Flowing .364 mcf/d on 18/64 choke. Recovering 1 to 5 BPH last 5 hrs. Simulated line pressure 549 psi. 1613 bbls recovered.
10/11/2008	-				well shut in. waiting on rig. Schedule equipment for Monday afternoon.
10/12/2008	-				Well shut in. RIg to arrive Monday afternopon.
10/13/2008	-				
	7:00 -18:00	11.00	MIRU	2	Move rig from piecance creek Colo to argile canyon utah SRR 42-2. Spot in equipment. Rig up. SITP 2100 psi. SICP 2000 psi. Left well shut in over night.
10/14/2008	7:00 - 9:00	2.00	WELL	2	RU hard line to casing. Thaw casing valves & pump. 11deg. this morning. Pumped 150 bbls to kill well.
	9:00 -11:00	2.00	BOP	1	ND tree. NU BOP stack. RU floor. PUll hanger.
	11:00 -13:30	2.50	POOH	1	Pull tbg.
	13:30 -15:30	2.00	PLUG	2	RU Perf-O-log. RIH w/ halliburton 10K CIBP. Set plug @ 11390'.

Williams Production RMT Company
Operations Summary Report

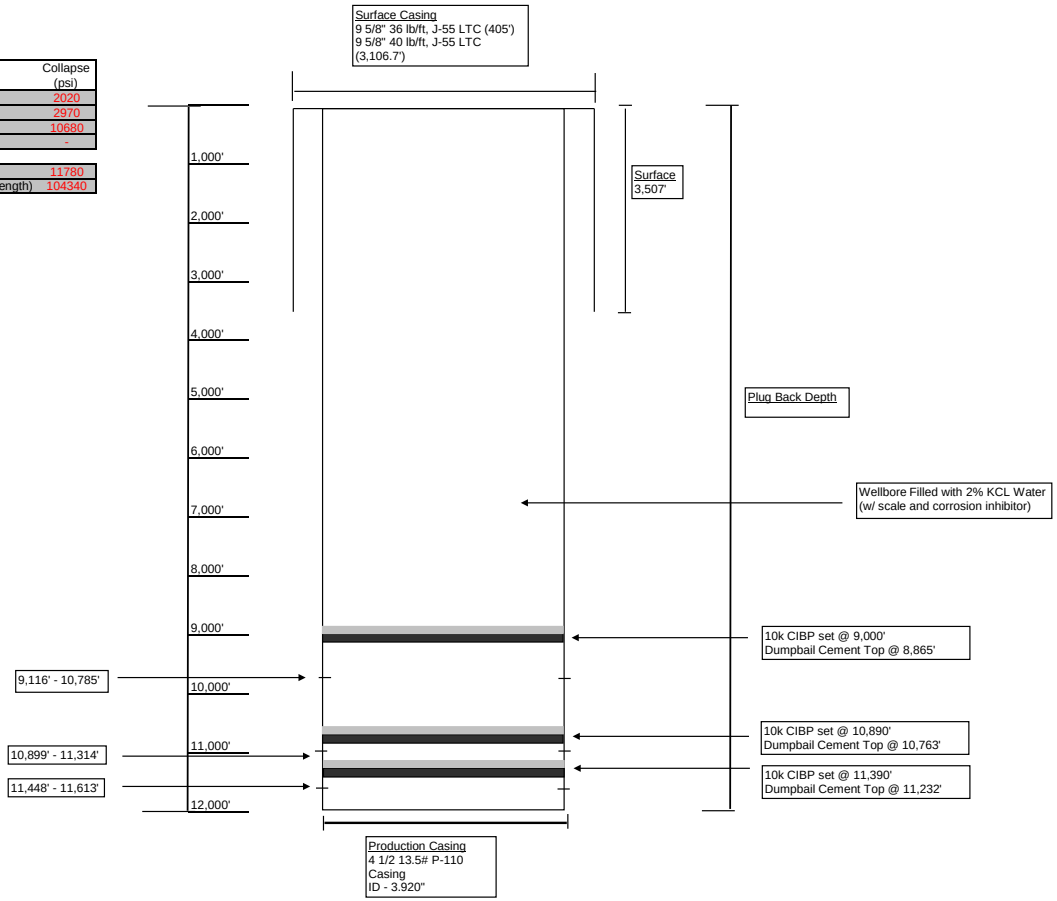
Legal Well Name: State Reservation Ridge 42-2
Common Well Name: State Reservation Ridge 42-2 — Spud Date: 10/24/2007
Event Name: COMPLETION — Start: 12/24/2007 — End:
Rig Release: — Group:

Date	From-To	Hours	Code	Sub Code	Description of Operations
	15:30 -17:00	1.50	PUMP	1	Fill hole w/ 61 bbls. Pressure up on casing. 1500 psi pumping into perfs @ 2 bpm. Discussed options with denver before dump bailing cement on plug.
	17:00 -17:30	0.50	WSI	3	Drain equipment. Shut well in for night.
10/15/2008	7:00 - 9:00	2.00	RIH	1	SICP 0 psi. TIH open ended to 11350'.
	9:00 -10:00	1.00	PUMP	4	Spot treated 2%kcl from 11350 to 7000'. (5 gal/ 50 bbls of Nalco1385 & 2.5 gal/50 bbls of Nalco6160)
	10:00 -13:00	3.00	POOH	1	Pull tbg.
	13:00 -18:00	5.00	PLUG	3	RU Perf-O-log. Dumpbail cement on plug @ 11390. Made 6 runs. Dumping 10 sx G w CFR2, LWL & HR5. Estimated 130' of cement on plug. Fluid level stayed @ 1300'. Still have treated fluid 1000' above all perfs.
	18:00 -18:30	0.50	WSI	3	Shut in for night.
10/16/2008	7:00 - 8:30	1.50	CMT	2	SICP 0 psi. Run gauge ring & tag cement @ 11232. Plug @ 11390'. Pull gauge ring.
	8:30 - 9:30	1.00	PERF	1	Run halliburton 10K CIBP. Set plug @ 10890'.
	9:30 -14:00	4.50	PERF	1	Made 3 dumpbailer runs. 4th run cement did not dump. Pull bailer. Bailer full of cement.. No chemical was added to cement. No one said anything about running out of retarder.
	14:00 -16:30	2.50	WOT	1	wait on chemical & another dump bailer. RU bailer & mix cement.
	16:30 -18:00	1.50	PERF	1	Made 2 runs dumping 4 more sx on plug. 135 ft on plug total. Fluid level stayed @ 1300'. Open perf above plug @ 10890'. Lay down bailer.
	18:00 -18:30	0.50	WSI	3	Shut in for night.
10/17/2008	7:00 - 8:30	1.50	CMT	2	SICP 0 psi. RIH w/ gauge ring. Tag cement @ 10763'. Fluid level @ 1300 '.Run strip. to document cement top. 127 ft of cement.
	8:30 -10:00	1.50	PLUG	2	RIH w / halliburton 10K CIBP. Set 3rd plug @ 9000'. Test plug to 2500 psi Good.
	10:00 -14:00	4.00			Dump bail 10 sx G cement over plug @ 9000'. 135 ' of cement.
	14:00 -14:30	0.50	WSI	3	Shut in for night.
10/18/2008	7:00 - 9:00	2.00	RIH	1	SICP 0 psi. TIH w /NC. Tag cement @ 8992'. Test again to 2500 psi.
	9:00 -10:00	1.00	PUMP	4	Circulate hole w/ 2% kcl W/ nalco 3185 & 6106 corrosion inhibitor & oxygen scavenger.
	10:00 -15:00	5.00	POOH	1	Pull out laying down tbg. Found hard cement in Notched collar.
	15:00 -17:30	2.50	RDMO	1	RD floor. ND bop stack NU Blank flange on well head. Fill hole w/ 25 gal diesel. Freeze blanket for valves & well head. Shut well in. 0 psi on well head. 0 psi on surface pipe. RD rig. Move rig off location. Rig to move Tuesday. Rest of equipment to be moved first. of week.
10/27/2008	8:00 -11:00	3.00	CMT	2	SICP 0 psi. Freeze blanket still @ surface. RU perg O Log. Tag cement & run collar log. Cement top @ 8865' wire line depth. 135 ft cement on plug @ 9000'. RD @ release Perf O Log. NU top flange. Shut in well. Chain & lock casing valves @ surface pipe valve. 0 psi on surface pipe.
	11:00 -17:00	6.00	LOC	1	Move in equipment. Start back filling pit

Wellbore Information & General Completion info:

Wellname:	SRR 42-2
Location:	2-11S-11E
Field:	Wildcat

	Top MD (ft)	Bottom MD (ft)	OD (inch)	ID (inch)	Grade	Weight (lb/ft)	Burst (psi)	Collapse (psi)
Surface Casing	0	3507	9.625	8.765	J-55	36.0	3520	2020
	0	3507	9.925	8.679	J-55	40.0	3950	2970
Production Casing	0	12005	4.500	3.920	P110	13.5	12410	10680
Parasite String	0	3346	1.900	-	J-55	-	-	-
Tubing			2.375	1.995	N-80	4.7	11200	11780
							Upset (Yield Strength)	104340



API Well No: 43013337580000

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: ML-48651

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: ST RESERVATION RIDGE 42-2

2. NAME OF OPERATOR: WILLIAMS PROD RMT CO

9. API NUMBER: 43013337580000

3. ADDRESS OF OPERATOR: 1515 Arapahoe Street Tower III Suite 1000, Denver, CO, 80202

PHONE NUMBER: 303 260-4504 Ext

9. FIELD and POOL or WILDCAT: WILDCAT

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2150 FNL 0786 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 02 Township: 11.0S Range: 11.0E Meridian: S

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 11/4/2009	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SPUD REPORT Date of Spud:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ DRILLING REPORT Report Date:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	✓ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Purpose: Extend temporarily abandon status for SRR 42-2 wellbore for an additional 1-12 months (see attached wellbore schematic & pertinent completion reports (10/14/08 - 10/27/08)). The wellbore will be left in a temporarily abandoned status, being held for future development in the area. Wellbore condition: The wellbore was inspected visually. The wellhead is secure and in good working order. The production and surface casing were verified to have 0 psi on them.

