

NOTICE OF INTENT

Application for Coverage under General Permit 00000-WG-P
Construction, Operation, and Closure of Pits Associated
with Oil and Gas Well Exploration

Permit Tracking No.:	AFIN No.:
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1. Information on Operator Requesting Permit:

Legal Name of Facility: Southwestern Energy Company		Name of Facility:	
Contact Name: George Sheffer		Title: V.P. E&P Services	
Address: PO Box 789		Fax:	
City: Conway	State: AR	Zip Code: 72032	
Phone Number:		E-Mail:	

2. Information on Contractor if different from Operator (a representative at the well site during drilling activities):

Name of Facility:			
Contact Name:		Title:	
Address:		Fax:	
City:	State:	Zip Code:	
Phone Number:		E-Mail:	

3. Information on Reserve Pit Location

Address or location: 4.25 Miles Northeast From Wilburn, AR			
City: Wilburn	State: AR	Zip Code: 72179	County: Cleburne
Latitude <u>35° 31' 26.2194" N</u>	Longitude <u>-91° 48' 57.6246" W</u>	Source Datum: WGS 84 <input type="checkbox"/> NAD 27 <input checked="" type="checkbox"/> NAD 83 <input type="checkbox"/>	
Well Name: Green Bay Packaging 10-08, #3-02H35	Section 02	Township 10N	Range 08W
Nearest City/Town: Wilburn	Name of & Distance to the Nearest Stream: 0.05 Miles West to an unnamed branch of Big Creek		
Describe the location of and directions to the land application site with respect to roads, towns and other easily identifiable landmarks: SEE ENCLOSED PLAT			

4. Information on Reserve Pit Construction

Width 75 ft	Length 230 ft	Depth (exclude 2' freeboard) 8 ft	Wall slope: 3:1
Type of Liner: Primary Clay with secondary 40 Mil synthetic			
Type of Fluid System: Fresh Water <input type="checkbox"/> Oil/Diesel <input checked="" type="checkbox"/> Gas/Air <input checked="" type="checkbox"/> Other <input type="checkbox"/> (explain)			

5. Is this applicant a corporation? Yes No State _____ If "Yes", the operator certifies by signature of the certification below that the corporation is registered with the Secretary of State of Arkansas.

6. Has an NOI to drill oil and gas been filed with AOGC? Yes Date _____ No

8. The applicant certifies by signing the certification below that a copy of the NOI with a location map was submitted to the Arkansas Department of Health (ADH) and County Judge of the county where the pit is to be located.
9. Applicant must also submit the following documents for ADEQ review with this NOI:
- Topographic map showing well location and receiving streams or ponds within 1/2 mile.
 - Pit schematic and location.
 - Completed "Disclosure Statement". The Disclosure Form may be obtained from ADEQ on the website at http://www.adeg.state.ar.us/disclosure_stmt.pdf.
 - Fee of \$ 300.00 Check # _____

10. Cognizant Official (Duly Authorized Representative):

- All reports required by the permit, or other information requested by the Director, shall be signed by the applicant (or person authorized by the applicant) or by a duly authorized representative of that person. A person is a duly authorized representative only if:
 - The authorization is made in writing by the applicant.
 - The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity such as the position of plant manager, superintendent, position of equal responsibility, or an individual or position having overall responsibility for environmental matters for the company.
 - The authorization is submitted to the Director.
- The applicant hereby designates the following person as duly authorized representative, for signing reports required by the permit, and other information requested by the Director:

Typed or Printed Name	Title	Telephone No.
Signature	Date Signed	

The applicant certifies by signing certification below that the above named individual is qualified to act as a duly authorized representative. (NOTE: If no duly authorized representative is designated herein, the Department considers the applicant to be the cognizant official for the facility and only reports signed by the applicant will be accepted by the Department)

11. Certification and Signatory Requirements:

- Signature on Notice of Intent (NOI): The Notice of Intent must be signed below by a person authorized (Operator) under the provisions of state law. Applicants should be familiar with the provisions regarding signatory authority which are described in the general permit.
- Certification: The applicant and any person signing a document required under this permit must make the following certification:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

