

DATE IN 12/13/2016	SUSPENSE	ENGINEER PBG	LOGGED IN 12/14/2016	TYPE SWD	APP NO. PMAM1634930596
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ABOVE THIS LINE FOR DIVISION USE ONLY

**NEW MEXICO OIL CONSERVATION DIVISION**  
**- Engineering Bureau -**  
 1220 South St. Francis Drive, Santa Fe, NM 87505



**ADMINISTRATIVE APPLICATION CHECKLIST**

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

**Application Acronyms:**

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]  
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]  
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]  
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]  
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]  
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

- [1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]  
 [A] Location - Spacing Unit - Simultaneous Dedication  
☐ NSL ☐ NSP ☐ SD

Basic Energy Services, LP - 246368  
 Jordan SWD 1 → 30-025-Pending  
 SWD: Dev-Fus-Mon-Simp  
 "9/8/09" 1665

Check One Only for [B] or [C]

- [B] Commingling - Storage - Measurement  
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
☐ WFX ☐ PMX ☒ SWD ☐ IPI ☐ EOR ☐ PPR

- [D] Other: Specify \_\_\_\_\_

- [2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply

- [A] ☒ Working, Royalty or Overriding Royalty Interest Owners  
 [B] ☒ Offset Operators, Leaseholders or Surface Owner  
 [C] ☒ Application is One Which Requires Published Legal Notice  
 [D] ☒ Notification and/or Concurrent Approval by BLM or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office  
 [E] ☒ For all of the above, Proof of Notification or Publication is Attached, and/or,  
 [F] ☐ Waivers are Attached

- [3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

- [4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Brian Wood

Print or Type Name

Signature

Consultant

Title

brian@permitswest.com

e-mail Address

12-13-16

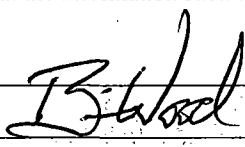
Date

2016 DEC 13 P 2:08

RECEIVED OGD

-Suspended  
 12-14-2016  
 need AFFIDAVIT OF PUBLICATION

**APPLICATION FOR AUTHORIZATION TO INJECT**

- I. PURPOSE: Secondary Recovery Pressure Maintenance XXX Disposal Storage  
Application qualifies for administrative approval? Yes No
- II. OPERATOR: BASIC ENERGY SERVICES, LP  
ADDRESS: P. O. BOX 1175, ARTESIA NM 88211  
CONTACT PARTY: BRIAN WOOD (PERMITS WEST, INC.) PHONE: 505 466-8120
- III. WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection.  
Additional sheets may be attached if necessary.
- IV. Is this an expansion of an existing project? Yes XXX No  
If yes, give the Division order number authorizing the project: \_\_\_\_\_
- V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
- VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
- VII. Attach data on the proposed operation, including: Jordan SWD 1  
SWD; Dev-Fus-Mon-Simp
1. Proposed average and maximum daily rate and volume of fluids to be injected;
  2. Whether the system is open or closed;
  3. Proposed average and maximum injection pressure;
  4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
  5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
- \*VIII. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.
- IX. Describe the proposed stimulation program, if any.
- \*X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).
- \*XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
- XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.
- XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.
- NAME: BRIAN WOOD TITLE: CONSULTANT  
SIGNATURE:  DATE: DEC. 9, 2016  
E-MAIL ADDRESS: brian@permitswest.com
- \* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: \_\_\_\_\_

### III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

- (1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.
- (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
- (3) A description of the tubing to be used including its size, lining material, and setting depth.
- (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District Offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

- (1) The name of the injection formation and, if applicable, the field or pool name.
- (2) The injection interval and whether it is perforated or open-hole.
- (3) State if the well was drilled for injection or, if not, the original purpose of the well.
- (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
- (5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any.

### XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) The intended purpose of the injection well; with the exact location of single wells or the Section, Township, and Range location of multiple wells;
- (3) The formation name and depth with expected maximum injection rates and pressures; and,
- (4) A notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

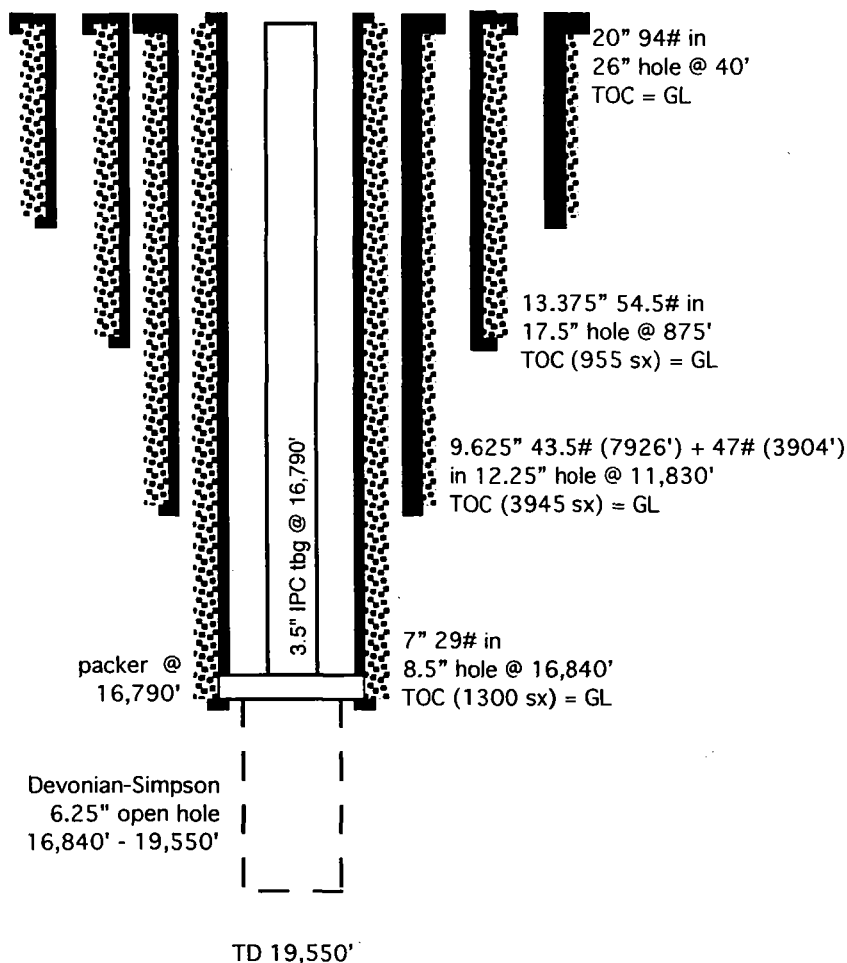
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NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

## INJECTION WELL DATA SHEET

OPERATOR: BASIC ENERGY SERVICES, LPWELL NAME & NUMBER: JORDAN SWD 1

FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE
1550 FSL & 1100 FEL	I	4	25 S	32 E

**WELLBORE SCHEMATIC**  
(not to scale)**WELL CONSTRUCTION DATA**Surface Casing

Hole Size: 17-1/2" Casing Size: 13-3/8"  
 Cemented with: 955 sx. *or* \_\_\_\_\_ ft<sup>3</sup>  
 Top of Cement: SURFACE Method Determined: CIRCULATE

Intermediate Casing

Hole Size: 12-1/4" Casing Size: 9-5/8"  
 Cemented with: 3,945 sx. *or* \_\_\_\_\_ ft<sup>3</sup>  
 Top of Cement: SURFACE Method Determined: CIRC. & CBL

Production Casing

Hole Size: 8-1/2" Casing Size: 7"  
 Cemented with: 1,300 sx. *or* \_\_\_\_\_ ft<sup>3</sup>  
 Top of Cement: SURFACE Method Determined: CIRC. & CBL  
 Total Depth: Product. Csg. @ 16,840' & OH TD @ 19,550'

Injection Interval

16,840 feet to 19,550'

(~~Perforated~~ or Open Hole; indicate which)

**INJECTION WELL DATA SHEET**

Tubing Size: 3-1/2" Lining Material: PLASTIC

Type of Packer: ARROW SET PLASTIC COATED 3.5" X 7"

Packer Setting Depth: 16,790'

Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_\_

**Additional Data**

1. Is this a new well drilled for injection? XXX Yes        No

If no, for what purpose was the well originally drilled? \_\_\_\_\_

2. Name of the Injection Formation: DEVONIAN, FUSSLEMAN, MONTOYA, & SIMPSON

3. Name of Field or Pool (if applicable): SWD;DEV-FUS-MON-SIMP (98109)

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. NO

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: \_\_\_\_\_

OVER: NONE CURRENTLY IN AREA OF REVIEW, BUT LIKELY DELAWARE (4,630'),  
BONE SPRING (8,540'), & WOLFCAMP (11,830')

UNDER: NONE

**BASIC ENERGY SERVICES, LP**

**PAGE 1**

**JORDAN SWD 1**

**1550' FSL & 1100' FEL SEC. 4, T. 25 S., R. 32 E.**

**LEA COUNTY, NEW MEXICO**

I. Goal is to drill a 19,550' deep saltwater disposal well. Proposed disposal interval will be 16,840' - 19,550' in the SWD; Dev-Fus-Mon-Simp (98109) pool. (This replaces an October 2015 application for the same well that would have disposed in the Cherry Canyon and Brushy Canyon from 5,575' to 8,350'.)

II. Operator: Basic Energy Services, LP (OGRID #246368)  
Operator phone number: (575) 746-2072  
Operator address: P. O. Box 1375, Artesia NM 88211  
Contact for Application: Brian Wood (Permits West, Inc.)  
Phone: (505) 466-8120

III. A. (1) Lease: BLM NMNM-054031  
Lease Size: 639.52 acres (see Exhibit A for map and C-102)  
Closest Lease Line: 1100'  
Lease Area: Lots 1 & 2, S2NE, & SE4 Sec. 4, T. 25 S., R. 32 E. et al

A. (2) Surface casing (13-3/8", 54.5#, K-55, ST&C) will be set at 875' (Rustler bottom) in a 17-1/2" hole and cemented to the surface with 1,557 cubic feet (150% excess). Lead with 505 sacks (954 ft<sup>3</sup>) light cement with Class C. Yield = 1.89 ft<sup>3</sup>/sack. Weight = 13 lb/gal. Tail with 450 sacks (603 ft<sup>3</sup>) Class C. Yield = 1.34 ft<sup>3</sup>/sack. Weight = 14.8 lb/gal.