Approved by the Utah Division of Oil, Gas and Mining

Date: December 14, 2009

By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Chris Medina	303 260-4504	Engineering Tech
SIGNATURE N/A		**DATE** 11/4/2009

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 43013337580000

Approval valid through November 1, 2010. Pressures/fluid levels should be monitored and any changes reported immediately to the Division. Remedial action may be necessary.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: December 14, 2009

By:

Input Data (Provided By Operator)						Output Data						Data Comparative	
Sfc Csg Depth	Sfc Csg Psi	Prod Csg Psi	Tbg Psi	Fluid Level	Depth (Csg, Perf or Plug back)	Water Column Dx		Gas Head Psi	Water Head Psi		Formation Frac @ Sfc Shoe	Reservoir Pressure Total	Calc Press @ Sfc Shoe	Normal Reservoir Psi for Depth
3525	0	0	0	0	8865	8865		0	3839		2,468	3839	1,526	3,839
Packer	No													
Fluid Gradient psi/ft	0.433													
Gas Gradient psi/ft	0.1													
Frac Gradient psi/ft	0.7													

	SCENARIOS	Indicates Integrity?
#1	SFC CSG = 0 PSI MEANS NO COMMUNICATION, REASSURING INTEGRITY	Yes
#2	If measured reservoir psi is equal to normal gradient reservoir pressure, well has integrity. Otherwise, pressure would be less; therefore leaching into formation.	Yes
#3	If it is a producing well and reservoir pressure is less than calculated normally pressured reservoir; an evauluation of frac gradiant at the sfc shoe is necessary. If calculated pressure is less than frac pressure at the shoe, than fluid is probably not moving into the formation.	Yes
#4	If packer is in the hole, with psi on tbg and no psi on prod csg, this indicates tbg and packer integrity.	NA

Approved by the
Utah Division of
Oil, Gas and Mining

Date: December 14, 2009

By:

Legal Well Name: State Reservation Ridge 42-2
Common Well Name: State Reservation Ridge 42-2 Spud Date: 10/24/2007
Event Name: COMPLETION Start: 12/24/2007 End:
Rig Release: Group:

Date	From-To	Hours	Code	Sub Code	Description of Operations
	18:00 - 0:00	6.00	PROD	1	2400 hrs. FTP 620 psi. SICP 1125 psi. Flowing .372 mcf/d on 18/64 choke. Recovering 1 to 4 BPH last 6 hrs. Simulated line pressure 561 psi. 1518 bbls recovered.
	0:00 - 1:00	1.00	PROD	1	0100 hrs. FTP 600 psi. SICP 1100 psi. Flowing .372 mcf/d on 18/64 choke. Recovering 1 bbl last hr. Simulated line pressure 541 psi. 1448 bbls recovered.
	1:00 - 6:00	5.00	PROD	1	0600 hrs. FTP 645 psi. SICP 1100 psi. Flowing .283 mcf/d on 18/64 choke. Recovering1 to 7 BPH last 5 hrs. Simulated line pressure 545 psi. 1465 bbls recovered.
10/9/2008	6:00 -18:00	12.00	PROD	1	1800 hrs. FTP 615 psi. SICP 549 psi. Flowing .370 mcf/d on 18/64 choke. Recovering 0 to 5 BPH last 12 hrs. Simulated line pressure 549 psi. 1571 bbls recovered.
	18:00 - 0:00	6.00	PROD	1	2400 hrs. FTP 615 psi. SICP 551 psi. Flowing .360 mcf/d on 18/64 choke. Recovering 1 to 6 BPH last 6 hrs. Simulated line pressure 551psi. 1592 bbls recovered.
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	1:00 - 6:00	5.00	PROD	1	0600 hrs. FTP 620 psi. SICP 1120 psi. Flowing .350 mcf/d on 18/64 choke. Recovering 2 to 4 BPH last 5 hrs. Simulated line pressure 562 psi. 1353 bbls recovered.
10/10/2008	6:00 -16:00	10.00	PROD	1	1600 hrs. FTP 620 psi. SICP 1110 psi. Flowing .369 mcf/d on 18/64 choke. Recovering 1 to 5 BPH last 10 hrs. Simulated line pressure 555 psi. 1645 bbls recovered in 21 days. Well shut in @ 1600 hrs. Final report from Breco service @ 1600 hrs.
	0:00 - 1:00	1.00	PROD	1	0100 hrs. FTP 620 psi. SICP 1130 psi. Flowing.356 mcf/d on 18/64 choke. Recovering 3 bbls last hr. Simulated line pressure 550 psi. 1595 bbls recovered
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10/11/2008	-				well shut in. waiting on rig. Schedule equipment for Monday afternoon.
10/12/2008	-				Well shut in. RIg to arrive Monday afternopon.
10/13/2008	-				
	7:00 -18:00	11.00	MIRU	2	Move rig from piecance creek Colo to argile canyon utah SRR 42-2. Spot in equipment. Rig up. SITP 2100 psi. SICP 2000 psi. Left well shut in over night.
10/14/2008	7:00 - 9:00	2.00	WELL	2	RU hard line to casing. Thaw casing valves & pump. 11deg. this morning. Pumped 150 bbls to kill well.
	9:00 -11:00	2.00	BOP	1	ND tree. NU BOP stack. RU floor. PUll hanger.
	11:00 -13:30	2.50	POOH	1	Pull tbg.
	13:30 -15:30	2.00	PLUG	2	RU Perf-O-log. RIH w/ halliburton 10K CIBP. Set plug @ 11390'.

Williams Production RMT Company
Operations Summary Report

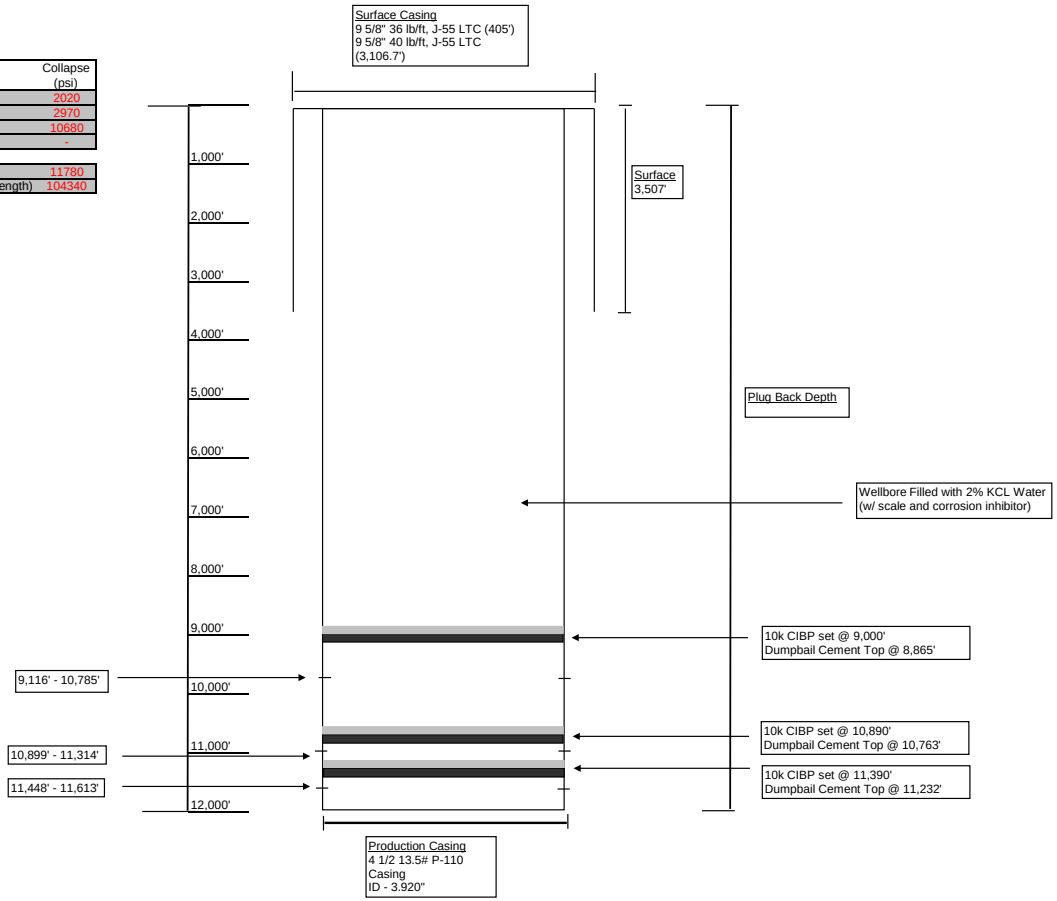
Legal Well Name: State Reservation Ridge 42-2
Common Well Name: State Reservation Ridge 42-2 — Spud Date: 10/24/2007
Event Name: COMPLETION — Start: 12/24/2007 — End:
Rig Release: — Group:

Date	From-To	Hours	Code	Sub Code	Description of Operations
	15:30 -17:00	1.50	PUMP	1	Fill hole w/ 61 bbls. Pressure up on casing. 1500 psi pumping into perfs @ 2 bpm. Discussed options with denver before dump bailing cement on plug.
	17:00 -17:30	0.50	WSI	3	Drain equipment. Shut well in for night.
10/15/2008	7:00 - 9:00	2.00	RIH	1	SICP 0 psi. TIH open ended to 11350'.
	9:00 -10:00	1.00	PUMP	4	Spot treated 2%kcl from 11350 to 7000'. (5 gal/ 50 bbls of Nalco1385 & 2.5 gal/50 bbls of Nalco6160)
	10:00 -13:00	3.00	POOH	1	Pull tbg.
	13:00 -18:00	5.00	PLUG	3	RU Perf-O-log. Dumpbail cement on plug @ 11390. Made 6 runs. Dumping 10 sx G w CFR2, LWL & HR5. Estimated 130' of cement on plug. Fluid level stayed @ 1300'. Still have treated fluid 1000' above all perfs.
	18:00 -18:30	0.50	WSI	3	Shut in for night.
10/16/2008	7:00 - 8:30	1.50	CMT	2	SICP 0 psi. Run gauge ring & tag cement @ 11232. Plug @ 11390'. Pull gauge ring.
	8:30 - 9:30	1.00	PERF	1	Run halliburton 10K CIBP. Set plug @ 10890'.
	9:30 -14:00	4.50	PERF	1	Made 3 dumpbailer runs. 4th run cement did not dump. Pull bailer. Bailer full of cement.. No chemical was added to cement. No one said anything about running out of retarder.
	14:00 -16:30	2.50	WOT	1	wait on chemical & another dump bailer. RU bailer & mix cement.
	16:30 -18:00	1.50	PERF	1	Made 2 runs dumping 4 more sx on plug. 135 ft on plug total. Fluid level stayed @ 1300'. Open perf above plug @ 10890'. Lay down bailer.
	18:00 -18:30	0.50	WSI	3	Shut in for night.
10/17/2008	7:00 - 8:30	1.50	CMT	2	SICP 0 psi. RIH w/ gauge ring. Tag cement @ 10763'. Fluid level @ 1300 '.Run strip. to document cement top. 127 ft of cement.
	8:30 -10:00	1.50	PLUG	2	RIH w / halliburton 10K CIBP. Set 3rd plug @ 9000'. Test plug to 2500 psi Good.
	10:00 -14:00	4.00			Dump bail 10 sx G cement over plug @ 9000'. 135 ' of cement.
	14:00 -14:30	0.50	WSI	3	Shut in for night.
10/18/2008	7:00 - 9:00	2.00	RIH	1	SICP 0 psi. TIH w /NC. Tag cement @ 8992'. Test again to 2500 psi.
	9:00 -10:00	1.00	PUMP	4	Circulate hole w/ 2% kcl W/ nalco 3185 & 6106 corrosion inhibitor & oxygen scavenger.
	10:00 -15:00	5.00	POOH	1	Pull out laying down tbg. Found hard cement in Notched collar.
	15:00 -17:30	2.50	RDMO	1	RD floor. ND bop stack NU Blank flange on well head. Fill hole w/ 25 gal diesel. Freeze blanket for valves & well head. Shut well in. 0 psi on well head. 0 psi on surface pipe. RD rig. Move rig off location. Rig to move Tuesday. Rest of equipment to be moved first. of week.
10/27/2008	8:00 -11:00	3.00	CMT	2	SICP 0 psi. Freeze blanket still @ surface. RU perg O Log. Tag cement & run collar log. Cement top @ 8865' wire line depth. 135 ft cement on plug @ 9000'. RD @ release Perf O Log. NU top flange. Shut in well. Chain & lock casing valves @ surface pipe valve. 0 psi on surface pipe.
	11:00 -17:00	6.00	LOC	1	Move in equipment. Start back filling pit