George Sheffer	Vice President E 9 P	501 540-6001
Signature	Date Signed	

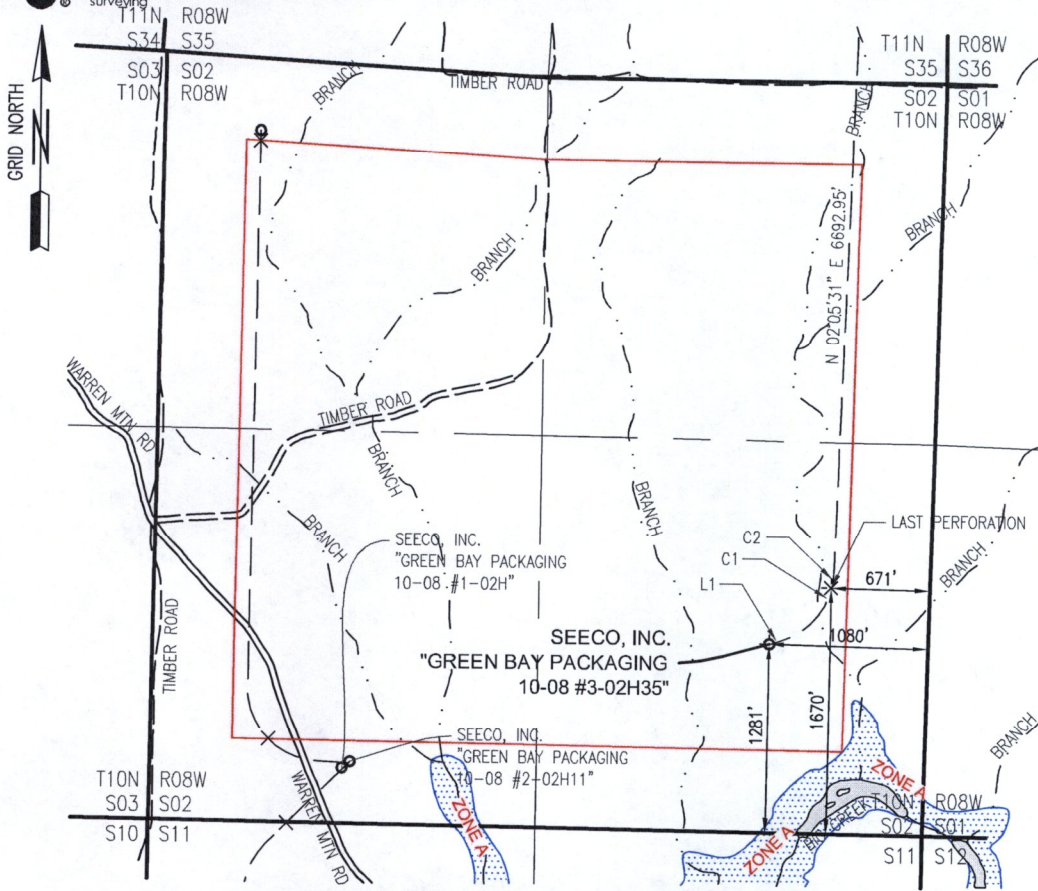
800 Exchange Ave., Suite 201
 Conway, Arkansas 72032
 501.328.3316 + 501.328.3325 f
 www.craftontullsparks.com

(BY GRAPHIC PLOTTING ONLY,
 FEMA FIRM UNINCORPORATED AREA OF
 CLEBURNE COUNTY, ARKANSAS;
 COMMUNITY PARCEL NO. 050424 PANEL 0200D
 EFFECTIVE: FEBRUARY 16, 2006)

DRAFT
07-12-2010



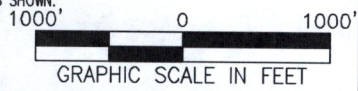
Crafton Tull Sparks



NUMBER	DELTA ANGLE	RADIUS	ARC LENGTH	TANGENT	DEGREE OF CURVE	CHORD DIRECTION	CHORD LENGTH
C1	59°01'05"	500.00	515.03	282.99	11°27'33"	N 43°17'37" E	492.56
C2	11°41'33"	500.00	102.04	51.20	11°27'33"	N 07°56'18" E	101.86

NUMBER	BEARING	DISTANCE
L1	N 72°48'09" E	84.97'
L2	N 02°05'31" E	70.00'

CERTIFICATION:
 I HEREBY CERTIFY THAT THE ABOVE
 DESCRIBED WELL LOCATION WAS SURVEYED
 AND STAKED ON THE GROUND AS SHOWN.