Intermediate (9-5/8") casing (7,926' N-80 43.5# + 3,904' P-110 47# LT&C) will be set at 11,380' (Wolfcamp top) in a 12-1/4" hole and cemented to surface with 9,128 cubic feet (>100% excess). Lead with 3,505 sacks (8,482 ft<sup>3</sup>) 50/50 poz with Class H. Yield = 2.42 ft<sup>3</sup>/sack. Weight = 11.8 lb/gal. Tail with 440 sacks (646 ft<sup>3</sup>) 50/50 poz with Class H. Yield = 1.47 ft<sup>3</sup>/sack. Weight = 14.2 lb/gal.

BASIC ENERGY SERVICES, LP  
JORDAN SWD 1  
1550' FSL & 1100' FEL SEC. 4, T. 25 S., R. 32 E.  
LEA COUNTY, NEW MEXICO

PAGE 2

Production casing (7", 29#, P-110, LT&C) will be set at 16,840' (Devonian top) in an 8-1/2" hole and cemented in 2 stages to surface with 2,575 cubic feet (35% excess).

Lead 1 with 480 sacks (1161.6 ft<sup>3</sup>) 50/50 poz with Class H. Yield = 2.42 ft<sup>3</sup>/sack. Weight = 11.8 lb/gal. Tail 1 with 265 sacks (341.8 ft<sup>3</sup>) 50/50 poz with Class H. Yield = 1.29 ft<sup>3</sup>/sack. Weight = 14.2 lb/gal.

Lead 2 with 315 sacks (762.3 ft<sup>3</sup>) 50/50 poz with Class H. Yield = 2.42 ft<sup>3</sup>/sack. Weight = 11.8 lb/gal. Tail 2 with 240 sacks (309.6 ft<sup>3</sup>) 50/50 poz with Class H. Yield = 1.29 ft<sup>3</sup>/sack. Weight = 14.2 lb/gal.

A 6-1/4" open hole will be drilled to 19,550'.

- A. (3) Tubing will be 3.5" L-80 7.7# interior plastic coated. Setting depth will be ≈16,790'. (Disposal interval will be 16,840' to 19,550'.)
- A. (4) An Arrow set 7" x 3.5" ASI-X nickel plated F nipple stainless steel packer will be set at ≈16,790' in compression. (Disposal interval will be 16,840' to 19,550'.)
- B. (1) Disposal zone will be the SWD; Dev-Fus-Mon-Simp (98109).<sup>2</sup>
- B. (2) Disposal interval will be 16,840' to 19,550'.
- B. (3) This well will be drilled as a saltwater disposal well.
- B. (4) Well has not yet been drilled.
- B. (5) Closest Devonian producer (30-015-29252) is 3-1/2 miles west in L-1-25s-31e. It last produced in July 2013 and this TA well is now being evaluated for conversion to a SWD. No Fusselman, Montoya, or Simpson producers are within T. 25 S., R. 32 E. or the 8 adjacent townships.

JORDAN SWD 1

1550' FSL &amp; 1100' FEL SEC. 4, T. 25 S., R. 32 E.

LEA COUNTY, NEW MEXICO

No producing well is above the Devonian or below the Simpson within the area of review. Closest (2,655' south) well (30-025-35206) is a 4,800' deep dry hole (no production). Closest producing well (30-025-22882) is 3,208' north. That well is outside the area of review, but part of its 40-acre dedication to the Paduca; Delaware, North (49490) is within the area of review. It produces from the Bell Canyon.

IV. This is not an expansion of an existing injection project. It is disposal only.

V. Exhibit B shows the absence of existing wells within a half-mile radius. Exhibit C shows all 74 existing wells (33 oil or gas wells + 37 P & A wells + 4 saltwater disposal or injection wells) within a two-mile radius. No water wells are within 2 miles.

Exhibit D shows all leases and lessors (only BLM) within a half-mile radius. Exhibit E shows all leases and lessors (only State and BLM) within a two-mile radius. Details on the leases within a half-mile radius are:

<u>T. 25 S., R. 32 E.</u>	<u>Lease Number</u>	<u>Lessee</u>
SEnw & E2SW4 Sec. 4	NMLC-061863A	Chevron, Devon
NENw Sec. 9	NMLC-061873B	Chevron, Devon, Legacy
SWNW & SW4 Sec. 3 & NWNw Sec. 10	NMLC-061936	Chevron, Devon
N2NE4 Sec. 9	NMLC-061936A	Chevron, Devon
E2 Sec. 4	NMNM-054031	Chevron, Devon

VI. No existing well is within a 2,640' radius. Closest (2,655' south) well (30-025-35206) is a P&A 4,800' deep dry hole that did not penetrate the top (16,840') of the proposed disposal zone.

- VII. 1. Average injection rate will be  $\approx$ 10,000 bwpd.  
Maximum injection rate will be 12,000 bwpd.
2. System will be open.
3. Average injection pressure will be  $\approx$ 3,000 psi



JORDAN SWD 1

1550' FSL &amp; 1100' FEL SEC. 4, T. 25 S., R. 32 E.

LEA COUNTY, NEW MEXICO

Maximum injection pressure will be 3,368 psi ( $= 0.2 \text{ psi/foot} \times 16,840'$  (top of open hole)).

4. There have been no reports of problems disposing into the closest (13 miles southwest) active SWD; Dev-Fus-Mon-Simp (98109) well (30-025-42355). At least 95,167 barrels have been disposed in that well in its first year of operation.

Main source of the disposal water will be produced water from Bone Spring wells. Twenty-one active and eighteen approved, but not yet drilled, Bone Spring wells are in the sections that are within 2 miles of this proposed SWD. However, water produced from the Yates, Seven Rivers, Queen, Grayburg, San Andres, Wolfcamp, Strawn, Lower Pennsylvanian, Morrow, Delaware, etc. could also be disposed. Water analyses are in Exhibit F.

5. No Devonian, Silurian, Fusselman, Montyoa, or Simpson producers are within 3 miles. Water analyses from Avalon, Bone Spring, Brushy Canyon, Cherry Canyon, Delaware, and Wolfcamp wells are in Exhibit F. Produced water records from 4 Devonian wells in 26-14s-37e found chlorides ranged from 36,545 mg/l to 47,600 mg/l. TDS ranged from 62,067 mg/l to 79,880 mg/l.

VIII. The Devonian-Simpson interval mainly consists of carbonates (limestone, dolomite), with some clastics. Porosity is typically found in fractures.

Closest possible underground source of drinking water above the proposed disposal interval is the Dewey Lake. No water wells are within 2 miles according to the Office of the State Engineer (Exhibit G). No water wells were found during November 24, 2014, September 22, 2015, and October 19, 2016 inspections. No underground source of drinking water is below the proposed disposal interval.

Estimated formation tops are:

Quaternary = 0'  
Dewey Lake = 300'  
Rustler Anhydrite = 700'  
Top Salt = 950'  
Base of Salt = 4,450'  
Delaware Mt. Group = 4,630'

BASIC ENERGY SERVICES, LP  
JORDAN SWD 1  
1550' FSL & 1100' FEL SEC. 4, T. 25 S., R. 32 E.  
LEA COUNTY, NEW MEXICO

PAGE 5

Bone Spring = 8,540'  
Wolfcamp = 11,830'  
Strawn = 12,810'  
Atoka = 14,050'  
Morrow = 14,655'  
Barnett = 16,080'  
Mississippian Ls = 16,442'  
Woodford = 16,700'  
*Devonian & top of open hole = 16,840'*  
*Fusselman = 17,995'*  
*Montoya = 18,395'*  
*Simpson = 18,795'*  
*TD = 19,550'*  
Ellenburger = 19,595'

There will be  $\approx 16,140'$  of vertical separation and  $\approx 3,750'$  anhydrite and salt interval between the bottom of the only likely underground water source (Dewey Lake) and the top of the Devonian. The Ogallala is not present. It is  $>30$  miles northeast.

At least 9,673,187 barrels have been disposed in the closest (2.9 miles northwest) Devonian-Silurian-Montoya SWD well (30-015-41649) since February 2013.

- IX. The well will be stimulated with acid to clean out scale or fill.
- X. CBL/CCL and GR/Neutron Density/CCL logs are planned.
- XI. Based on November 24, 2014, September 22, 2015, and October 19, 2016 field inspections and a review of the State Engineer's records, no water wells are within a one-mile radius. See Exhibit G.