Wellbore Information & General Completion info:

Wellname:	SRR 42-2
Location:	2-11S-11E
Field:	Wildcat

	Top MD (ft)	Bottom MD (ft)	OD (inch)	ID (inch)	Grade	Weight (lb/ft)	Burst (psi)	Collapse (psi)
Surface Casing	0	3507	9.625	8.765	J-55	36.0	3520	2020
	0	3507	9.925	8.679	J-55	40.0	3950	2970
Production Casing	0	12005	4.500	3.920	P110	13.5	12410	10680
Parasite String	0	3346	1.900	-	J-55	-	-	-
Tubing			2.375	1.995	N-80	4.7	11200	11780
							Upset (Yield Strength)	104340



API Well No: 43013337580000

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: ML-48651

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: ST RESERVATION RIDGE 42-2

2. NAME OF OPERATOR: WILLIAMS PROD RMT CO

9. API NUMBER: 43013337580000

3. ADDRESS OF OPERATOR: 1515 Arapahoe Street Tower III Suite 1000, Denver, CO, 80202

PHONE NUMBER: 303 260-4504 Ext

9. FIELD and POOL or WILDCAT: WILDCAT

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2150 FNL 0786 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 02 Township: 11.0S Range: 11.0E Meridian: S

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 10/25/2010	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	✓ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Notice of intent to plug and abandon well. See attached for details.

Approved by the Utah Division of Oil, Gas and Mining

Date: October 19, 2010

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Chris Medina	303 260-4504	Engineering Tech
SIGNATURE N/A		**DATE** 10/11/2010

RECEIVED October 11, 2010

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 43013337580000

1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.

2. Add Plug #1: A 100' plug (±8 sx) shall be balanced from ±7550' to 7450'. This will isolate the base of the Moderately Saline Groundwater as required by rule R649-3-24-3.3.

3. All balanced plugs shall be tagged to ensure that they are at the depth specified.

4. All annuli shall be cemented from a minimum depth of 100' to the surface.

5. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.

6. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.

7. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.

8. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: October 19, 2010

By:

Wellbore Diagram

API Well No: 43-013-33758-00-00 **Permit No:** **Well Name/No:** ST RESERVATION RIDGE 42-2

Company Name: WILLIAMS PROD RMT CO

Location: Sec: 2 T: 11S R: 11E Spot: SENE

Coordinates: X: 529830 Y: 4415808

Field Name: WILDCAT

County Name: DUCHESNE

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)	Capacity (f/ct)
HOL1	3525	14.75			
SURF	3525	9.625	40	2535	2349
HOL2	12005	8.5			
PROD	12005	4.5	13.5	12005	11.932

Plug #4
* Note procedure mentions 4 1/2" Assume 4 1/2" pulled in previous steps.
(40sx)(1.15)(2349) = 108' ✓ OK.

1979' Uteland Butte

Plug #3
4 1/2" 50'/(1.15)(11.932) = 4sx
9 5/8" 50'/(1.15)(2349) = 19sx
23 sx total
propose 25sx ✓ O.K.

2552'
cut @ 2600'
2650'
Toc @ 2630'
Cement from 3525 ft. to surface
Surface: 9.625 in. @ 3525 ft.
3217'
3383' WSTCH
Hole: 14.75 in. @ 3525 ft.
3560'

Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
PROD	12005	2630	PM	1948
SURF	3525	0	PM	987

Plug #2
(25sx)(1.15)(11.932) = 343'
TOC @ 3217' ✓ OK.

5583' N HORN

Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
9130	11607			
9131	11302			

* Add Plug #1 (7550' to 7450')
To cover USMSG w-100' minimum
100'/(1.15)(11.932) = 85x reqd. ✓

7450'
7491' Price River
7550'
existing
8965'
CIBPE 9000' w/135' on top ✓
9130'

Approved by the Utah Division of Oil, Gas and Mining

Date: October 19, 2010

By: Dustin Doucet

Formation Information

Formation	Depth
NHORN	5583
PRRV	7491
BLKHK	9969
MNCS	11478

9969' BLKHK

Cement from 12005 ft. to 2630 ft.
10772
CIBPE 10890' w/127' on top
Production: 4.5 in. @ 12005 ft.
10917
11302 → CIBPE 11390' w/158' on top
Hole: 8.5 in. @ 12005 ft.
11448'
11478' MNCS
11609'

TD: 11894 **TVD:** 11996 **PBTD:** 11958

Exploration and Production
Pull Casing / Plug & Abandon Procedure

Wellname: **State Reservation Ridge 42-2**
Location: **S2 T11S R11E**
Field/County: **Wildcat / Duchesne**

Prepared By: Darren Kirkwood
office phone: (303) 606-4374
cell phone: (720) 236-2395

Date: 10/6/2010

Surface Casing 1 - 9-5/8" 36 lb/ft, J-55 LTC (405') (Burst: 3520-psi, Collapse: 2020-psi)
Surface Casing 2 - 9-5/8" 40 lb/ft, J-55 LTC (3106.7') (Burst: 3950-psi, Collapse: 2970-psi)
Surface Casing Depth - 3507-ft
Parasite String - 1.9" 2.76# J-55 10rd Parasite Tubing (3346')

Production Casing - 4-1/2" 13.5 lb/ft, P-110 LT&C (Burst:12,410 psi; Collapse: 10,680 psi)
Production Casing Depth - 12,005-ft

TA Plug Back Depth - 10k CIBP Set @ 9,000-ft
Dumpbail Cement Tag @ 8,865-ft
Total Depth - 12,018-ft (Driller's depth)
Maximum Recorded Temp - 216 F

Correlate Log to - Schlumberger CH Log run on 12/22/2007
Cement Top ~2,650-ft

Marker Joint - 8,739'-8,772'
Formation Tops:

Uteland Butte	1,979'
Wasatch	3,383'
North Horn	5,583'
Price River	7,491'
Blue Castle	9,032'
Castlegate	9,609'
Blackhawk	9,969'
Starpoint	10,917'
Mancos	11,478'

Purpose: **Pull Casing / Plug and Abandon SRR 42-2 wellbore**

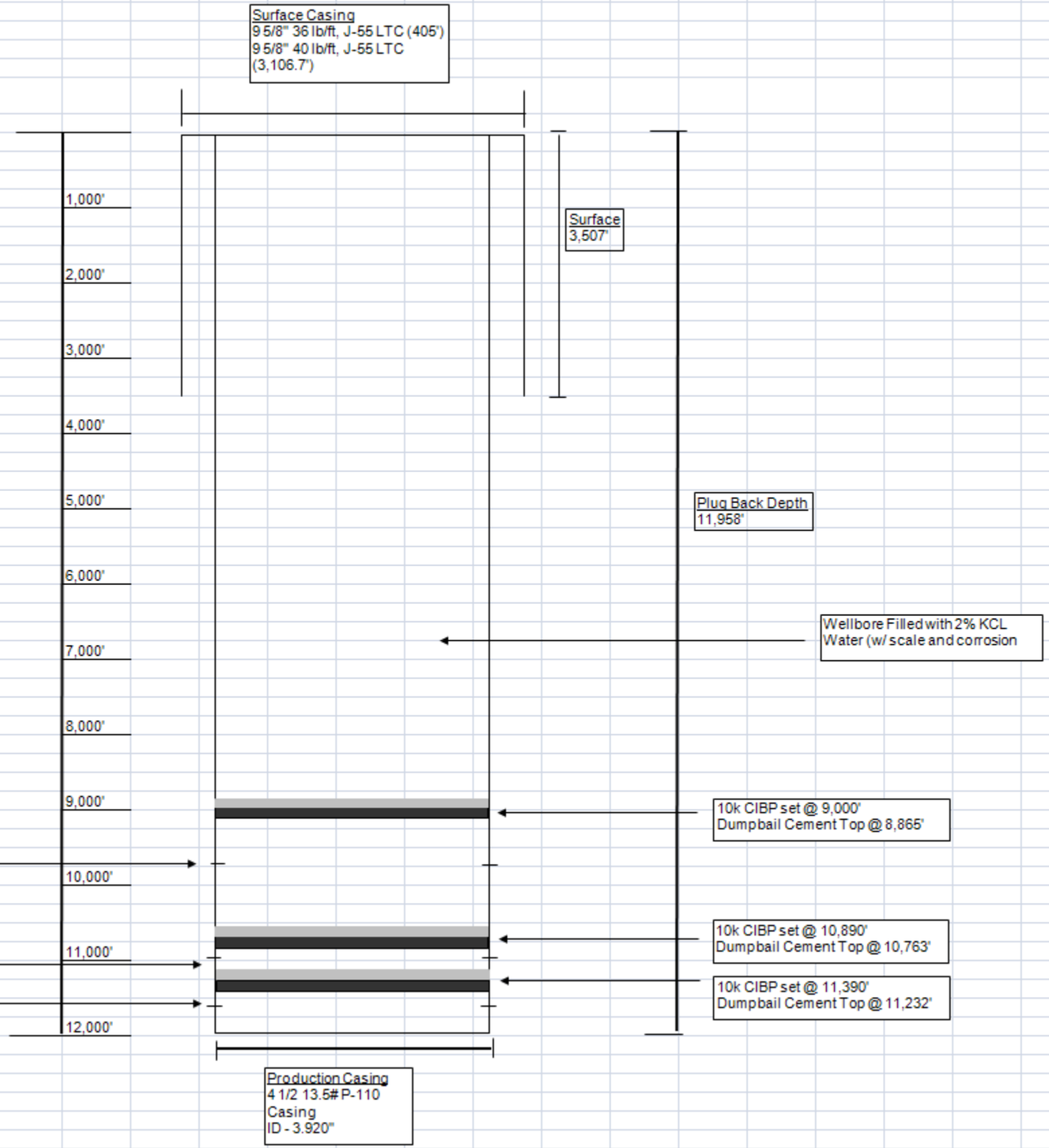
Finished Operations (TA):
Finished 10/27/08
1. Abandon Perforations (11,448' - 11,609')
10k CIBP Set @ 11,390'
Dumpbail Cement Top @ 11,232'
2. Abandon Perforations (10,917' - 11,302')
10k CIBP Set @ 10,890'
Dumpbail Cement Top @ 10,763'
3. Abandon Perforations (9,130' - 10,772')
10k CIBP Set @ 9,000'
Dumpbail Cement Top @ 8,865'
Successfully Pressure Tested to 2500 psi (w/ rig pump)
No Open Perforations In the Wellbore
4. Hole circulated with 2% KCL water containing NALCO 3185 & NALCO 6106 (corrosion inhibitor & oxygen scavenger)