DRIVING DIRECTIONS:
 FROM THE INTERSECTION OF STATE HIGHWAY 286 & I-40 (EXIT 129) AT CONWAY, ARKANSAS, TRAVEL WEST ON I-40 FOR 4.32 MILES, TAKE EXIT 129 FOR US-65 N TOWARD US 65B S/GREENBRIER/HARRISON AND TRAVEL ±0.3 MILES, KEEP RIGHT AT THE FORK, FOLLOW SIGNS FOR US-65 N AND MERGE ONTO US-65 N AND TRAVEL ±11.8 MILES, SLIGHT RIGHT AT AR-25 N AND TRAVEL ±14.7 MILES, SLIGHT LEFT AT AR-25 N/WEBER SPRINGS RD W AND TRAVEL ±11.8 MILES, SLIGHT LEFT AT AR-25 N/AR-5 N/WEBER SPRINGS RD AND TRAVEL ±4.0 MILES, TURN RIGHT AT SOUTHRIDGE PKWY (EAST) AND TRAVEL ±482 FEET, TURN LEFT TO STAY ON SOUTHRIDGE PKWY (NORTH) AND TRAVEL ±0.3 MILES, TURN RIGHT AT AR-110 E/WILBURN RD (EAST) AND TRAVEL ±7.3 MILES, SLIGHT LEFT AT CO RD 81 /TYLAR RD (NORTHEAST) AND TRAVEL ± 4.7 MILES, TURN RIGHT ONTO A PROPOSED SEECO, INC. LEASE RD AND TRAVEL ±66.30 FEET TO A SEECO, INC. PROPOSED GAS WELL LOCATION IN TIMBER.

COMPANY: SEECO, Inc. **Swn** Production Company™
WELL NAME: GREEN BAY PACKAGING 10-08
WELL #: #3-02H35
LOCATION: SECTION 02, T-10-N, R-08-W
 CLEBURNE COUNTY, ARKANSAS

DISTANCE / DIRECTION FROM NEAREST TOWN: ±4.25 MILES NORTHEAST FROM WILBURN, ARKANSAS 72179
PROJECT COORDINATE SYSTEM ESTABLISHED WITH GPS RECEIVER, RTK METHOD, AND NGS-OPUS BASE STATION.

BOTTOM HOLE LOCATION: S35, T11N-R08W
 3350 FEET FROM SOUTH SECTION LINE
 660 FEET FROM EAST SECTION LINE
SURFACE HOLE LOCATION: S02, T10N-R08W
 1281 FEET FROM SOUTH SECTION LINE
 1080 FEET FROM EAST SECTION LINE
ELEVATION MSL: 507.1

GEOGRAPHIC COORDINATE SYSTEM (NAD 27):
 LATITUDE: 35.543654
 LONGITUDE: -91.813685
GEOGRAPHIC COORDINATE SYSTEM (NAD 27):
 LATITUDE: 35.523950
 LONGITUDE: -91.816007

UNIVERSAL TRANSVERSE MERCATOR (UTM NAD 27, ZONE 15, FEET):
 NORTHING: 12,906,086.299
 EASTING: 1,993,228.795
UNIVERSAL TRANSVERSE MERCATOR (UTM NAD 27, ZONE 15, FEET):
 NORTHING: 12,898,908.304
 EASTING: 1,992,624.375

STATE PLANE COORDINATE SYSTEM (NAD 27, AR NORTH ZONE, FEET):
 NORTHING: 440,573.084
 EASTING: 2,055,427.638
STATE PLANE COORDINATE SYSTEM (NAD 27, AR NORTH ZONE, FEET):
 NORTHING: 433,400.196
 EASTING: 2,054,750.316

LEGEND:	REVISIONS	DATE:
○ PROPOSED SURFACE HOLE / BOTTOM HOLE		7-1-2010
⊛ EXISTING / PRODUCING WELLHEAD		BK: 160 PG: 35-36
⊗ ABANDONED WELL		DRAWN BY: S.SANDER
⊕ PLUGGED & ABANDONED WELL		SCALE: 1" = 1000'
		DRAWING NO.
		SHEET NO. 1 OF 4