**BASIC ENERGY SERVICES, LP**

**PAGE 6**

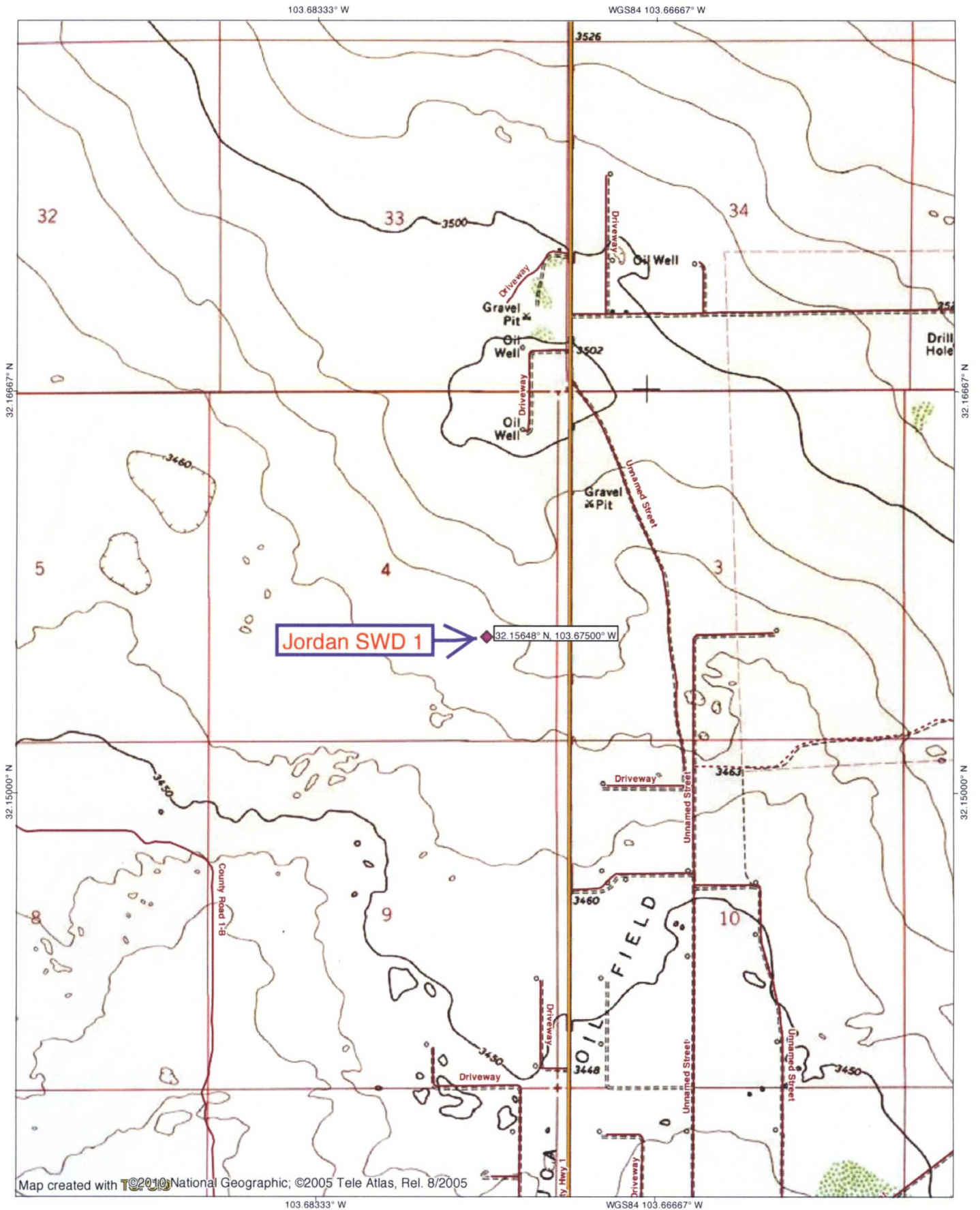
**JORDAN SWD 1**

**1550' FSL & 1100' FEL SEC. 4, T. 25 S., R. 32 E.**

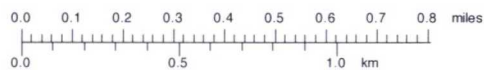
**LEA COUNTY, NEW MEXICO**

XII. Basic Energy Services, LP is not aware of any geologic or engineering data that may indicate the Devonian-Simpson interval is in hydrologic connection with any underground sources of water. Thousands of feet of evaporites prevent that from occurring. There are 156 Devonian, 10 Fusselman, 1 Montoya, and 2 Simpson disposal or injection wells in New Mexico. Closest Quaternary fault (Guadalupe) is more than 74 miles southwest (Exhibit H).

XIII. A legal ad (see Exhibit I) was published on November 16, 2016. Notice (this application) has been sent (Exhibit J) to the surface owner (BLM), lessor (BLM), lessees (Chevron, Devon, Legacy), operating right holders (Apache, Beard Trust, Chevron, Chisos, Cross Border, Devon, E. H. Leede, Leede Operating, Legacy, Manix, Noble, Oxy, Paduca, Penroc, Petrohawk, PXP, XTO) and all well operators (Sahara) or other affected persons within a half-mile.



Map created with **TELEATLAS** National Geographic; ©2005 Tele Atlas, Rel. 8/2005



**EXHIBIT A**

TN MN  
7°  
12/08/14

DISTRICT I  
1825 N. FRENCH DR., HOBBS, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II  
811 S. FIRST ST., ARTESIA, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720

DISTRICT III  
1000 RIO BRAZOS RD., AZTEC, NM 87410  
Phone: (505) 334-8178 Fax: (505) 334-8170

DISTRICT IV  
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number <b>30-025-</b>	Pool Code <b>98109</b>	Pool Name <b>SWD; Dev-Fus-Mon-Simp</b>
Property Code	Property Name <b>JORDAN SWD</b>	Well Number <b>1</b>
OGRID No. <b>246368</b>	Operator Name <b>BASIC ENERGY SERVICES</b>	Elevation <b>3477.0</b>

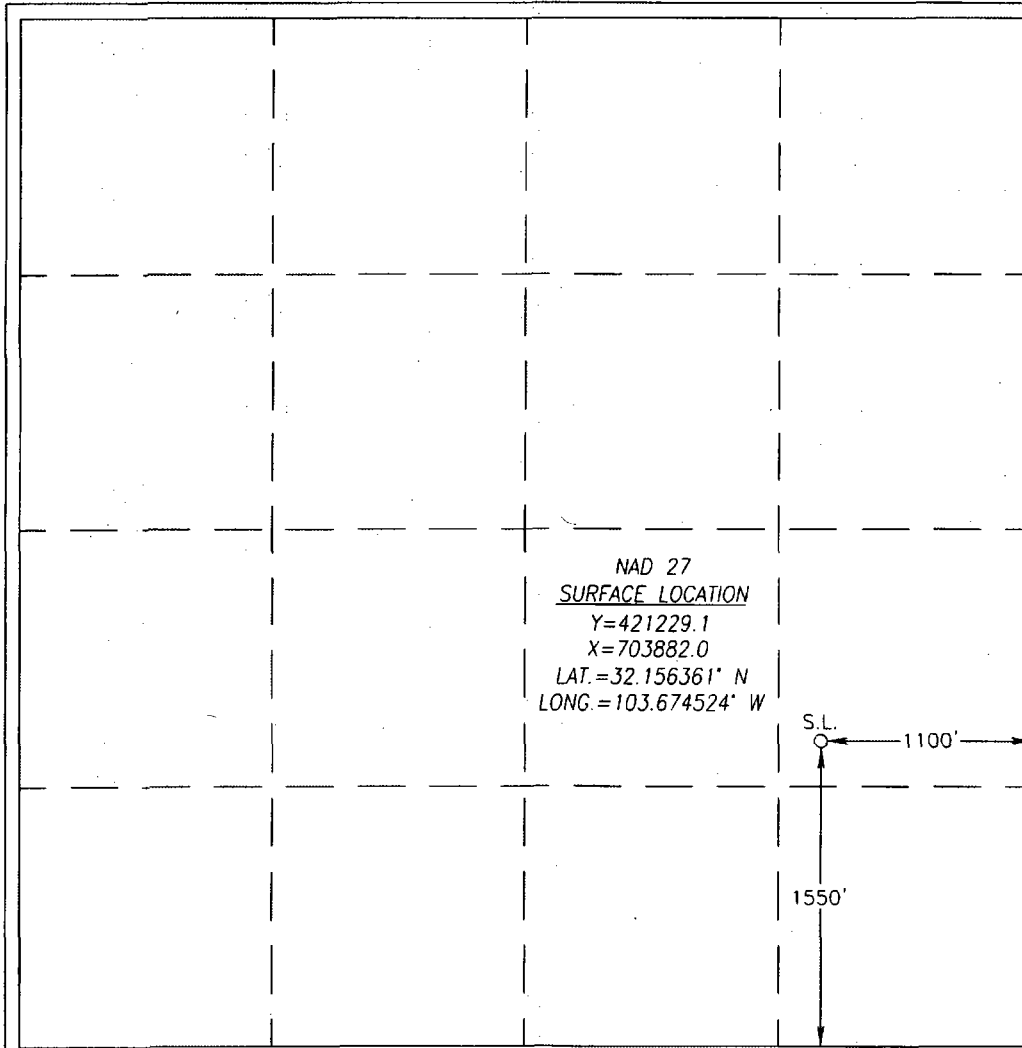
**Surface Location**

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	4	25-S	32-E		1550	SOUTH	1100	EAST	LEA