Proposed Procedure:
1. Notify State Representative of start of activity
Dustin Doucet (801)538 - 5281
2. Confirm No Pressure on Surface / Production Casing
No Pressure - Proceed, Pressure - Discuss with Engineering
*Current Wellhead Setup: Casing Head / Blank 5k Top Flange / Bull plugs & Gauge replacing Surface & Production Casing Valves
*Surface Casing and Production casing valves chained to wellhead (Padlock combo is 4422)
3. MIRU Workover Rig / ~4,000' of 2 3/8" Tubing / Wireline
4. PU / RIH with Tubing to 3,560'
Set balanced cement plug (~25 sacks / ~335') cement (See HES cement design)
Tag up on Cement Top to verify depth (record depth)
5. RIH w/ Freepoint Tool - Locate casing freepoint (estimated @ 2,600')
RU Fisherman - Spear Casing & Pull Slips
*Note - 150,000 lbs pulled into slips
Tighten 4 1/2" casing - rounds of right-hand torque / reciprocate down casing / do not exceed makeup torque
Eliminate torque and tension in string
6. RIH w/ Chemical Cutter and cut at free point
7. Pull casing / Lay down on float / Truck to Hayes Gulch Pipe Yard (contact Mike Giles to offload - (970)366-6563)
Truck Wellhead Equipment to Weatherford Shop In Vernal to be located with Tubing Spool and Production Head (contact Travis Lavergne to offload (435) 789-0445
8. PU / RIH with Tubing to Casing Stub (~2,600')
Set balanced cement plug (~25 sacks / ~100') cement (See HES cement design) across Casing Stub (50' in the 4 1/2" and 50' in the 9 5/8" casing)
Rotate Tubing to enter 4 1/2" casing (ID - 3.92")
Tag up on Cement Top to verify depth (record depth)
9. Cutoff 4 1/2" and 9 5/8" casing to below surface (~3')
10. RIH w/ 3 joints Tubing - Set balanced cement plug inside 4 1/2" and outside 4 1/2" to 6' below surface (~40 sacks / ~100', See HES cement design)
11. Locate 4" diameter / 10' long pipe (w/ sign containing - well #, location, and name of lease in hole (4' above ground)
Cement pipe in place (cement to the top of the pipe) and backfill cellar
12. Submit Cement Reports and Cement Tag Depths to Engineering
13. Remediate Location

Wellbore Information & General Completion info:

Wellname:	SRR 42-2
Location:	2-11S-11E
Field:	Wildcat

	Top MD (ft)	Bottom MD (ft)	OD (inch)	ID (inch)	Grade	Weight (lb/ft)	Burst (psi)	Collapse (psi)
Surface Casing	0	3507	9.625	8.765	J-55	36.0	3520	2020
	0	3507	9.925	8.679	J-55	40.0	3950	2970
Production Casing	0	12005	4.500	3.920	P110	13.5	12410	10680
Parasite String	0	3346	1.900	-	J-55	-	-	-
Tubing			2.375	1.995	N-80	4.7	11200	11780
							Upset (Yield Strength	104340



RECEIVED October 11, 2010

API Well No: 43013337580000

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: ML-48651

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:

1. TYPE OF WELL
Gas Well

8. WELL NAME and NUMBER:
ST RESERVATION RIDGE 42-2

2. NAME OF OPERATOR:
WILLIAMS PROD RMT CO

9. API NUMBER:
43013337580000

3. ADDRESS OF OPERATOR:
1515 Arapahoe Street Tower III Suite 1000, Denver, CO, 80202

PHONE NUMBER:
303 260-4504 Ext

9. FIELD and POOL or WILDCAT:
WILDCAT

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
2150 FNL 0786 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SENE Section: 02 Township: 11.0S Range: 11.0E Meridian: S

COUNTY:
DUCHESNE

STATE:
UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
✓ SUBSEQUENT REPORT Date of Work Completion: 11/4/2010	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	✓ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

See attached for plug & abandon daily reports, wellbore diagram, cement report.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
11/18/2010

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Chris Medina	303 260-4504	Engineering Tech
SIGNATURE		**DATE**
N/A		11/17/2010

RECEIVED November 17, 2010

Williams Production RMT Company

Operations Summary Report

Legal Well Name: State Reservation Ridge 42-2

Common Well Name: State Reservation Ridge 42-2 — Spud Date: 10/24/2007

Event Name: PLUG AND ABANDON — Start: 11/1/2010 — End:

Rig Release: — Group:

Date	From-To	Hours	Code	Sub Code	Description of Operations
10/22/2010	0:00 - 0:00	0.00			Traveled from Grand Jct to SRR 42-2 to inspect location and road Wellhead-7 1/16" 10K Casing Psi @ 0 psi, Surface Casing Psi @ 0 psi
11/1/2010	0:00 - 0:00	0.00			Move MWS Rig 12 from Rulison to Grand Jct Yard
11/2/2010	6:00 - 8:00	2.00			Travel to Price Utah
	8:00 - 9:00	1.00			Elder trucking having issues with Port on Entry. MWS had to weigh rig and get permits in line before leaving Grand Jct
	11:00 -11:30	0.50			MWS Rig #12 is having issues with Port of Entry
	11:30 -14:30	3.00			Elder and MWS Rig are headed to Price.
	14:30 -16:00	1.50			Chain up equipment on Highway 191.
	16:00 -17:00	1.00			Head to location.
	17:00 -17:00	0.00			Arrived on location with rig and equipment
	18:30 -19:30	1.00			ND 7 1/16" 10K flange. NU 7 1/16" 10K by 7 1/16" 5K spool. NU BOP.
	19:30 - 0:00	4.50			SDFN
	0:00 - 6:00	6.00			Well shutin
11/3/2010	7:00 -18:30	11.50			0700-Run pump lines, RU floor 0800-Talley tbg, RIH 0900-MIRU Halliburton and RNI Trucking 0930-MI Roustabout Services, Dig pit for cement clean up, Dig out around wellhead, clean up location 1150-Order 2nd load of water 1215-Tbg @ 7549' with 239 jts ITH 1220-NU HES, Safety Meeting, Primed pump 1240-Pump 5 bbl fresh water down tbg, Psi Test lines, Pmp 5 bbls fresh water, Pmp 25 sks 15.8# (Balandced Plug) 1300-POOH 127 jts, EOT @ 3560' 1445-RU swab equipment, RIH and Tag 1st Cement plug @ 7300', POOH, RD Swab equipment 1540-NU HES, Pmp 5 bbls fresh water, 25 sks 15.8# (Balanced Plug) 1605-POOH 92 jts, EOT @ 625' 1710-RU swab equipment, RIH and Tag 2nd Cement plug @ 3300', POOH, RD Swab equipment 1740-POOH LD 20 jts 1800-RD Floor, Drain pump lines 1830-SDFN
					1830-SDFN
	18:30 - 0:00	5.50			Well shut in
	0:00 - 7:00				Well Shut in