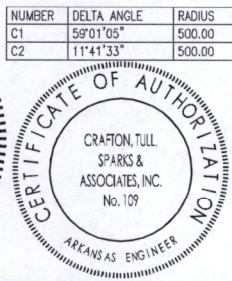
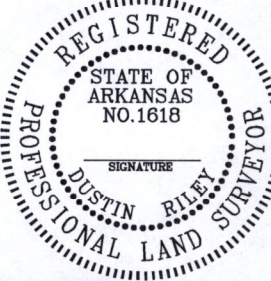
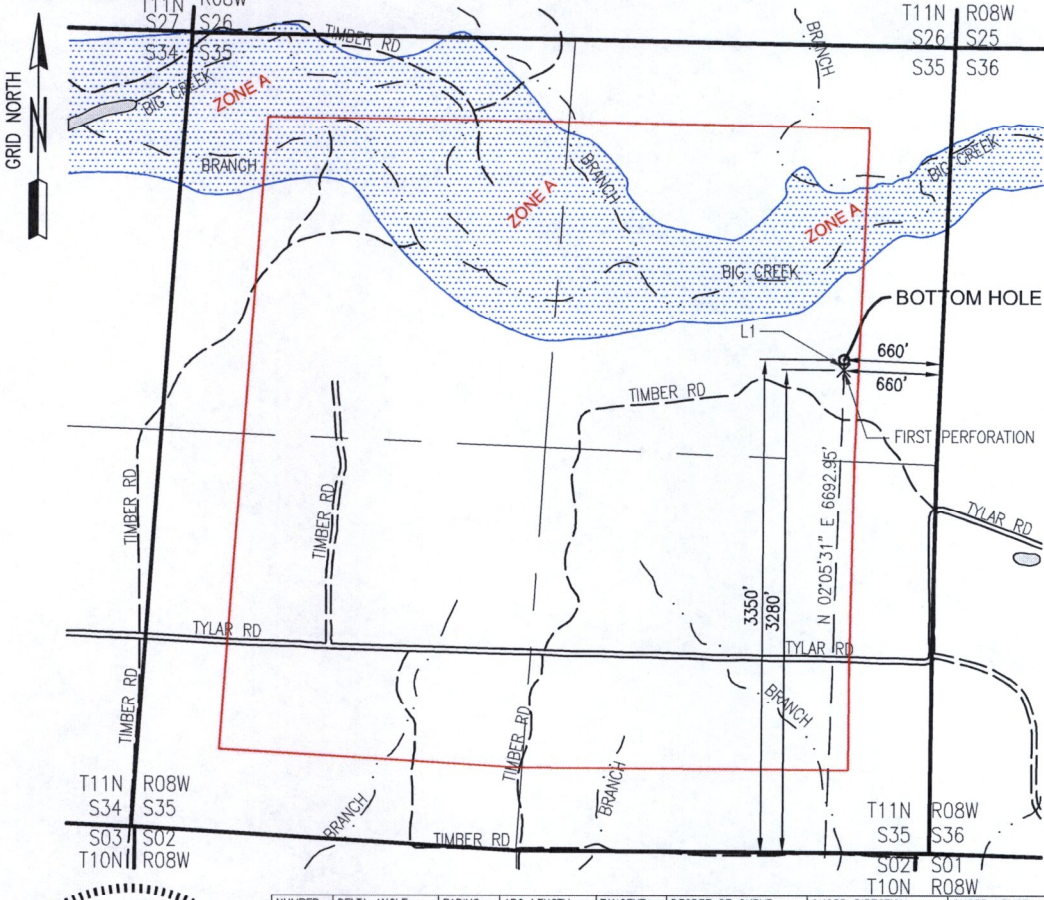
800 Exchange Ave., Suite 201
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(BY GRAPHIC PLOTTING ONLY,
 FEMA FIRM UNINCORPORATED AREA OF
 CLEBURNE COUNTY, ARKANSAS;
 COMMUNITY PARCEL NO. 050424 PANEL 02000
 EFFECTIVE: FEBRUARY 16, 2006)