**Bottom Hole Location If Different From Surface**

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						

**NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**



**OPERATOR CERTIFICATION**

I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

*Brian Wood* 11-13-16  
Signature Date

**Brian Wood**

Printed Name

**brian@permitswest.com**

E-mail Address

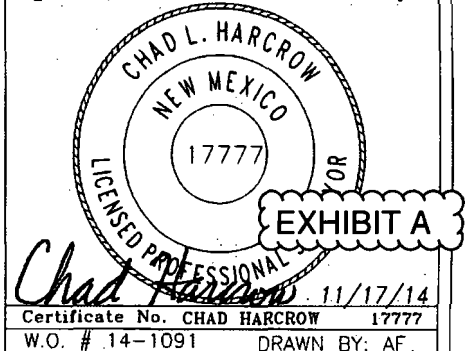
**SURVEYOR CERTIFICATION**

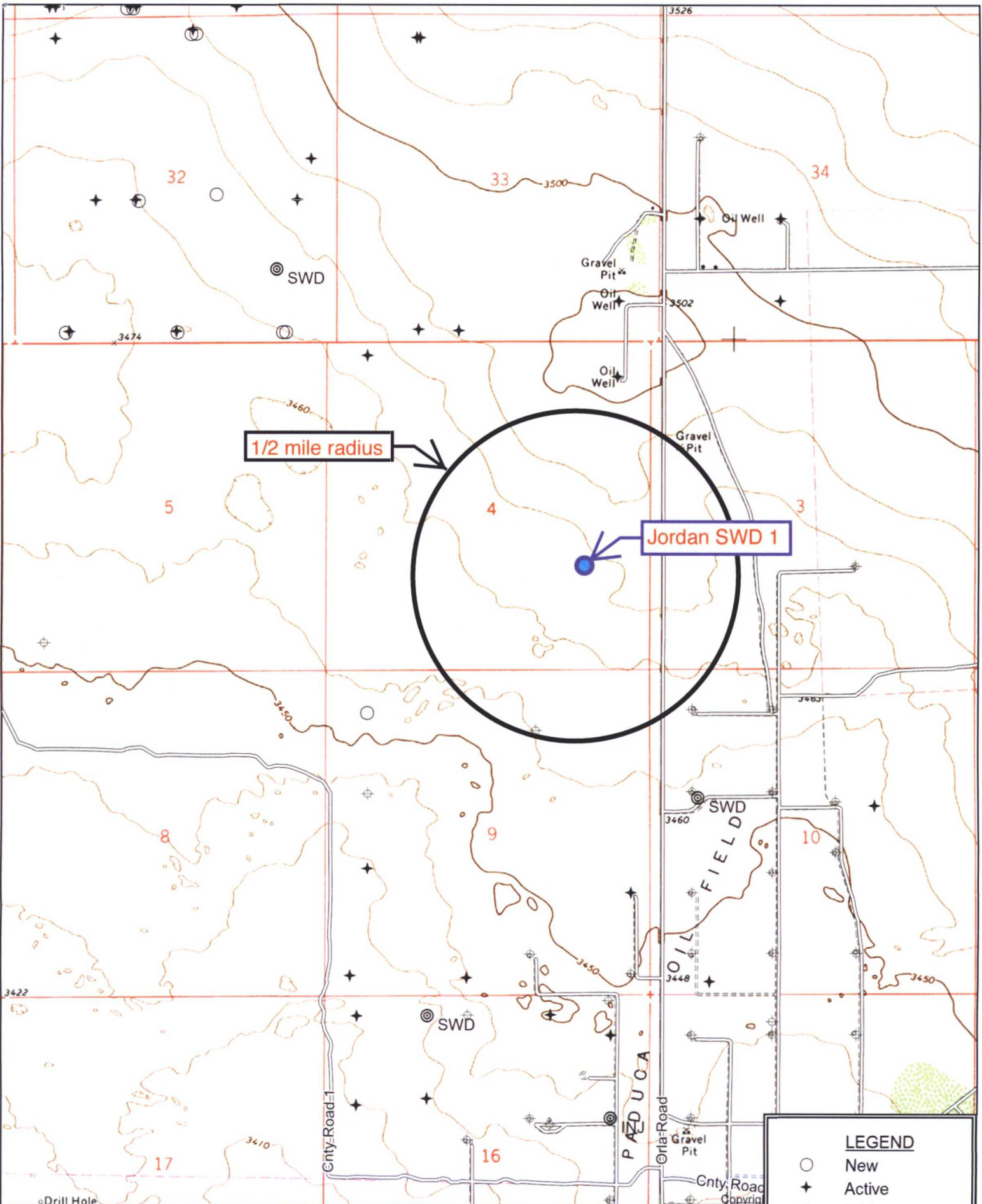
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

**NOVEMBER 10, 2014**

Date of Survey

Signature & Seal of Professional Surveyor





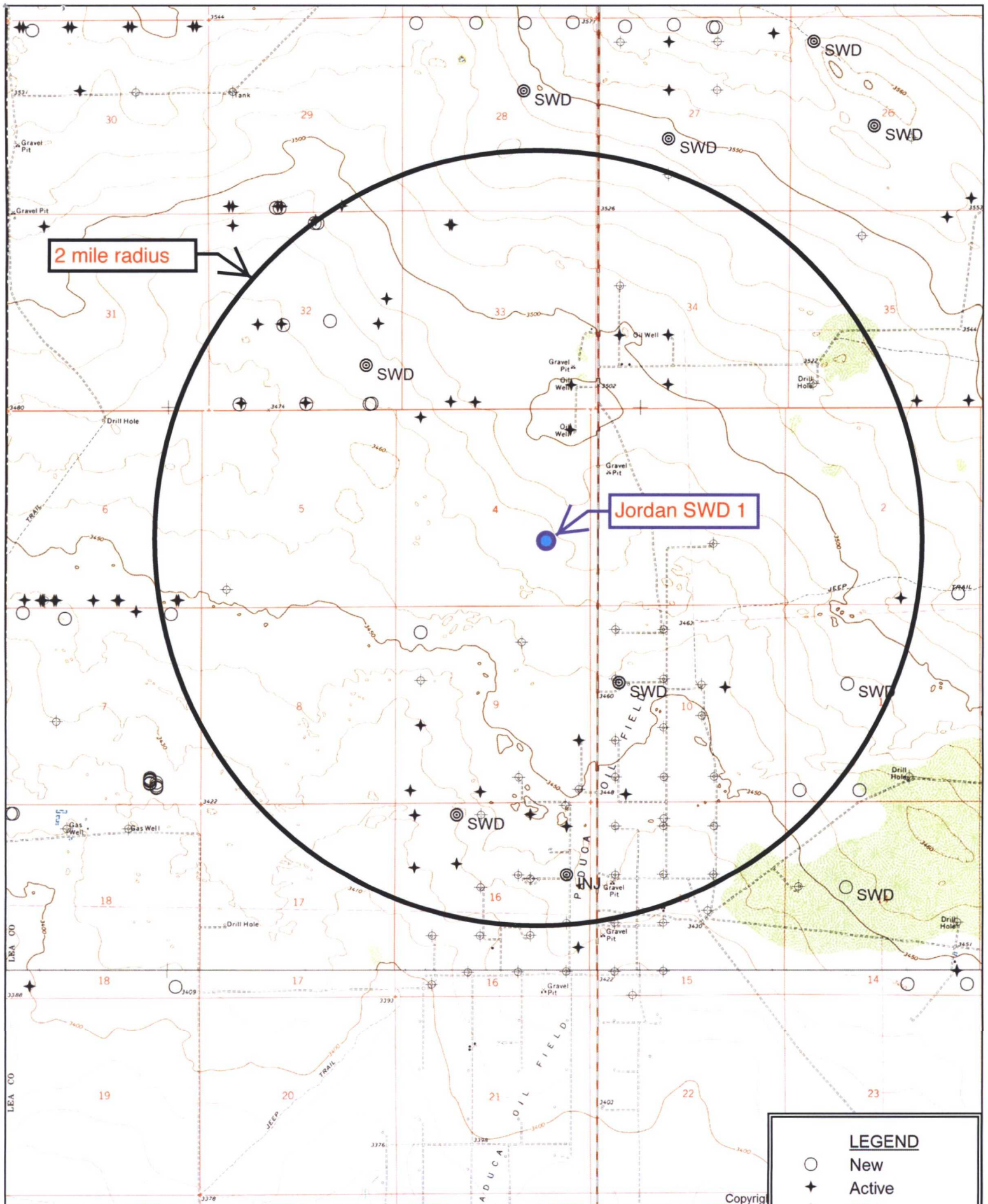
Quad: PADUCA BREAKS NW  
Scale: 1 inch = 2,000 ft.

**EXHIBIT B**

**LEGEND**

- New
- ✦ Active
- ⊕ P&A
- ⊙ INJ
- ⊙ SWD
- ⊙ Water





2 mile radius

Jordan SWD 1

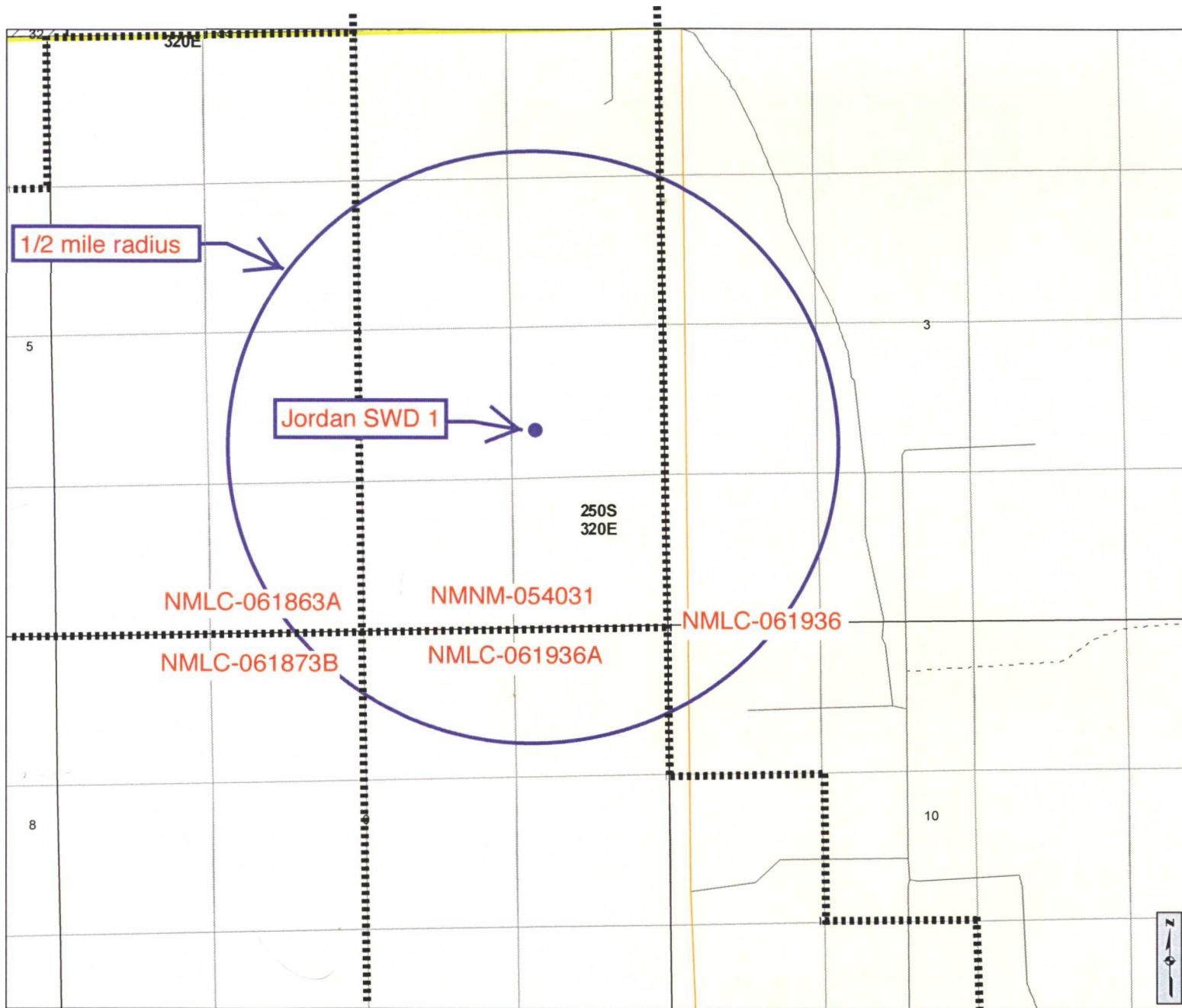
**LEGEND**

- New
- ★ Active
- ⊕ P&A
- ⊙ INJ
- ⊙ SWD
- ⊙ Water

Quad: PADUCA BREAKS NW  
Scale: 1 inch = 3,333 ft.