Williams Production RMT Company
Operations Summary Report

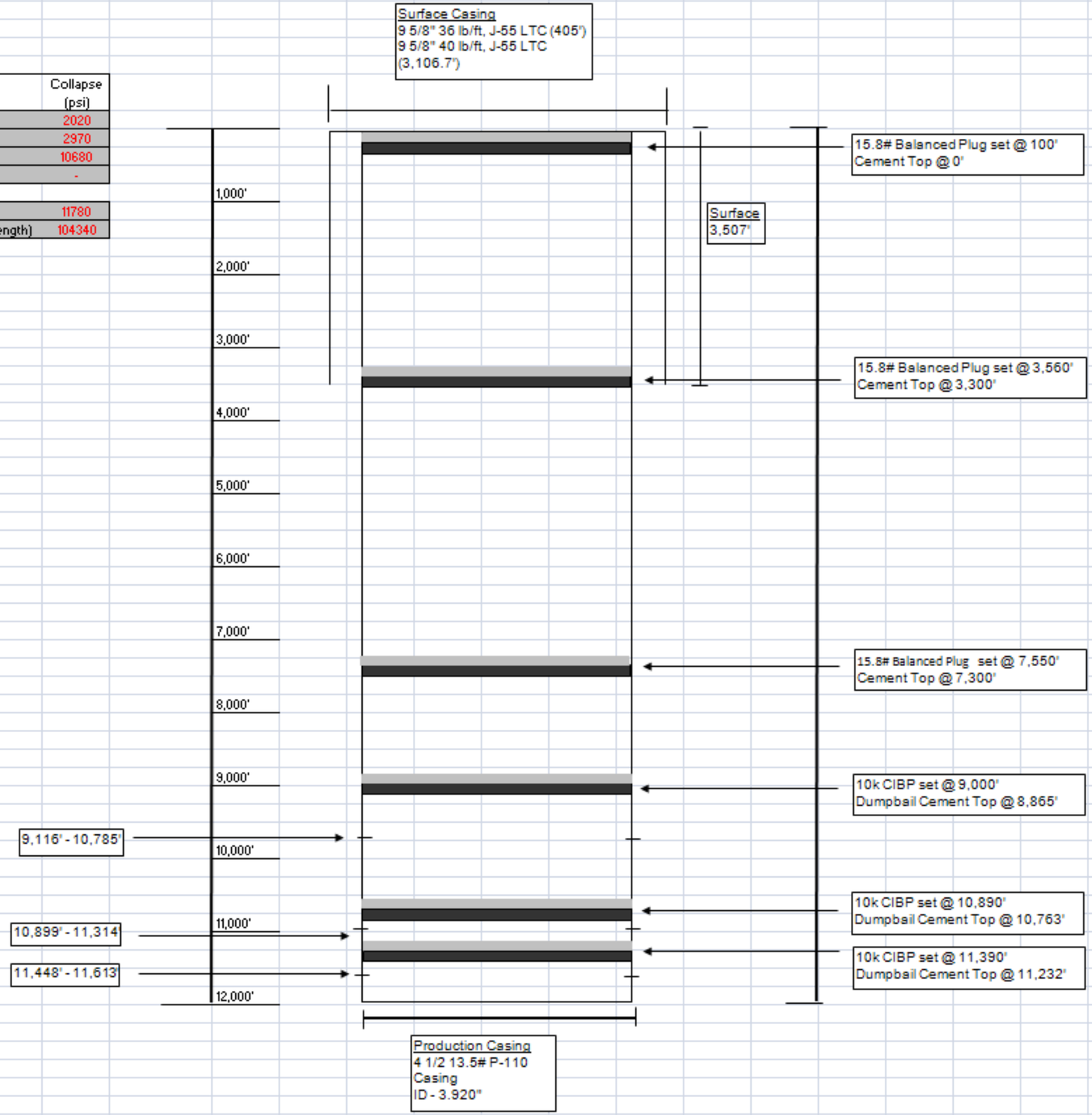
Legal Well Name: State Reservation Ridge 42-2
Common Well Name: State Reservation Ridge 42-2 Spud Date: 10/24/2007
Event Name: PLUG AND ABANDON Start: 11/1/2010 End:
Rig Release: Group:

Date	From-To	Hours	Code	Sub Code	Description of Operations
11/4/2010	7:00 -12:30	5.50			0700-ND BOP, ND Spool 0750-Cut off wellhead (Casing fell 5') 0815-MU 100' of 1" tbg and run in csg and surface csg 0840-Pmp 40 sks 15.8# cement down csg and surface csg 0950-Dump 30 bags of cement to top off well 1020-Install Dry hole marker, Weld cap on 1.9" Tbg, Backfill wellhead 1040-RD WSU and HES 1230-All equipment of location and headed back towards Grand Jct Note:RSI will drop off wellhead at Weatherfords shop in Vernal Ut
	12:30 - 0:00	11.50			Shut down
	0:00 - 7:00				Well Shut in

Wellbore Information & General Completion info:

Wellname:	SRR 42-2
Location:	2-11S-11E
Field:	Wildcat

	Top MD (ft)	Bottom MD (ft)	OD (inch)	ID (inch)	Grade	Weight (lb/ft)	Burst (psi)	Collapse (psi)
Surface Casing	0	3507	9.625	8.765	J-55	36.0	3520	2020
	0	3507	9.925	8.679	J-55	40.0	3950	2970
Production Casing	0	12005	4.500	3.920	P110	13.5	12410	10680
Parasite String	0	3346	1.900	-	J-55	-	-	-
Tubing			2.375	1.995	N-80	4.7	11200	11780
							Upset (Yield Strength)	104340



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WILLIAMS PRODUCTION RMT INC EBUSINE
DO NOT MAIL - PO BOX 21218
TULSA, Oklahoma

SRR 42-2

WORKOVER 1

Post Job Summary
Plug to Abandon Service

Date Prepared: November 11, 2010
Version: 1

Service Supervisor: BIRCHELL, DEVIN

Submitted by: Thomas Stumpf

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Wellbore Geometry

Job Tubulars					MD		Shoe Joint Length ft
Type	Description	Size in	ID in	Wt lbm/ft	Top ft	Bottom ft	
Tubing	2-3/8" Tubing	2.38	1.995	4.70	0.00	7,550.00	
Casing	4-1/2" Production Casing	4.50	3.920	13.50	0.00	12,005.00	47.00
Casing	9-5/8" Surface Casing	9.63	8.921	36.00	0.00	405.00	0.00
Casing	9-5/8" Surface Casing	9.63	8.835	40.00	405.00	3,511.70	
Cement Plug	Cement Plug		.000		7,215.00	7,550.00	0.00
Cement Plug	Cement Plug		.000		3,225.00	3,560.00	0.00
Cement Plug	Cement Plug				0.00	100.00	

Pumping Schedule

Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Volume
1	Cement Slurry	Plug #1 Cement	15.80	25.0 sacks
1	Cement Slurry	Plug #2 Cement	15.80	25.0 sacks
1	Cement Slurry	Plug #3 Cement	15.80	40.0 sacks

Fluids Pumped

Stage/Plug # 1 **Fluid 1:** Plug #1 Cement
PLUGCEM (TM) SYSTEM

Fluid Weight: 15.80 lbm/gal
Slurry Yield: 1.15 ft3/sack
Total Mixing Fluid: 4.99 Gal
Surface Volume: 25.0 sacks

Stage/Plug # 2 **Fluid 1:** Plug #2 Cement
PLUGCEM (TM) SYSTEM
1 % Calcium Chloride

Fluid Weight: 15.80 lbm/gal
Slurry Yield: 1.16 ft3/sack
Total Mixing Fluid: 5.00 Gal
Surface Volume: 25.0 sacks

Stage/Plug # 3 **Fluid 1:** Plug #3 Cement
PLUGCEM (TM) SYSTEM
2 % Calcium Chloride

Fluid Weight: 15.80 lbm/gal
Slurry Yield: 1.17 ft3/sack
Total Mixing Fluid: 5.02 Gal
Surface Volume: 40.0 sacks

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Job Log

Date/Time	Activity Code	Pump Rate	Cum Vol	Pressure (psig)	Comments
11/03/2010 03:00	Call Out				Crew called out for job.
11/03/2010 05:30	Depart from Service Center or Other Site				Entered Journey Management
11/03/2010 08:00	Arrive at Location from Service Center				Ended Journey Management
11/03/2010 09:00	Pre-Rig Up Safety Meeting				Met w/crew to discuss safety and hazards of rigging up.
11/03/2010 10:00	Rig-Up Equipment				Rig up iron, water hose & product hose
11/03/2010 12:15	Pre-Job Safety Meeting				Met w/crew, Co. Rep, and Rig crew to discuss job procedure, potential hazards, and safety measures
11/03/2010 12:30	Other				***** PLUG #1 *****
11/03/2010 12:34	Other	2	5	419.0	Fill Lines & Establish Circulation
11/03/2010 12:38	Test Lines			3470.0	Test our iron (3000 psi)
11/03/2010 12:41	Pump Water	2	6	670.0	Finish pumping 10 bbl Fresh Water Spacer
11/03/2010 12:45	Pump Cement	2	5	681.0	25 sks Plug Cement @ 15.8 ppg, 1.15 cuft/sk, 4.99 gps
11/03/2010 12:47	Pump Displacement	2	27.7	381.0	Fresh Water Displacement
11/03/2010 12:49	Other	3		1601.0	Increase Rate
11/03/2010 12:55	Slow Rate	2		365.0	Slow Rate to Balance Plug
11/03/2010 12:57	Shutdown				Shutdown / Wash pump & Lines / Pull Out of Hole / Wait to tag cement
11/03/2010 15:40	Other				***** PLUG #2 *****
11/03/2010 15:43	Pump Water	2	10	5.0	Fresh Water Spacer
11/03/2010 15:48	Pump Cement	2	5	325.0	25 sks Plug Cement @ 15.8 ppg, 1.15 cuft/sk, 4.99 gps
11/03/2010 15:51	Pump Displacement	2	12	35.0	Fresh Water Displacement
11/03/2010 15:56	Shutdown				Shutdown / Wash Pump & Lines / Pull Out of Hole
11/03/2010 16:00	Pre-Rig Down Safety Meeting				Finished for the day, met w/crew to discuss the safety and hazards of rigging down the floor.
11/03/2010 16:15	Rig-Down Equipment				RIg down the floor & blow down lines. Left RCM on location for tomorrow.
11/03/2010 17:00	Depart Location for Service Center or Other Site				Entered into Journey Management
11/03/2010 18:30	Other				Ended Journey Management
11/04/2010 04:30	Call Out				Crew called out for job.
11/04/2010 05:00	Depart from Service Center or Other Site				Entered Journey Management
11/04/2010 07:30	Arrive at Location from Service Center				Ended Journey Management
11/04/2010 08:30	Pre-Rig Up Safety Meeting				Met w/crew to discuss safety and hazards of rigging up.
11/04/2010 08:30	Rig-Up Equipment				Rig up iron, water hose & product hose
11/04/2010 08:30	Pre-Job Safety Meeting				Met w/crew, Co. Rep, and Rig crew to discuss job procedure, potential hazards, and safety measures
11/04/2010 08:30	Other				***** PLUG #3******

HALLIBURTON

Date/Time	Activity Code	Pump Rate	Cum Vol	Pressure (psig)	Comments
11/04/2010 08:38	Pump Cement	1.2	5	72.0	Pumped 5 bbls @ 15.8 ppg Down the 4.5 Production Casing
11/04/2010 08:54	Pump Water	2	50	10.0	Pumped 50 bbls Water Down the 9 5/8 Surface Casing
11/04/2010 09:26	Pump Cement	1.2	4	10.0	Pumped 4 bbls @ 15.8 ppg Down the 9 5/8 Surface Casing
11/04/2010 09:35	Shutdown				Shutdown / Wash Pump & Lines / Pull Out of Hole
11/04/2010 09:45	Pre-Rig Down Safety Meeting				Finished for the day, met w/crew to discuss the safety and hazards of rigging down the floor.
11/04/2010 10:00	Rig-Down Equipment				RIg down the floor & blow down lines. Left RCM on location for tomorrow.
11/04/2010 10:30	Depart Location for Service Center or Other Site				Entered into Journey Management
11/04/2010 13:30	Other				Ended Journey Management