DRAFT
07-12-2010



Crafton Tull Sparks
 surveying

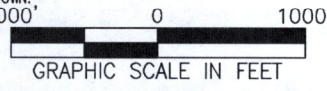


NUMBER	DELTA ANGLE	RADIUS	ARC LENGTH	TANGENT	DEGREE OF CURVE	CHORD DIRECTION	CHORD LENGTH
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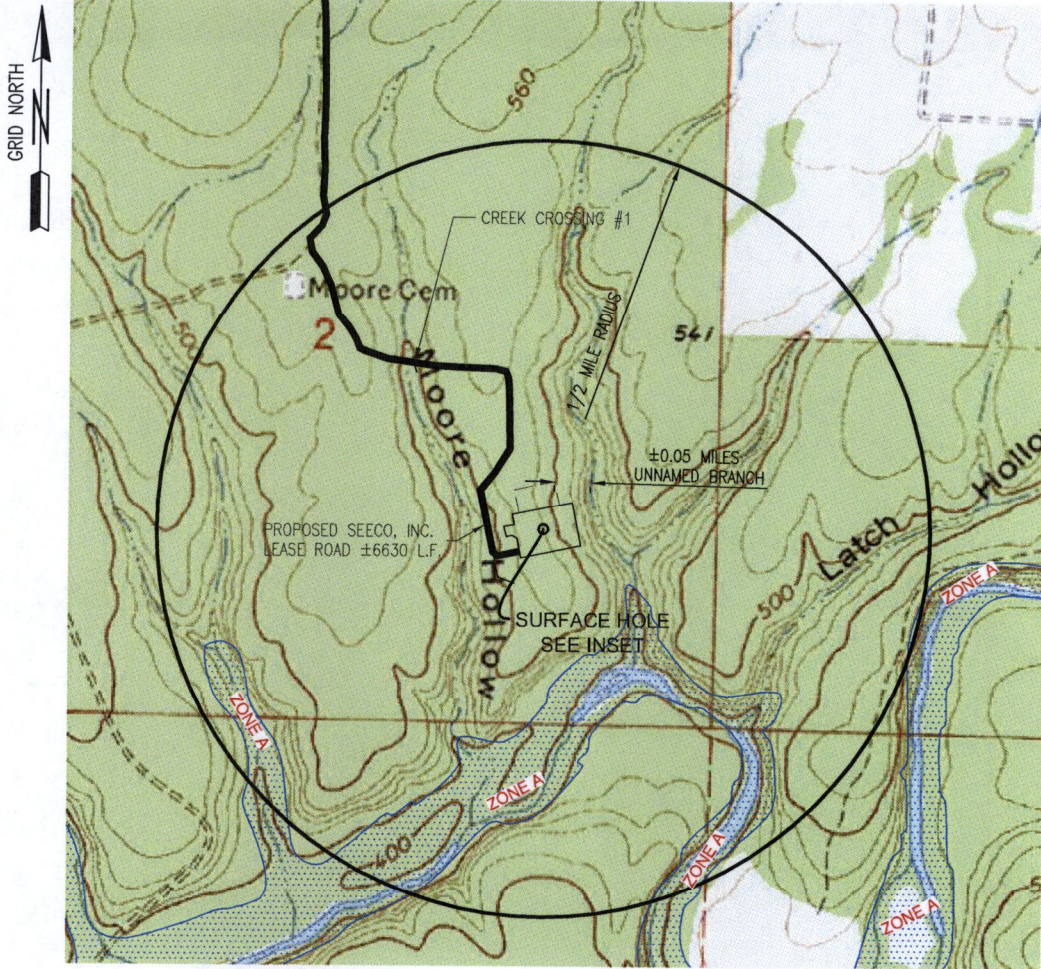
CERTIFICATION:

I HEREBY CERTIFY THAT THE ABOVE DESCRIBED WELL LOCATION WAS SURVEYED AND STAKED ON THE GROUND AS SHOWN.

NUMBER	BEARING	DISTANCE
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L2	N 02°05'31" E	70.00'



DRIVING DIRECTIONS: FROM THE INTERSECTION OF STATE HIGHWAY 286 & I-40 (EXIT 129) AT CONWAY, ARKANSAS, TRAVEL WEST ON I-40 FOR ±3.2 MILES, TAKE EXIT 125 FOR US-85 N TOWARD US 638 S/GREENBER/HARRISON AND TRAVEL ±0.3 MILES, KEEP RIGHT AT THE FORK, FOLLOW SIGNS FOR US-85 N AND MERGE ONTO US-85 N AND TRAVEL ±11.8 MILES, SLIGHT RIGHT AT AR-25 N AND TRAVEL ±14.7 MILES, SLIGHT LEFT AT AR-25 N/HEBER SPRINGS RD W AND TRAVEL ±11.8 MILES, SLIGHT LEFT AT AR-25 N/AR-5 N/HEBER SPRINGS RD AND TRAVEL ±4.0 MILES, TURN RIGHT AT SOUTHRIDGE PKWY (EAST) AND TRAVEL ±492 FEET, TURN LEFT TO STAY ON SOUTHRIDGE PKWY (NORTH) AND TRAVEL ±0.3 MILES, TURN RIGHT AT AR-110 E/WILBURN RD (EAST) AND TRAVEL ±7.3 MILES, SLIGHT LEFT AT CO RD 81 /TYLAR RD (NORTHEAST) AND TRAVEL ± 4.7 MILES, TURN RIGHT ONTO A PROPOSED SEECO, INC. LEASE RD AND TRAVEL ±6630 FEET TO A SEECO, INC. PROPOSED GAS WELL LOCATION IN TIMBER.		COMPANY: SEECO, Inc. <i>SECO</i> Production Company™	
WELL NAME: GREEN BAY PACKAGING 10-08 WELL #: #3-02H35		LOCATION: SECTION 02, T-10-N, R-08-W CLEBURNE COUNTY, ARKANSAS	
DISTANCE / DIRECTION FROM NEAREST TOWN: ±4.25 MILES NORTHEAST FROM WILBURN, ARKANSAS 72179		PROJECT COORDINATE SYSTEM ESTABLISHED WITH GPS RECEIVER, RTK METHOD, AND NGS-OPUS BASE STATION.	
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LEGEND: ○ PROPOSED SURFACE HOLE / BOTTOM HOLE ✱ EXISTING / PRODUCING WELLHEAD ✕ ABANDONED WELL ✕ PLUGGED & ABANDONED WELL		REVISIONS: DATE: 7-1-2010 BK: 160 PG: 35-36 DRAWN BY: S.ANDER SCALE: 1" = 1000' DRAWING NO. SHEET NO. 2 OF 4	