EXHIBIT C





### Cartographic Features

- County Boundaries
- County Seats
- City, Town or Village
- SLO District Offices
- SLO District Boundary
- Hwy Mileposts
- Interstate
- NM Hwy
- Local Road
- Continental Divide
- US Hwy

### Federal Minerals Ownership

- All Minerals
- Coal Only
- Oil and Gas Only
- Oil, Gas and Coal Only
- Other Minerals

### State Trust Lands

- Surface Estate
- Subsurface Estate
- Surface and Subsurface Estate

### State Leases

- Oil and Gas Leases
- Agricultural Leases
- Commercial Leases
- Minerals Leases
- Not Available for Oil and Gas Leasing
- Oil and Gas Leasing Influenced by Restriction

### Oil and Gas Related Features

- Oil and Gas Unit Boundary
- Participating Areas in Units
- Geologic Regions
- Volcanic Vents
- NMOC D Order R-111-P
- Potash Enclave Outline

### NMOC D Oil and Gas Wells

- CO<sub>2</sub>
- Gas
- Injection
- Miscellaneous
- Oil
- Salt Water Disposal
- Water
- DA or PA

## New Mexico State Land Office Oil, Gas and Minerals

0.0 0.05 0.1 0.15 0.2  
Miles

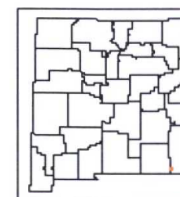
Universal Transverse Mercator Projection, Zone 13  
1983 North American Datum

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Land Office Geographic Information Center  
logic@slo.state.nm.us

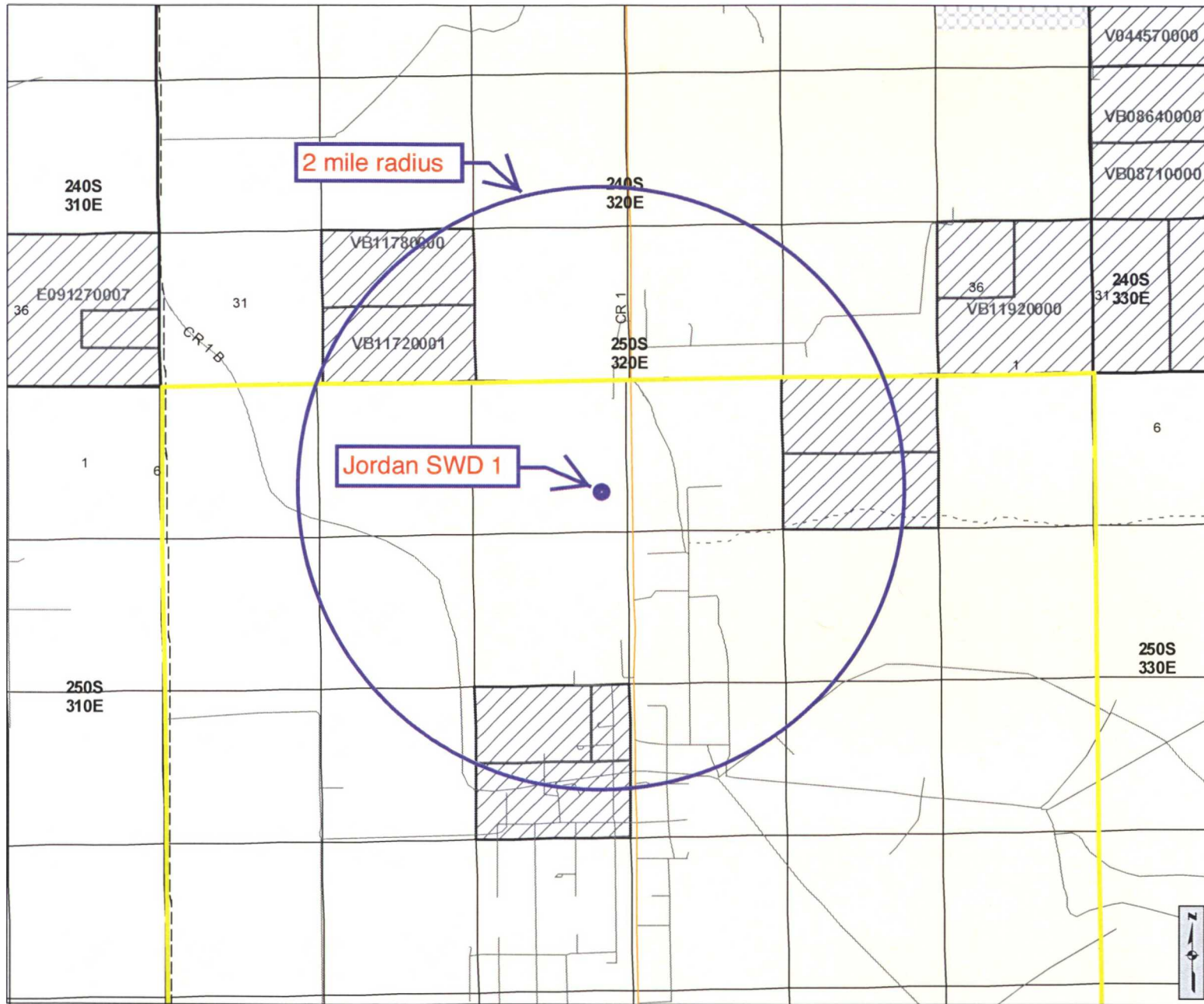
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**EXHIBIT D**



www.nmstatelands.org





### Cartographic Features

- County Boundaries
- County Seats
- City, Town or Village
- SLO District Offices
- SLO District Boundary
- Hwy Mileposts
- Interstate
- US Hwy
- NM Hwy
- Local Road
- Continental Divide

### Federal Minerals Ownership

- All Minerals
- Coal Only
- Oil and Gas Only
- Oil, Gas and Coal Only
- Other Minerals

### State Trust Lands

- Surface Estate
- Subsurface Estate
- Surface and Subsurface Estate

### State Leases

- Oil and Gas Leases
- Agricultural Leases
- Commercial Leases
- Minerals Leases
- Not Available for Oil and Gas Leasing
- Oil and Gas Leasing Influenced by Restriction

### Oil and Gas Related Features

- Oil and Gas Unit Boundary
- Participating Areas in Units
- Geologic Regions
- Volcanic Vents
- NMOCD Order R-111-P
- Potash Enclave Outline

### NMOCD Oil and Gas Wells

- CO<sub>2</sub>
- Gas
- Injection
- Miscellaneous
- Oil
- Salt Water Disposal
- Water
- DA or PA

## New Mexico State Land Office

### Oil, Gas and Minerals

0 0.10.2 0.4 0.6 0.8  
Miles

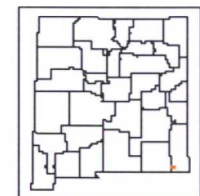
Universal Transverse Mercator Projection, Zone 13  
1983 North American Datum

The New Mexico State Land Office assumes no responsibility or liability for, or in connection with, the accuracy, reliability or use of the information provided here, in State Land Office data layers or any other data layer.

Land Office Geographic Information Center  
logic@slo.state.nm.us

Created On: 12/9/2014 3:21:35 PM

**EXHIBIT E**



www.nmstatelands.org

Avalon water  
from 30-025-39902

Analytical Laboratory Report for:  
**MEWBOURNE OIL  
COMPANY**

Account Representative:  
Mossman, Willis



## Production Water Analysis

Listed below please find water analysis report from: Red Hills 8 Federal, 1H

Lab Test Number		Sample Date	
2011111303		05/03/2011	
[ ]			
Specific Gravity:		1.114	
TDS:		174641	
pH:		6.70	
Cations:		mg/L	as:
Calcium	2490	(Ca <sup>++</sup> )	
Magnesium	730	(Mg <sup>++</sup> )	
Sodium	61500	(Na <sup>+</sup> )	
Iron	110.00	(Fe <sup>++</sup> )	
Potassium	1438.0	(K <sup>+</sup> )	
Barium	0.90	(Ba <sup>++</sup> )	
Strontium	205.00	(Sr <sup>++</sup> )	
Manganese	1.08	(Mn <sup>++</sup> )	
Anions:	mg/L	as:	
Bicarbonate	2416	(HCO <sub>3</sub> <sup>-</sup> )	
Sulfate	1750	(SO <sub>4</sub> <sup>=</sup> )	
Chloride	104000	(Cl <sup>-</sup> )	
Gases:			
Carbon Dioxide	270	(CO <sub>2</sub> )	
Hydrogen Sulfide	0.0	(H <sub>2</sub> S)	

EXHIBIT F

Bone Spring water  
from 30-025-39525  
via SWD-1301 (30-025-28237)

North Permian Basin Region  
P.O. Box 740  
Sundown, TX 79372-0740  
(806) 229-8121  
Lab Team Leader - Sheila Hernandez  
(432) 495-7240

## Water Analysis Report by Baker Petrolite

Company:	YATES PETROLEUM INC	Sales RDT:	33514.1
Region:	PERMIAN BASIN	Account Manager:	TONY HERNANDEZ (575) 910-7135
Area:	ARTESIA, NM	Sample #:	561785
Lease/Platform:	FARBER 'BOB' FEDERAL	Analysis ID #:	112532
Entity (or well #):	1 H	Analysis Cost:	\$90.00
Formation:	UNKNOWN	<div style="border: 1px solid black; padding: 2px; display: inline-block;">Bone Spring</div>	
Sample Point:	WATER TANK		