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 300721	**Ship To #:** 2649838	**Quote #:**	**Sales Order #:** 7748486
Customer: WILLIAMS PRODUCTION RMT INC EBUSINE		**Customer Rep:** Kirkwood, Darren	
Well Name: SRR	**Well #:** 42-2		**API/UWI #:**
Field:	**City (SAP):** DUCHESNE	**County/Parish:** Duchesne	**State:** Utah
Legal Description: Section 2 Township 11S Range 11E			
Contractor: WORKOVER	**Rig/Platform Name/Num:** 1		
Job Purpose: Plug to Abandon Service			
Well Type: Producing Well	**Job Type:** Plug to Abandon Service		
Sales Person: SCOTT, KYLE	**Srvc Supervisor:** BIRCHELL, DEVIN	**MBU ID Emp #:** 466993	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
ASHBY, ANDREW A		450544	BEREECE, TERRY Lee		222819	BIRCHELL, DEVIN Ray		466993
BURKE, RYAN		480688	GAMBLES, BRAYDEN Kade		469413	POOLE, ALAN		338188
SMITH, KC Hyrum		462378	WOLFGRAMM, SHANE Brandon		479670			

Equipment

HES Unit #	*Distance-1 way*	HES Unit #	*Distance-1 way*	HES Unit #	*Distance-1 way*	HES Unit #	*Distance-1 way*
10248059	90 mile	10948685	90 mile	11127525	90 mile	11189139	90 mile
11263213	90 mile						

Job Hours

Date	*On Location Hours*	Operating Hours	Date	*On Location Hours*	Operating Hours	Date	*On Location Hours*	Operating Hours
TOTAL		*Total is the sum of each column separately*						

Job

Formation Name			
Formation Depth (MD)	**Top**	**Bottom**	
Form Type		**BHST**	
Job depth MD	7550. ft	**Job Depth TVD**	
Water Depth		**Wk Ht Above Floor**	
Perforation Depth (MD)	*From*	**To**	

Job Times

	Date	Time	Time Zone
Called Out	03 - Nov - 2010	03:00	MST
On Location	03 - Nov - 2010	08:00	MST
Job Started	03 - Nov - 2010	12:30	MST
Job Completed	03 - Nov - 2010	00:00	MST
Departed Loc	03 - Nov - 2010	00:00	MST

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Cement Plug	Unknown							.	100.		
Cement Plug	Unknown			.				3225.	3560.		
Cement Plug	Unknown			.				7215.	7550.		
4-1/2" Production Casing	Unknown		4.5	3.92	13.5			.	12005.		
9-5/8" Surface Casing	Unknown		9.625	8.921	36.		J-55	.	405.		

HALLIBURTON

Cementing Job Summary

9-5/8" Surface Casing	Unknown		9.625	8.835	40.		J-55	405.	3511.7		
2-3/8" Tubing	Unknown		2.375	1.995	4.7		N-80	.	7550.		

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			

Miscellaneous Materials

Gelling Agt		Conc		Surfactant		Conc		Acid Type		Qty		*Conc*	*%*
Treatment Fld		Conc		*Inhibitor*		Conc		Sand Type		*Size*		*Qty*	

Fluid Data

Stage/Plug #: 1

Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Plug #1 Cement	PLUGCEM (TM) SYSTEM (452969)	25.0	sacks	15.8	1.15	4.99		4.99
4.989 Gal		FRESH WATER							

Stage/Plug #: 2

Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density uom	Yield uom	Mix Fluid uom	Rate uom	Total Mix Fluid uom
1	Plug #2 Cement	PLUGCEM (TM) SYSTEM (452969)	25.0	sacks	15.8	1.16	5.0		5.0
1 %		CALCIUM CHLORIDE - HI TEST PELLET (100005053)							
5.004 Gal		FRESH WATER							

Stage/Plug #: 3

Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density uom	Yield uom	Mix Fluid uom	Rate uom	Total Mix Fluid uom
1	Plug #3 Cement	PLUGCEM (TM) SYSTEM (452969)	40.0	sacks	15.8	1.17	5.02		5.02
2 %		CALCIUM CHLORIDE - HI TEST PELLET (100005053)							
5.019 Gal		FRESH WATER							

Calculated Values		Pressures		Volumes					
Displacement		Shut In: Instant		Lost Returns		*Cement Slurry*		Pad	
Top Of Cement		5 Min		Cement Returns		Actual Displacement		Treatment	
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job	

Rates

Circulating		*Mixing*		*Displacement*		Avg. Job	

Cement Left In Pipe	Amount	*47 ft*	*Reason*	*Shoe Joint*

Frac Ring # 1 @		*ID*		*Frac ring # 2 @*		*ID*		*Frac Ring # 3 @*		*ID*		*Frac Ring # 4 @*		*ID*	

The Information Stated Herein Is Correct	***Customer Representative Signature***

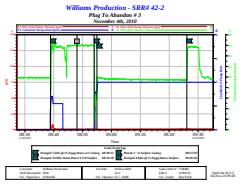
Summit Version:

Tuesday, November 16, 2010 16:11:00

RECEIVED November 17, 2010

HALLIBURTON

Data Acquisition



API Well No: 43013337580000

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: ML-48651

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL

8. WELL NAME and NUMBER: ST RESERVATION RIDGE 42-2

2. NAME OF OPERATOR: WILLIAMS PROD RMT CO

9. API NUMBER: 43013337580000

3. ADDRESS OF OPERATOR: 1515 Arapahoe Street Tower III Suite 1000, Denver, CO, 80202

PHONE NUMBER: 303 260-4504 Ext

9. FIELD and POOL or WILDCAT: WILDCAT

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2150 FNL 0786 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 02 Township: 11.0S Range: 11.0E Meridian: S

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
✓ SUBSEQUENT REPORT Date of Work Completion: 11/4/2010	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Amended attachment

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Attached amended wellbore diagram to indicate surface plug in annular space.
Corrects page 3 from P&A subsequent report attachment.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
11/22/2010

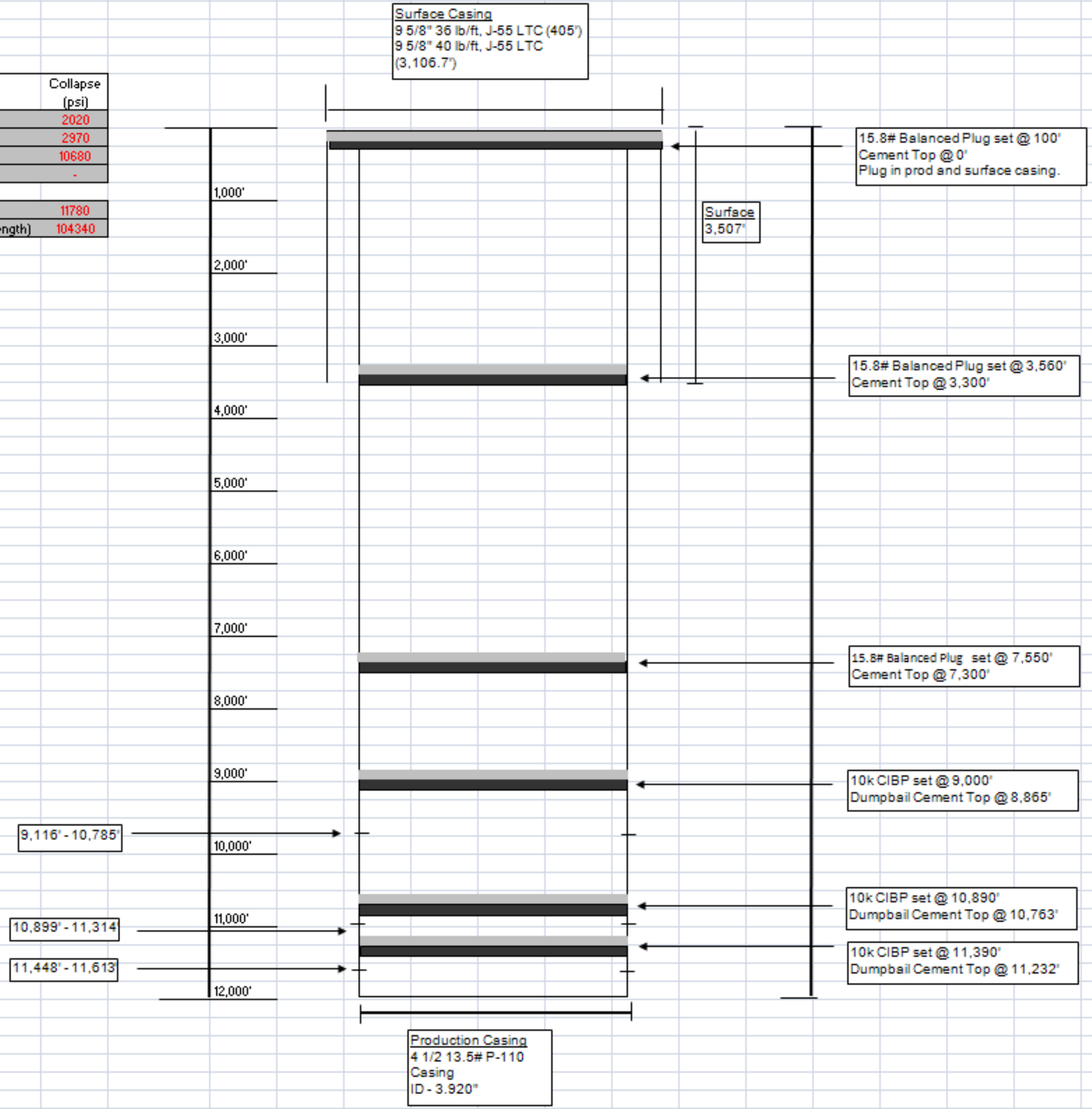
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Chris Medina	303 260-4504	Engineering Tech
SIGNATURE N/A		**DATE** 11/18/2010

RECEIVED November 18, 2010

Wellbore Information & General Completion info:

Wellname:	SRR 42-2
Location:	2-11S-11E
Field:	Wildcat

	Top MD (ft)	Bottom MD (ft)	OD (inch)	ID (inch)	Grade	Weight (lb/ft)	Burst (psi)	Collapse (psi)
Surface Casing	0	3507	9.625	8.765	J-55	36.0	3520	2020
	0	3507	9.925	8.679	J-55	40.0	3950	2970
Production Casing	0	12005	4.500	3.920	P110	13.5	12410	10680
Parasite String	0	3346	1.900	-	J-55	-	-	-
Tubing			2.375	1.995	N-80	4.7	11200	11780
							Upset (Yield Strength)	104340



RECEIVED November 18, 2010

API Well No: 43013337580000

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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1. TYPE OF WELL

8. WELL NAME and NUMBER: ST RESERVATION RIDGE 42-2

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PHONE NUMBER: 303 260-4504 Ext

9. FIELD and POOL or WILDCAT: WILDCAT

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2150 FNL 0786 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 02 Township: 11.0S Range: 11.0E Meridian: S

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
✓ SUBSEQUENT REPORT Date of Work Completion: 1/27/2011	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	✓ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

See attached file.