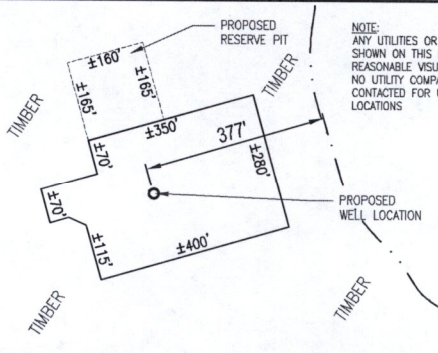
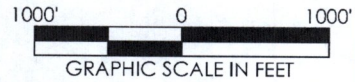
(BY GRAPHIC PLOTTING ONLY,
 FEMA FIRM UNINCORPORATED AREA OF
 CLEBURNE COUNTY, ARKANSAS;
 COMMUNITY PARCEL NO. 050424 PANEL 0200D
 EFFECTIVE: FEBRUARY 16, 2006)

NAME AND DISTANCE TO THE NEAREST STREAM:
 AN UNNAMED BRANCH OF BIG CREEK IS LOCATED ±0.05
 MILES WEST OF THE RESERVE PIT.



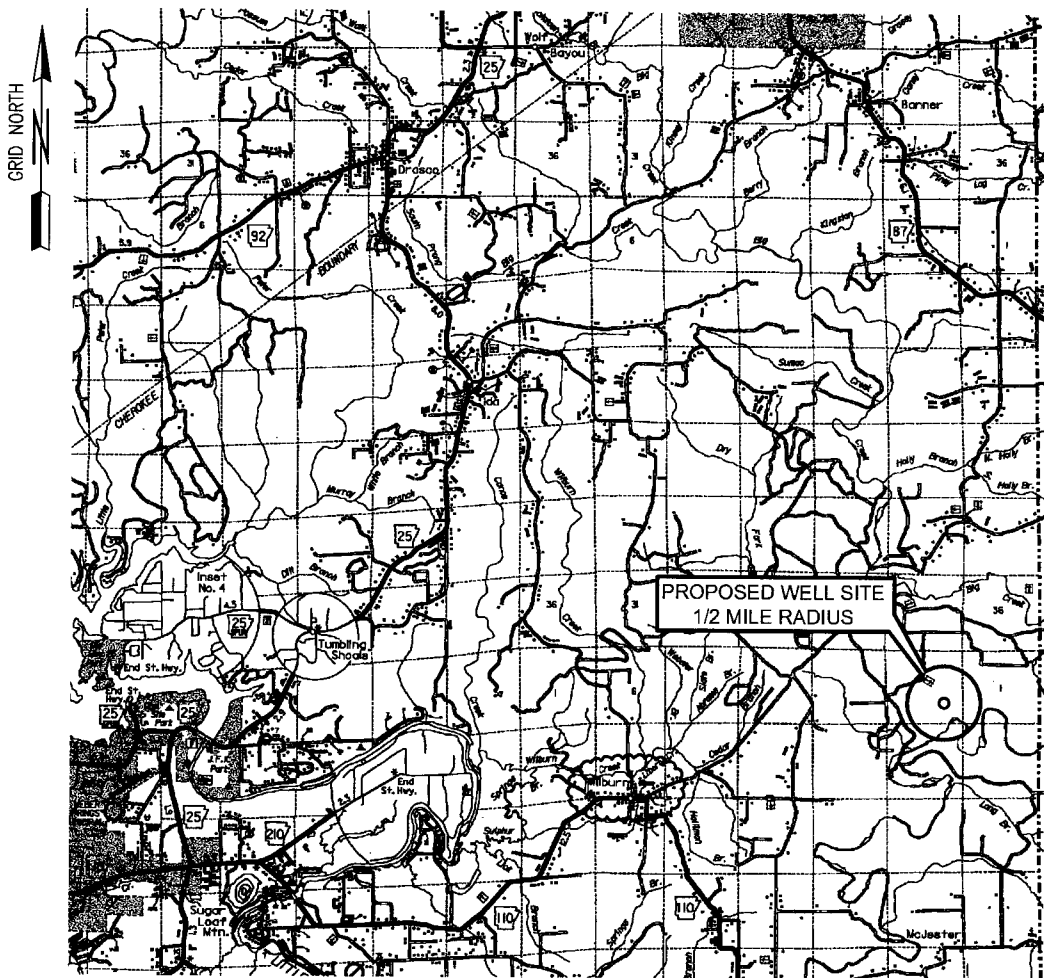
QUADRANGLE LOCATION
FLORAL, ARK.
 N3530-W9145/7.5
 AMS 7655 III SE-SERIES V884

CREEK CROSSING #1
 GEOGRAPHIC COORDINATE SYSTEM (NAD, 27)
 • LATITUDE: 35.527058
 • LONGITUDE: -91.818987



NOTE:
 ANY UTILITIES OR IMPROVEMENTS
 SHOWN ON THIS PLAT ARE FROM
 REASONABLE VISUAL OBSERVATIONS.
 NO UTILITY COMPANIES WERE
 CONTACTED FOR UTILITY LINE
 LOCATIONS

COMPANY: SEECO, Inc. SWN <i>R-V+</i> Production Company™	
WELL NAME:	GREEN BAY PACKAGING 10-08
WELL #:	#3-02H35
LOCATION:	SECTION 02, T-10-N, R-08-W CLEBURNE COUNTY, ARKANSAS
SURFACE HOLE LOCATION:	S35, T11N-R08W 1281 FEET FROM SOUTH SECTION LINE 1080 FEET FROM EAST SECTION LINE
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LEGEND:	REVISIONS
○ PROPOSED SURFACE HOLE / BOTTOM HOLE	DATE: 7-1-2010