Summary		Analysis of Sample 561785 @ 75 °F					
Sampling Date:	09/09/11	Anions	mg/l	meq/l	Cations	mg/l	meq/l
Analysis Date:	09/21/11	Chloride:	100163.0	2825.23	Sodium:	62777.3	2730.66
Analyst:	SANDRA GOMEZ	Bicarbonate:	732.0	12.	Magnesium:	477.0	39.24
TDS (mg/l or g/m3):	169505.2	Carbonate:	0.0	0.	Calcium:	1914.0	95.51
Density (g/cm3, tonne/m3):	1.113	Sulfate:	2501.0	52.07	Strontium:	97.0	2.21
Anion/Cation Ratio:	1	Phosphate:			Barium:	0.2	0.
		Borate:			Iron:	9.0	0.33
		Silicate:			Potassium:	834.0	21.33
Carbon Dioxide:	400 PPM	Hydrogen Sulfide:		0 PPM	Aluminum:		
Oxygen:		pH at time of sampling:		6.5	Chromium:		
Comments:		pH at time of analysis:			Copper:		
RESISTIVITY 0.052 OHM-M @ 75°F		pH used in Calculation:		6.5	Lead:		
					Manganese:	0.7	0.03
					Nickel:		

Conditions		Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl										
Temp	Gauge Press.	Calcite CaCO3		Gypsum CaSO4*2H2O		Anhydrite CaSO4		Celestite SrSO4		Barite BaSO4		CO2 Press
°F	psi	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	psi
80	0	0.41	40.41	-0.34	0.00	-0.32	0.00	0.06	8.02	0.49	0.00	1.78
100	0	0.50	49.92	-0.41	0.00	-0.33	0.00	0.03	4.16	0.28	0.00	2.21
120	0	0.58	59.72	-0.48	0.00	-0.32	0.00	0.01	1.49	0.10	0.00	2.67
140	0	0.67	69.82	-0.53	0.00	-0.28	0.00	0.00	0.30	-0.05	0.00	3.16

Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered.

Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.

Note 3: The reported CO2 pressure is actually the calculated CO2 fugacity. It is usually nearly the same as the CO2 partial pressure.

EXHIBIT F



SCB Unit 6 B appears to be  
South Culebra Bluff Unit 6  
30-015-23339  
analysis from Case 13313

North Permian Basin Region  
P.O. Box 740  
Sundown, TX 79372-0740  
(806) 228-8121  
Lab Team Leader - Sheila Hernandez  
(915) 495-7240

## Water Analysis Report by Baker Petrolite

Company:	RBO OPERATING INC	Sales RDT:	33517
Region:	PERMIAN BASIN	Account Manager:	CURRY FRUIT (505) 910-9388
Area:	LOVING, NM	Sample #:	35599
Lease/Platform:	SCB UNIT	Analysis ID #:	43324
Entity (or well #):	6 B	Analysis Cost:	\$40.00
Formation:	UNKNOWN - <u>Brushy Canyon</u>		
Sample Point:	WATER TANK		

Summary		Analysis of Sample 35599 @ 75 °F					
Sampling Date:	5/20/04	Anions	mg/l	meq/l	Cations	mg/l	meq/l
Analysis Date:	5/21/04	Chloride:	187000.0	5274.68	Sodium:	78232.3	3402.91
Analyst:	CURRY FRUIT	Bicarbonate:	365.0	0	Magnesium:	4358.0	389.84
TDS (mg/l or g/m3):	300090.3	Carbonate:	0.0	0	Calcium:	28604.0	1477.25
Density (g/cm3, tonne/m3):	1.2	Sulfate:	5.0	0.1	Strontium:		
Anion/Cation Ratio:	1	Phosphate:			Barium:		
Carbon Dioxide:	275 PPM	Borate:			Iron:	25.0	0.9
Oxygen:		Silicate:			Potassium:		
Comments:		Hydrogen Sulfide:		<5 PPM	Aluminum:		
		pH at time of sampling:		5.8	Chromium:		
		pH at time of analysis:			Copper:		
		pH used in Calculation:		5.5	Lead:		
					Manganese:		
					Nickel:		

Conditions		Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl										
Temp	Gauge Press.	Calcite CaCO <sub>3</sub>		Gypsum CaSO <sub>4</sub> ·2H <sub>2</sub> O		Anhydrite CaSO <sub>4</sub>		Celestite SrSO <sub>4</sub>		Barite BaSO <sub>4</sub>		CO <sub>2</sub> Press
°F	psi	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	psi
80	0	0.30	19.88	-2.00	0.00	-1.93	0.00	0.00	0.00	0.00	0.00	5.01
100	0	0.38	24.97	-2.09	0.00	-1.95	0.00	0.00	0.00	0.00	0.00	5.81
120	0	0.46	28.70	-2.16	0.00	-1.94	0.00	0.00	0.00	0.00	0.00	6.64
140	0	0.55	34.43	-2.22	0.00	-1.91	0.00	0.00	0.00	0.00	0.00	7.17

Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered.

Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.

Note 3: The reported CO<sub>2</sub> pressure is actually the calculated CO<sub>2</sub> fugacity. It is usually nearly the same as the CO<sub>2</sub> partial pressure.



SCB Unit 23 #2 appears to be  
South Culebra Bluff 23 #2  
30-015-26213  
analysis from Case 13313

North Permian Basin Region  
P.O. Box 740  
Sundown, TX 79372-0740  
(806) 229-8121  
Lab Team Leader - Sheila Hernandez  
(915) 495-7240

## Water Analysis Report by Baker Petrolite

Company:	RBO OPERATING INC	Sales RDT:	33517
Region:	PERMIAN BASIN	Account Manager:	CURRY FRUIT (505) 910-9388
Area:	LOVING, NM	Sample #:	35800
Lease/Platform:	SCB UNIT	Analysis ID #:	43325
Entity (or well #):	23 -1/2	Analysis Cost:	\$40.00
Formation:	UNKNOWN - BRUSHY CANYON		
Sample Point:	WELLHEAD		

Summary		Analysis of Sample 35800 @ 75 °F					
Sampling Date:	5/20/04	Anions	mg/l	meq/l	Cations	mg/l	meq/l
Analysis Date:	5/21/04	Chloride:	161000.0	4541.22	Sodium:	67889.3	2957.37
Analyst:	CURRY FRUIT	Bicarbonate:	37.0	0.61	Magnesium:	4250.0	329.82
TDS (mg/l or g/m3):	258058.3	Carbonate:			Calcium:	24720.8	1233.53
Density (g/cm3, tonne/m3):	1.2	Sulfate:	15.0	0.31	Strontium:		
Anion/Cation Ratio:	1	Phosphate:			Barium:		
		Borate:			Iron:	45.0	1.53
		Silicate:			Potassium:		
Carbon Dioxide:	600 PPM	Hydrogen Sulfide:		<5 PPM	Aluminum:		
Oxygen:		pH at time of sampling:		5.5	Chromium:		
Comments:		pH at time of analysis:			Copper:		
		pH used in Calculations:		5.5	Lead:		
					Manganese:		
					Nickel:		

Conditions		Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl										
Temp	Gauge Press.	Calcite CaCO <sub>3</sub>		Gypsum CaSO <sub>4</sub> ·2H <sub>2</sub> O		Anhydrite CaSO <sub>4</sub>		Celestite SrSO <sub>4</sub>		Barite BaSO <sub>4</sub>		CO <sub>2</sub> Press.
°F	psi	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	psi
80	0	-0.88	0.00	-1.84	0.00	-1.59	0.00	0.00	0.00	0.00	0.00	0.56
100	0	-0.78	0.00	-1.71	0.00	-1.60	0.00	0.00	0.00	0.00	0.00	0.68
120	0	-0.70	0.00	-1.77	0.00	-1.58	0.00	0.00	0.00	0.00	0.00	0.75
140	0	-0.62	0.00	-1.82	0.00	-1.54	0.00	0.00	0.00	0.00	0.00	0.85

Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered.  
Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.  
Note 3: The reported CO<sub>2</sub> pressure is actually the calculated CO<sub>2</sub> fugacity. It is usually nearly the same as the CO<sub>2</sub> partial pressure.

PRODUCT WARRANTY, DISCLAIMER AND LIMITATION OF LIABILITY ARE FOUND ON THE BACK OF THIS SHEET

EXHIBIT F

# Seaco Products Co.

Cherry Canyon water  
from 30-025-28647

## WATER ANALYSIS REPORT & SWD-588

### SAMPLE

Oil Co. : J. C. WILLIAMSON  
Lease : Curry State  
Well No.: # 1, 2  
Salesman:

Sample Loc. :  
Date Analyzed: 26-January-1996  
Date Sampled :

### ANALYSIS

1. pH 5.920
2. Specific Gravity 60/60 F. 1.196
3. CaCO<sub>3</sub> Saturation Index @ 80 F. +2.227  
@ 140 F. +3.147

#### Dissolved Gasses

	MG/L	EQ. WT.	*MEQ/L
--	------	---------	--------

4. Hydrogen Sulfide Not Present
5. Carbon Dioxide Not Determined
6. Dissolved Oxygen Not Determined

#### Cations

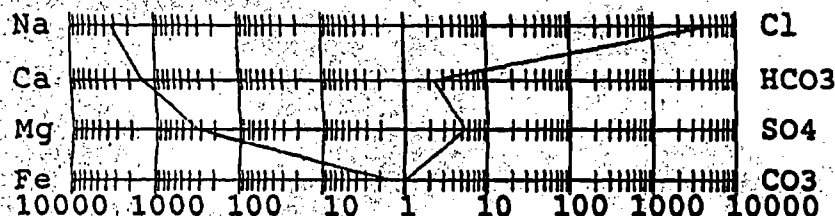
7. Calcium	(Ca <sup>++</sup> )	27,755	/	20.1	=	1,380.85
8. Magnesium	(Mg <sup>++</sup> )	3,829	/	12.2	=	313.85
9. Sodium	(Na <sup>+</sup> )	72,597	/	23.0	=	3,156.39
10. Barium	(Ba <sup>++</sup> )	0	/	68.7	=	0.00
(Calculated)						

#### Anions

11. Hydroxyl	(OH <sup>-</sup> )	0	/	17.0	=	0.00
12. Carbonate	(CO <sub>3</sub> <sup>2-</sup> )	0	/	30.0	=	0.00
13. Bicarbonate	(HCO <sub>3</sub> <sup>-</sup> )	132	/	61.1	=	2.16
14. Sulfate	(SO <sub>4</sub> <sup>2-</sup> )	250	/	48.8	=	5.12
15. Chloride	(Cl <sup>-</sup> )	171,961	/	35.5	=	4,843.97
16. Total Dissolved Solids		276,524				
17. Total Iron (Fe)		26	/	18.2	=	1.43
18. Total Hardness As CaCO <sub>3</sub>		85,076				
19. Resistivity @ 75 F. (Calculated)		0.001	/cm.			