Accepted by the Utah Division of Oil, Gas and Mining

Date: 02/24/2011

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Chris Medina	303 260-4504	Engineering Tech
SIGNATURE		**DATE**
N/A		2/18/2011

The State Reservation Ridge 42-2 well site was reclaimed and reseeded. Work was initiated Jan. 13th to remove snow from Argyle Canyon Road. The reclamation work was initiated Jan. 17th and finished Jan. 27th. After all disturbed areas were reshaped, ripped and disked, erosion control was installed and the area was reseeded. The site was reseeded using Argyle Canyon seed mix A provided by the State of Utah School and Institutional Trust Lands Administration. The reclamation work was signed off by Jim Davis of SITLA. The final sign off will be completed after evidence of seed growth.

Attached are the following:

1) Final procedure for reclamation.
2) Seed certificates.
3) Post reclamation sign off sheet.

Exploration and Production
Plug & Abandon Procedure

Wellname: **State Reservation Ridge 42-2**
Location: **S2 T11S R11E**
Field/County: **Wildcat / Duchesne**

Prepared By: Darren Kirkwood
office phone: (303) 606-4374
cell phone: (720) 236-2395

Date: 12/28/2010

Surface Casing 1 - 9-5/8" 36 lb/ft, J-55 LTC (405') (Burst: 3520-psi, Collapse: 2020-psi)
Surface Casing 2 - 9-5/8" 40 lb/ft, J-55 LTC (3106.7') (Burst: 3950-psi, Collapse: 2970-psi)
Surface Casing Depth - 3507-ft
Parasite String - 1.9" 2.76# J-55 10rd Parasite Tubing (3346')

Production Casing - 4-1/2" 13.5 lb/ft, P-110 LT&C (Burst:12,410 psi; Collapse: 10,680 psi)
Production Casing Depth - 12,005-ft

TA Plug Back Depth - 10k CIBP Set @ 9,000-ft
Dumpbail Cement Tag @ 8,865-ft
Total Depth - 12,018-ft (Driller's depth)
Maximum Recorded Temp - 216 F

Correlate Log to - Schlumberger CH Log run on 12/22/2007
Cement Top ~2,650-ft

Marker Joint - 8,739'-8,772'
Formation Tops:

Uteland Butte	1,979'
Wasatch	3,383'
North Horn	5,583'
Price River	7,491'
Blue Castle	9,032'
Castlegate	9,609'
Blackhawk	9,969'
Starpoint	10,917'
Mancos	11,478'

Purpose: **Plug and Abandon SRR 42-2 wellbore**

Finished Operations (TA):
Finished 10/27/08
1. Abandon Perforations (11,448' - 11,609')
10k CIBP Set @ 11,390'
Dumpbail Cement Top @ 11,232'
2. Abandon Perforations (10,917' - 11,302')
10k CIBP Set @ 10,890'
Dumpbail Cement Top @ 10,763'
3. Abandon Perforations (9,130' - 10,772')
10k CIBP Set @ 9,000'
Dumpbail Cement Top @ 8,865'
Successfully Pressure Tested to 2500 psi (w/ rig pump)
No Open Perforations In the Wellbore
4. Hole circulated with 2% KCL water containing NALCO 3185 & NALCO 6106 (corrosion inhibitor & oxygen scavenger)

Proposed Procedure:
1. Notify State Representative of start of activity
Dan Jarvis (801)538 - 5338
2. Confirm No Pressure on Surface / Production Casing
No Pressure - Proceed, Pressure - Discuss with Engineering
*Current Wellhead Setup: Casing Head / Blank 7 1/16" 5k Top Flange / Bull plugs & Gauge replacing Surface & Production Casing Valves
*Surface Casing and Production casing valves chained to wellhead (Padlock combo is 4422)
3. MIRU Workover Rig / ~8,000' of 2 3/8" Tubing / Slickline
4. PU / RIH with Tubing to 7,550'
Set balanced cement plug (~25 sacks / ~335') cement (See HES cement design)
Tag up on Cement Top to verify depth (record depth) / Bury cement residue (~1 cubic yard) on location
5. PU/RIH with Tubing to 3,560'
Set balanced cement plug (~25 sacks / ~335') cement (See HES cement design)
Tag up on Cement Top to verify depth (record depth)
6. ND and Truck Wellhead Equipment to Weatherford Shop In Vernal to be located with Tubing Spool and Production Head (contact Travis Lavergne to offload (435) 789-0445)
7. Cutoff 4 1/2", 9 5/8" and 1.9" parasite string to below surface (~3')
8. Cap off Parasite String (weld on bull plug)
9. RIH w/ 3 joints Tubing - Set balanced cement plug inside 4 1/2" and outside 4 1/2" to 6' below surface (~40 sacks / ~100', See HES cement design)
10. Locate 4" diameter / 10' long pipe (w/ sign containing - well #, location, and name of lease in hole (4' above ground))
Cement pipe in place (cement to the top of the pipe) and backfill cellar
11. Submit Cement Reports and Cement Tag Depths to Engineering
12. Remediate Location
Notify State Representative 24 hours before start of activity (Dan Jarvis (801)5385338) / Notify SITLA Representative 24 hours before start of activity (Jim Davis (801)5385156)
Use precaution in plowing and traveling down Argyle Canyon road. Speed limit if not posted is 20 mph.
*Water access road and location as needed to control fugitive dust
All disturbed areas reshaped, ripped, disked and reseeded
Pits / Cellars / Rat Holes backfilled
Conductor pipe set for water well (never drilled) may need to cutoff to remediate location (see attached location layout schematic)
Small volume of cement buried 5' deep, 20' North of the dry hole marker
Access (0.15 mile road from Argyle Canyon Road to Location) and Location restored to blend with natural topography
Remove Culvert for access road
Erosion control installed - water bars, ditching, settling features (1.5' - 2.0'+ (deeper on steep topography) divots across location)
Top Soil distributed evenly over location
Seed disturbed areas per attached directions and seed mix (seed mix A) provided by SITLA (obtain records of mix and certification to verify seed mix does not contain noxious weed seed - submit to Williams)
4.0 acres of seed mix ordered and available at Granite Seed in Parachute, Colorado
Place boulders or a pile of logs to discourage travel across access road while the new seed is becoming established
Before moving equipment off of location: Meet with SITLA, Williams Representative, Contractor on location for a walkthru: additional work / verify the completion of the work

FROM:
Granite Seed Company 1697 W. 2100 N.
Lehi. UT 84043

MIX #: 75827 202949

SR 42-2

% PURE		DORM OR GERM + HARD	ORIGIN
24.20	CRESTED WHEATGRASS	EPHRAIM	96.00 + 0.00 - TZ WY
19.16	INTERMEDIATE WHEATGRASS	OAHE	97.00 + 0.00 - OR
17.43	NEEDLE AND THREAD	VNS	80.00 + 0.00 - TZ UT
15.84	RUSSIAN WILDRYE	BOZOISKY	88.00 + 0.00 - TZ CAN
9.68	PROSTRATE SUMMERCYPRESS	VNS	96.00 + 0.00 - TZ NV
4.84	LEWIS BLUE FLAX	APPAR	96.00 + 0.00 - TZ WA
4.69	YELLOW SWEETCLOVER	VNS	97.00 + 2.00 - CAN

0.19 Other Crop
3.94 Inert Matter
0.03 Weed Seed

Date Tested: 09/24/2010
Restricted Weed: None
% Hard Seed: 0.09

NET WEIGHT: 36.07 LBS. BULK
31.85 LBS. PLS

GUARANTEE: Granite Seed guarantees its seed to be of promised quality and true to name as specified. Should seed prove to be other than labeled, liability shall be limited to replacement or refund of purchase price

...IATION/MEDIATION MAY BE ...arbitration, mediation or ...as a prerequisite to maintaining a ...action based upon the failure of seed to which this notice is attached to produce as represented. The consumer shall file a complaint along with the required filing fee (where applicable) with the Commissioner/Director/Secretary of Agriculture, Seed Commissioner, or Chief Agricultural Officer within such time as to permit inspection of the crops, plants or trees by the designated agency and the seeds man from whom the seed was purchased. A copy of the complaint shall be sent to the seller by certified or registered mail or as otherwise provided by state statute.

SHIP TO: WILLIAMS PRODUCTION RMT
MIKE SHOEMAKER 970-366-6429
1058 CO ROAD 215
PARACHUTE, CO 81635

FROM:
Granite Seed Company 1697 W. 2100 N.
Lehi. UT 84043

MIX # 75827 202949

SR 42-2

% PURE		DORM OR GERM + HARD	ORIGIN
24.20	CRESTED WHEATGRASS	EPHRAIM	96.00 + 0.00 - TZ WY
19.16	INTERMEDIATE WHEATGRASS	OAHE	97.00 + 0.00 - OR
17.43	NEEDLE AND THREAD	VNS	80.00 [illegible]
15.84	RUSSIAN WILDRYE	BOZOISK[illegible]	[illegible].00 - TZ CA
9.68	PROSTRATE SUMMER[illegible]	[illegible] VNS	96.00 + 0.00 - TZ NV
[illegible]	[illegible] FLAX	APPAR	96.00 + 0.00 - TZ WA
[illegible]	[illegible]LLOW SWEETCLOVER	VNS	97.00 + 2.00 - CAN

0.19 Other Crop
3.94 Inert Matter
0.03 Weed Seed

Date Tested: 09/24/2010
Restricted Weed: None
% Hard Seed: 0.09

NET WEIGHT: 50.00 LBS. BULK
44.15 LBS. PLS

GUARANTEE: Granite Seed guarantees its seed to be of promised quality and true to name as specified. Should seed prove to be other than labeled, liability shall be limited to replacement or refund of purchase price.

NOTICE - ARBITRATION/CONCILIATION/MEDIATION MAY BE REQUIRED

Under the seed laws of several states arbitration, mediation or conciliation is required as a prerequisite to maintaining a legal action based upon the failure of seed to which this notice is attached to produce as represented. The consumer shall file a complaint along with the required filing fee (where applicable)

with the Commissioner/Director/Secretary of Agriculture, Seed Commissioner, or Chief Agricultural Officer within such time as to permit inspection of the crops, plants or trees by the designated agency and the seeds man from whom the seed was purchased. A copy of the complaint shall be sent to the seller by certified or registered mail or as otherwise provided by state statute

SHIP TO: WILLIAMS PRODUCTION RMT
MIKE SHOEMAKER 970-366-6429
1058 CO ROAD 215
PARACHUTE. CO 81635

Williams.