✱ EXISTING / PRODUCING WELLHEAD	BK: 160 PG: 35-36
✱ ABANDONED WELL	DRAWN BY: S.ANDER
✱ PLUGGED & ABANDONED WELL	SCALE: 1" = 1000'
	DRAWING NO.
	SHEET NO. 3 OF 4



GRID NORTH



PROPOSED WELL SITE
 1/2 MILE RADIUS



GENERAL HIGHWAY MAP
CLEBURNE COUNTY
ARKANSAS

PREPARED BY
 ARKANSAS STATE HIGHWAY TRANSPORTATION DEPARTMENT
 DIVISION OF PLANNING AND RESEARCH
 IN COOPERATION WITH
 U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION

NAME AND DISTANCE TO THE NEAREST STREAM:
 AN UNNAMED BRANCH OF BIG CREEK IS LOCATED
 ±0.05 MILES WEST OF THE RESERVE PIT.



DRIVING DIRECTIONS:

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COMPANY:

SEECO, Inc.



WELL NAME: GREEN BAY PACKAGING 10-08
WELL #: #3-02H35

LOCATION: SECTION 02, T-10-N, R-08-W
 CLEBURNE COUNTY, ARKANSAS

SURFACE HOLE LOCATION: S02, T10N-R08W
 1281 FEET FROM SOUTH SECTION LINE
 1080 FEET FROM EAST SECTION LINE

DISTANCE / DIRECTION FROM NEAREST TOWN:
 ±4.25 MILES NORTHEAST FROM WILBURN, ARKANSAS 72179

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 3350 FEET FROM SOUTH SECTION LINE
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LEGEND:

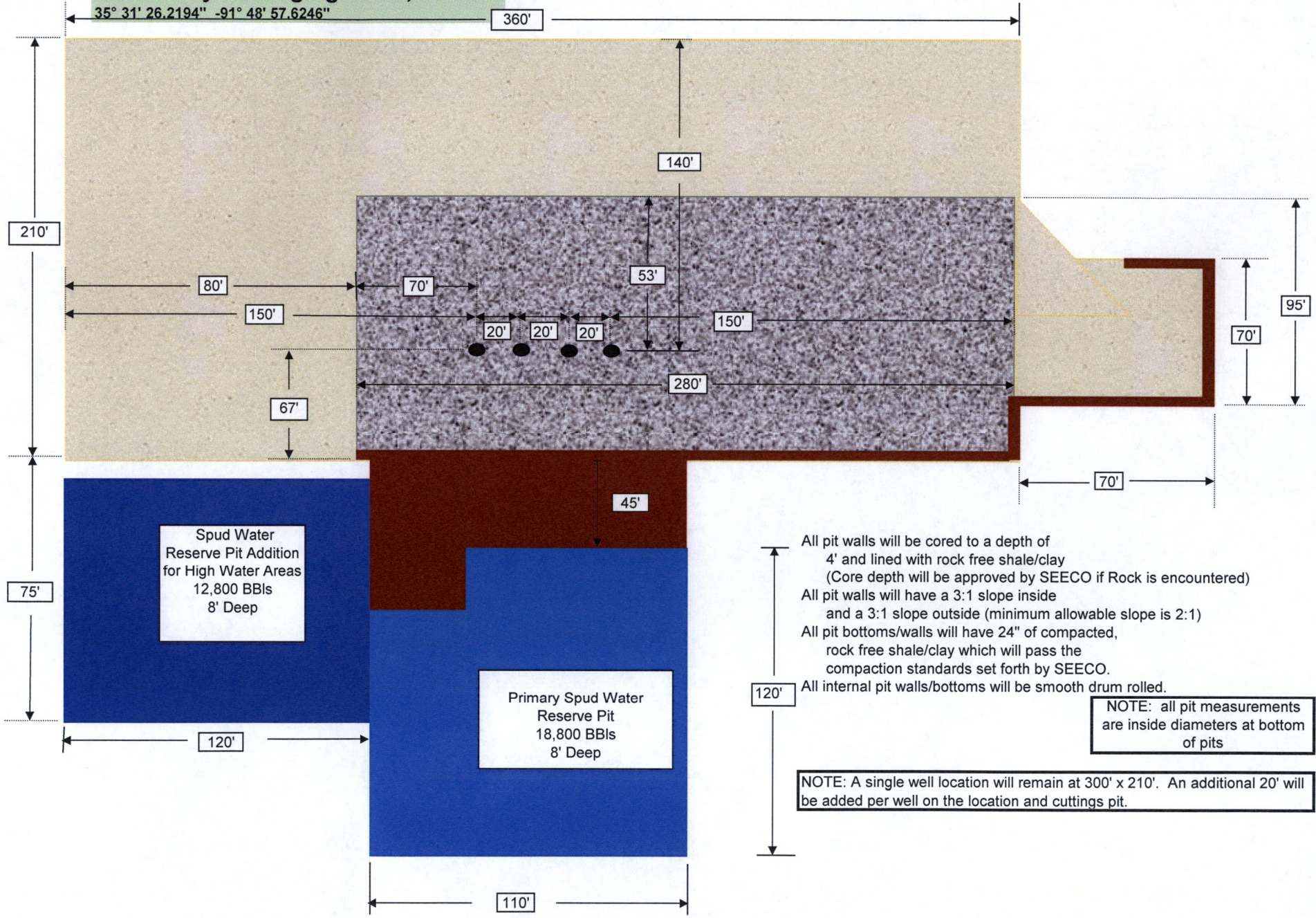
- PROPOSED SURFACE HOLE / BOTTOM HOLE
- ⊗ EXISTING / PRODUCING WELLHEAD
- ⊗ ABANDONED WELL
- ⊗ PLUGGED & ABANDONED WELL

REVISIONS

NO.	DESCRIPTION	DATE

DATE: 7-1-2010
 BK: 160 PG: 35-36
 DRAWN BY: S.ANDER
 SCALE: 1/2" = 1 MILE
 DRAWING NO.
 SHEET NO. 4 OF 4

Green Bay Packaging 10-08, #3-02H35



All pit walls will be cored to a depth of 4' and lined with rock free shale/clay (Core depth will be approved by SEECO if Rock is encountered)
 All pit walls will have a 3:1 slope inside and a 3:1 slope outside (minimum allowable slope is 2:1)
 All pit bottoms/walls will have 24" of compacted, rock free shale/clay which will pass the compaction standards set forth by SEECO.
 All internal pit walls/bottoms will be smooth drum rolled.

NOTE: all pit measurements are inside diameters at bottom of pits

NOTE: A single well location will remain at 300' x 210'. An additional 20' will be added per well on the location and cuttings pit.