#### LOGARITHMIC WATER PATTERN

\*meq/L.



#### Calcium Sulfate Solubility Profile



#### PROBABLE MINERAL COMPOSITION

COMPOUND	EQ. WT.	X	*meq/L = mg/L.
----------	---------	---	----------------

Ca(HCO <sub>3</sub> ) <sub>2</sub>	81.04	2.16	175
CaSO <sub>4</sub>	68.07	5.12	349
CaCl <sub>2</sub>	55.50	1,373.56	76,233
Mg(HCO <sub>3</sub> ) <sub>2</sub>	73.17	0.00	0
MgSO <sub>4</sub>	60.19	0.00	0
MgCl <sub>2</sub>	47.62	313.85	14,946
NaHCO <sub>3</sub>	84.00	0.00	0
NaSO <sub>4</sub>	71.03	0.00	0
NaCl	58.46	3,156.56	184,532

\*Milli Equivalents per Liter

This water is somewhat corrosive due to the pH observed on analysis.  
The corrosivity is increased by the content of mineral salts in solution.

EXHIBIT F

Delaware water  
from S2 17-26s-32e  
API# not in file

Analytical Laboratory Report for:  
**MEWBOURNE OIL  
COMPANY**

Account Representative:  
Mossman, Willis



## Production Water Analysis

Listed below please find water analysis report from: [REDACTED] Russell Fed 17

Lab Test Number	Sample Date
2011111305	05/03/2011

[<br>]

Specific Gravity: 1.142

TDS: 218188  
pH: 5.00

*Delaware*

Cations:	mg/L	as:
Calcium	2347	(Ca <sup>++</sup> )
Magnesium	3546	(Mg <sup>++</sup> )
Sodium	64150	(Na <sup>+</sup> )
Iron	6.87	(Fe <sup>++</sup> )
Potassium	1323.0	(K <sup>+</sup> )
Barium	1.70	(Ba <sup>++</sup> )
Strontium	900.00	(Sr <sup>++</sup> )
Manganese	28.00	(Mn <sup>++</sup> )
Anions:	mg/L	as:
Bicarbonate	85	(HCO <sub>3</sub> )
Sulfate	500	(SO <sub>4</sub> <sup>-</sup> )
Chloride	145300	(Cl <sup>-</sup> )
Gases:		
Carbon Dioxide	150	(CO <sub>2</sub> )
Hydrogen Sulfide	0.0	(H <sub>2</sub> S)

EXHIBIT F



# Laboratory Services, Inc.

4016 Fiesta Drive  
Hobbs, New Mexico 88240  
Telephone: (505) 397-3713

Wolfcamp water  
from 30-025-34580

## Water Analysis

COMPANY Santa Fe Snyder

SAMPLE Thistle #5

SAMPLED BY R. Hicks-Pro Well

DATE TAKEN 2/23/00 7:00 am

### REMARKS

Barium as Ba	0
Carbonate alkalinity PPM	0
Bicarbonate alkalinity PPM	704
pH at Lab	6.7
Specific Gravity @ 60°F	1.09
Magnesium as Mg	14,500
Total Hardness as CaCO <sub>3</sub>	25,000
Chlorides as Cl	78,366
Sulfate as SO <sub>4</sub>	1,350
Iron as Fe	212.5
Potassium	43.8
Hydrogen Sulfide	0
Rw	0.092 @ 34° C
Total Dissolved Solids	105,950
Calcium as Ca	10,500
Nitrate	187

Results reported as Parts per Million unless stated

Langelier Saturation Index 1.58

Analysis by: Vickie Walker  
Date: 2/23/00

EXHIBIT F





- ~ Software
- ~ Other Links
- ~ Help

State Land Office Data Access

OCD well/log image files

PRRC NM-TECH NM-BGMR

~ Home>>~ Water Data>>Produced Water Data

samples from  
Devonian wells

- ~ Home
  - ~ Production Data
    - ~ Other Searches
    - ~ Older Data
    - ~ Production Summaries
  - ~ Well Data
    - ~ Well Activity
    - ~ First Production
  - ~ Water Data
    - ~ Produced Water Data
    - ~ NM Pricesheet
  - ~ Projects
    - ~ SLO
  - ~ Software
    - ~ C-115 Filing
    - ~ Decline Curve Plotting
  - ~ Other Links
    - ~ NM O and G Links
    - ~ Other States
  - ~ Help
    - ~ Land Unit Description
    - ~ Acknowledgements

## PRODUCED WATER DATA SEARCH

Data in the New Mexico Produced Water Quality Database v.2 was updated in 2016 for the first time in many years. Data should be used for general informational purposes only. The uncertainties in data collection procedures, analysis quality and specific sample sources make it unsuitable as basis for any significant business or policy decisions. Data was gathered from many sources and about 5400 distinct wells in NM are represented. More data exists for most samples than is provided by the results screen; the downloadable spreadsheet contains more information including field, formation, sample source (where available), and latitude/longitude.

Funding for the database was provided by the U.S. DOE, various New Mexico State agencies, NMT, and WRRI.

### SEARCH PANEL

API NUMBER  Example: 3004511439

WELL NAME  TOWNSHIP  RANGE

SECTION

Too many or not enough results? Change your search criteria and press the **Submit** button to improve results.

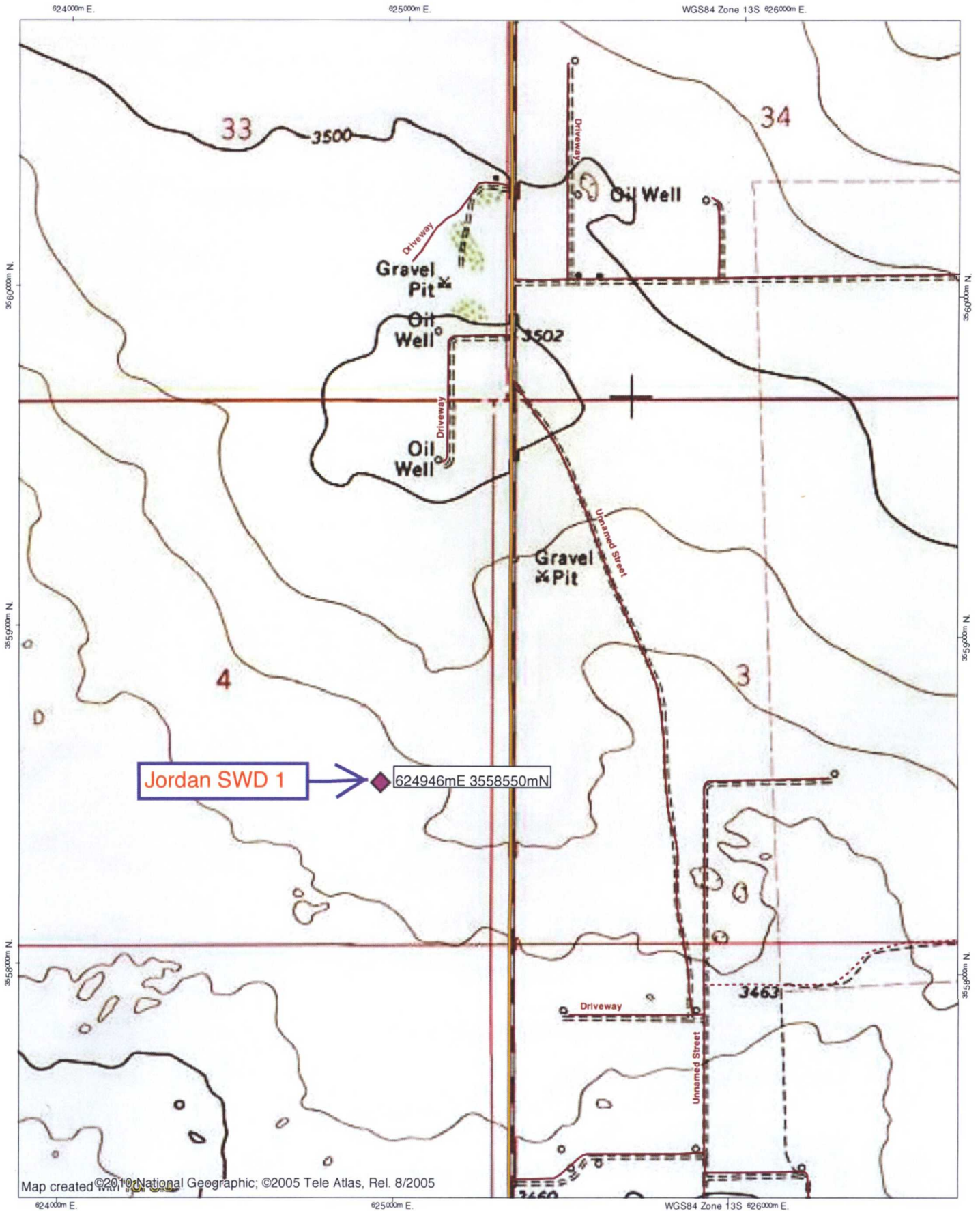
There may be more information for these samples. For all available data including lat/long location, press **EXPORT to EXCEL** to create a downloadable file.