Reclamation Startup Sheet

Pad name SRR42-2
Mix pit ____
Re contour full Reclamation
Remediation ____
Pit tested ____

Date 1/17/2011
BLM notified N/A
Landowner notified Yes
Production notified N/A
Drilling notified N/A
Reclamation
Notified Yes

Comments: full reclamation: pull up slopes to fill in cut, per reclamation design. match [illegible] contours. mix snow into fill material to provide moisture for [illegible] settling.

Post construction onsite to be set for roughly the last day of const. Marty to call me with timing.

1/25/2011 pad near completion of subgrade little to fill in Northwest corner complete swells on pad place topsoils and rip. Realign Rd. I will Return to inspect and take final Photos on Thurs. the 27th. Job should be completed. 1/27/2011 everything Looked good on my final visit settling ponds in place drainages in place ripped and seeding in progress

Construction Forman Wally Hamm
Drilling ____
Contractor Marty Seely MB Construction
BLM ____
Production ____
Reclamation ____

Post reclaim signoff **Date** 1/25/2011

Construction Forman Wally Hamm
Drilling ____
Reclamation Michael R. Shuler
Production ____
BLM/land [signature] Jim Davis (Sitla)
Contractor Marty Seely

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

X - Change of Operator (Well Sold) Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective: **1/1/2012**

FROM: (Old Operator):	**TO:** (New Operator):
N1945- Williams Production RMT Company	N3830- WPX Energy Mountain, LLC
Phone: 1 (303) 572-3900	Phone: 1 (303) 606-4355

CA No. **Unit:** N/A

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
ST RESERVATION RIDGE 42-2	2	11S	11E	4301333758	16457	State	D	PA

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on:
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on:
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 1/10/2013
4a. Is the new operator registered in the State of Utah: Business Number: 5074893-0161
5a. (R649-9-2)Waste Management Plan has been received on:
5b. Inspections of LA PA state/fee well sites complete on: 6/21/2011
5c. Reports current for Production/Disposition & Sundries 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: BLM BIA
7. **Federal and Indian Units:**
   The BLM or BIA has approved the successor of unit operator for wells listed on:
8. **Federal and Indian Communization Agreements ("CA"):**
   The BLM or BIA has approved the operator for all wells listed within a CA on:
9. **Underground Injection Control ("UIC")** 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:

1. Changes entered in the **Oil and Gas Database on:** 1/10/2012
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 1/10/2013
3. Bond information entered in RBDMS on: 1/10/2013
4. Fee/State wells attached to bond in RBDMS on: 1/10/2013
5. Injection Projects to new operator in RBDMS on: N/A
6. Receipt of Acceptance of Drilling Procedures for APD/New on: N/A

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: N/A
2. Indian well(s) covered by Bond Number: N/A
3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 6470876
3b. The **FORMER** operator has requested a release of liability from their bond on: N/A

LEASE INTEREST OWNER NOTIFICATION:

4. (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:

9/30/2010 Name change from Williams Production RMT Company to Williams Production RMT Company, LLC
1/1/2012 Name chagne from Williams Production RMT Company, LLC to WPX Energy Rocky Mountain, LLC
1/10/2013 Opeartor Change made to move well under correct opeartor and to clean up bond records.

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: ML-48651

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:

1. TYPE OF WELL

8. WELL NAME and NUMBER: ST RESERVATION RIDGE 42-2

2. NAME OF OPERATOR: WILLIAMS PROD RMT CO

9. API NUMBER: 43013337580000

3. ADDRESS OF OPERATOR: 1515 Arapahoe Street Tower III Suite 1000, Denver, CO, 80202

PHONE NUMBER: 303 260-4504 Ext

9. FIELD and POOL or WILDCAT: WILDCAT

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2150 FNL 0786 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 02 Township: 11.0S Range: 11.0E Meridian: S

COUNTY: DUCHESNE

STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
✓ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
January 30, 2013

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Chris Medina	303 260-4504	Engineering Tech
SIGNATURE		**DATE**
N/A		1/9/2013

RECEIVED: Jan. 30, 2013

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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5.LEASE DESIGNATION AND SERIAL NUMBER: ML-48651

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL

8. WELL NAME and NUMBER: ST RESERVATION RIDGE 42-2

2. NAME OF OPERATOR: WPX ENERGY ROCKY MOUNTAIN, LLC

9. API NUMBER: 43013337580000

3. ADDRESS OF OPERATOR: 1001 17th Street, Suite 1200 , Denver, CO, 80202

PHONE NUMBER: 303 606-4297 Ext

9. FIELD and POOL or WILDCAT: WILDCAT

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2150 FNL 0786 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 02 Township: 11.0S Range: 11.0E Meridian: S

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☑ SUBSEQUENT REPORT Date of Work Completion: 11/21/2012	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
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	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Accepted by the Utah Division of Oil, Gas and Mining

Date: June 14, 2013

By: Dan Jarvis

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Chris Medina	303 260-4504	Engineering Tech
SIGNATURE		**DATE**
N/A		5/23/2013

RECEIVED: May. 23, 2013

To address issues raised by Jim Davis (SITLA) regarding State Reservation Ridge 42-2 pad reclamation (specifically on the Northeast side), wattles were installed on 11/07/12 & 11/14/12 to control rilling and erosion. Additional reseeding was done on 11/21/12

See attached for:

1) Seed tag images
2) Images of wattle installation

RECEIVED: May. 23, 2013

From: Granite Seed - Lehi
1697 W 2100 N
Lehi, UT 84043

Mix Name: Custom Mix **1-15549**

Mix # 111380 **Argyle/Nine Mine Mix A (SR 42-2)**

% Pure	Common Name	Variety	G + D or H	Origin
24.06	CRESTED WHEATGRASS	Kirk	96 -TZ	CAN
19.87	INTERMEDIATE WHEATGRASS	Oahe	93 + 0 = 93	SD
15.23	RUSSIAN WILDRYE	Bozoisky	91 -TZ	MT
14.74	NEEDLE & THREAD GRASS	VNS	94 -TZ	WY
10.04	FORAGE KOCHIA	VNS	92 -TZ	UT
5.25	YELLOW SWEETCLOVER	Yellow Blossom	80 + 8 = 88	CAN
4.76	LEWIS BLUE FLAX	Columbia	97 -TZ	WA

0.69 Other Crop Date Tested: 21-MAR-12

5.29 Inert Matter % Hard Seed: 0.42

0.17 Weed Seed Noxious Weed: curly dock

Net Weight: 19.00 Lbs. PLS 21.65 Lbs. Bulk

Coverage: 1 Acre

NOTICE TO BUYER LIMITATIONS OF WARRANTIES AND REMEDIES

Crop yield and quality are dependent upon many factors beyond the control of the labeled seller and NO WARRANTY is made for crop yield and quality. The labeled seller warrents that all seed sold has been labeled as required under applicable state and federal seed law and that the seed conforms to the label description, within recognized tolerances. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE LABEL.

No claim shall be asserted against the labeled seller unless Buyer reports to the labeled seller within a reasonable period after discovery (not to exceed thirty days), any condition that might lead to a complaint. BUYER'S EXCUSIVE REMEDY FOR ANY CLAIM OR LOSS RESULTING FROM BREACH OF WARRANTY, BREACH OF CONTRACT OR NEGLIGENCE (INCLUDING BUT NOT LIMITED TO INCIDENTAL OR CONSEQUENTIAL DAMAGES) SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE.

By acceptance of the seed, Buyer agrees the terms and conditions stated above are a benefit to the bargain and constitute the entire agreement between Buyer and the labeled seller. Buyer shall return the original unopened seed package to the labeled seller within twenty days of receipt for a refund of the purchase price if not accepted under these terms.

NOTICE: REQUIRED ARBITRATION / CONCILIATION / MEDIATION

The seed laws of several states including Arkansas, California, Colorado, Florida, Georgia, Idaho, Illinois, Indiana, Minnesota, Mississippi, North Dakota, South Carolina (Section 46-21-260), South Dakota, Texas and Washington require arbitration, conciliation or mediation of disputes involving alleged defective seed before certain legal actions may be maintained against a seller. North Caroline offers an alternative to court action that allows claims to be investigated and heard before the Special Seed Board. A complaint (sworn for AR, CO, FL, IL, IN, MN, MS, NC, SC, TX, WA; signed only, CA, GA, ID, ND, SD) must be filed with the Department of Agriculture or Seed Commissioner (IN) or State Plant Board (AR) or Commissioner of Agriculture (NC) within such time to permit an inspection of seed, crops or plants (by an Arbitration Committee – AR, ID, MS, SC). In NC, failure to follow this procedure will limit the amount of damages recoverable. Certified copy of complaint must be sent by registered mail to the labeled seller as provided in individual state law. Information about these requirements may be obtained from the state Department of Agriculture.

Ship To:
WPX Energy Rocky Mountain, LLC
WPX Warehouse
Attn: Mike Shoemaker - 970-250-5778
3555 County Road 215
Parachute, CO 81635

From: Granite Seed - Lehi
1697 W 2100 N
Lehi, UT 84043

Mix Name: Custom Mix **1-15549**

Mix # 111380 **Argyle/Nine Mine Mix A (SR 42-2)**

% Pure	Common Name	Variety	G + D or H	Origin
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Ship To:
WPX Energy Rocky Mountain, LLC
WPX Warehouse
Attn: Mike Shoemaker - 970-250-6778
3555 County Road 215
Parachute, CO 81635

Sundry Number: 38205 API Well Number: 4301333758000

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

FORM 9

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PHONE NUMBER: 303 606-4297 Ext

9. FIELD and POOL or WILDCAT: WILDCAT

4. LOCATION OF WELL
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QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 02 Township: 11.0S Range: 11.0E Meridian: S

COUNTY: DUCHESNE

STATE: UTAH

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TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 5/24/2013	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
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	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

When weather and personnel allow (within the next 3 months), reclamation site will be sprayed for Houndstongue per request from Jim Davis at SITLA.

Approved by the Utah Division of Oil, Gas and Mining

Date: June 14, 2013

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Chris Medina	303 260-4504	Engineering Tech
SIGNATURE		**DATE**
N/A		5/23/2013

RECEIVED: May. 23, 2013