### RESULT PANEL

WELLNAME	API	TOWNSHIP	RANGE	SECTION	TDS(mg/L)	Chlorides(mg/L)
T D POPE 26 #017H	3002505150	14S	37E	26	75330	44300
T D POPE 26 #017H	3002505150	14S	37E	26	79880	47600
T D POPE 26 #010	3002505145	14S	37E	26	62067	36545
DENTON NORTH WOLFCAMP UNIT #616	3002505149	14S	37E	26	78980	47014

PETROLEUM RECOVERY RESEARCH CENTER, SOCORRO, NM-87801

EXHIBIT F



Map created with National Geographic; ©2005 Tele Atlas, Rel. 8/2005

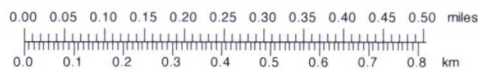


EXHIBIT G

TN MN  
7°  
12/08/14



# New Mexico Office of the State Engineer

## Water Column/Average Depth to Water

No records found.

### UTMNA83 Radius Search (in meters):

Easting (X): 624946

Northing (Y): 3558550

Radius: 3220

EXHIBIT G

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



# *New Mexico Office of the State Engineer*

## **Active & Inactive Points of Diversion**

(with Ownership Information)

No PODs found.

**UTMNAD83 Radius Search (In meters):**

**Easting (X):** 624946

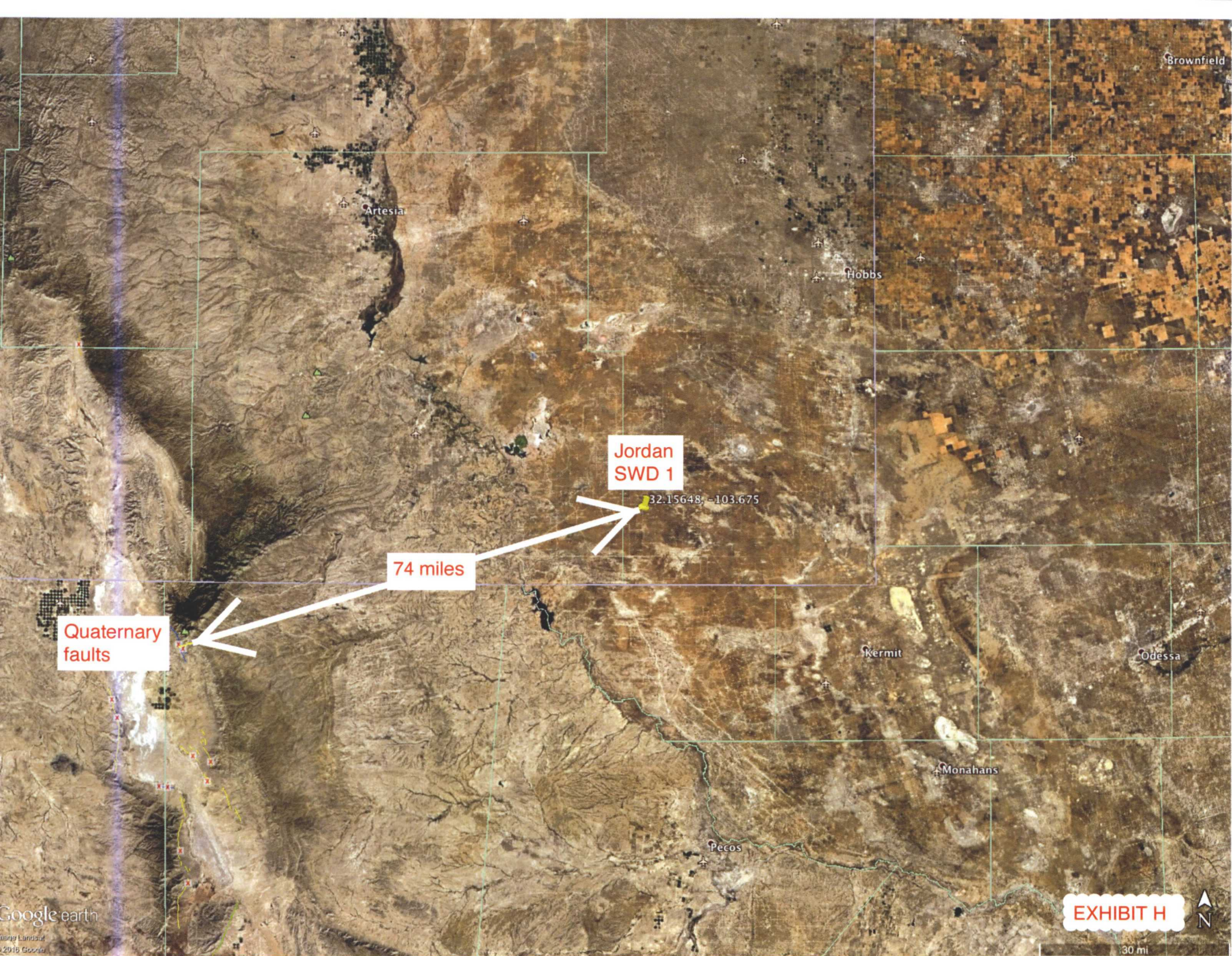
**Northing (Y):** 3558550

**Radius:** 3220 x 3.28 ft/meter = 10,561 feet = 2.00 miles

EXHIBIT G

data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.







# Affidavit of Publication


STATE OF NEW MEXICO  
COUNTY OF LEA

I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

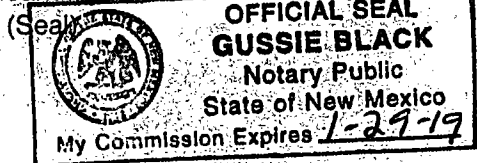
Beginning with the issue dated  
November 16, 2016  
and ending with the issue dated  
November 16, 2016.

  
Publisher

Sworn and subscribed to before me this  
16th day of November 2016.

  
Business Manager

My commission expires  
January 29, 2019



This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937 and payment of fees for said

## LEGALS

### LEGAL NOTICE November 16, 2016

Basic Energy Services, LP will apply to drill the Jordan SWD 1 well as a saltwater disposal well. The well is staked at 1550 FSL & 1100 FEL Sec. 4, T. 25 S., R. 32 E., Lea County and is 28 miles west-northwest of Jal. Disposal will be into the Devonian, Silurian, Fusselman, Montoya and Simpson from 16,840' to 19,550'. Maximum injection pressure will be 3,368 psi. Maximum disposal rate will be 12,000 bwpd. Interested parties must file objections or requests for hearing with the NM Oil Conservation Division, 1220 South Saint Francis Dr., Santa Fe, NM 87505 within 15 days. Additional information can be obtained by contacting Brian Wood, Permits West, Inc., 37 Verano Loop, Santa Fe, NM 87508. Phone number is (505) 466-8120. #31359

02108485

00184489

BRIAN WOOD  
PERMITS WEST  
37 VERANO LOOP  
SANTA FE, NM 87508

EXHIBIT I

**PERMITS WEST INC.**  
PROVIDING PERMITS for LAND USERS  
37 Valencia Loop, Santa Fe, New Mexico 87505 (505) 466-8120

December 9, 2016

BLM  
620 E. Greene  
Carlsbad, NM 88220

Basic Energy Services, LP is applying (see attached application) to drill the Jordan SWD 1 well as a saltwater disposal well. As required by NM Oil Conservation Division (NMOCD) rules, I am notifying you of the following proposed saltwater disposal well. This letter is a notice only. No action is needed unless you have questions or objections.

**Well Name:** Jordan SWD 1 (BLM lease) ID = 19,550'  
**Proposed Disposal Zones:** Devonian, Fusselman, Montoya, & Simpson (16,840' - 19,550')  
**Location:** 1550' FSL & 1100' FEL Sec. 4, T. 25 S., R. 32 E., Lea County, NM  
**Approximate Location:** ~28 air miles west-northwest of Jal, NM  
**Applicant Name:** Basic Energy Services, LP (575) 746-2072  
**Applicant's Address:** P. O. Box 1375, Artesia NM 88211  
**Submittal Information:** Application for a saltwater disposal well will be filed with the NMOCD. If you have an objection, or wish to request a hearing, then it must be filed with the NMOCD within 15 days of receipt of this letter. The New Mexico Oil Conservation Division address is 1220 South St. Francis Dr. Santa Fe, NM 87505. Their phone number is (505) 476-3440.

Please call me if you have any questions.

Sincerely,

*Brian Wood*  
Brian Wood

**PERMITS WEST INC.**  
PROVIDING PERMITS for LAND USERS  
37 Valencia Loop, Santa Fe, New Mexico 87505 (505) 466-8120

December 9, 2016

Apache 1996 A Trust  
2000 Post Oak Blvd.  
Houston TX 77056-4400

Basic Energy Services, LP is applying (see attached application) to drill the Jordan SWD 1 well as a saltwater disposal well. As required by NM Oil Conservation Division (NMOCD) rules, I am notifying you of the following proposed saltwater disposal well. This letter is a notice only. No action is needed unless you have questions or objections.

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Please call me if you have any questions.

Sincerely,

*Brian Wood*  
Brian Wood

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☐ Adult Signature Restricted Delivery \$

Postage \$ 1.57

Total Postage and Fees \$ 4.87

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☐ Adult Signature Restricted Delivery \$

Postage \$ 1.57

Total Postage and Fees \$ 4.87

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December 9, 2016

Apache Corporation  
303 Veterans Airpark Lane, Suite 3000  
Midland TX 79705-4561

Basic Energy Services, LP is applying (see attached application) to drill the Jordan SWD 1 well as a saltwater disposal well. As required by NM Oil Conservation Division (NMOCD) rules, I am notifying you of the following proposed saltwater disposal well. This letter is a notice only. No action is needed unless you have questions or objections.

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Please call me if you have any questions.

Sincerely,

*Brian Wood*  
Brian Wood



December 9, 2016

Elly B. Beard 2007 Trust  
12316 St. Andrews Dr. #A  
Oklahoma City OK 73120

Basic Energy Services, LP is applying (see attached application) to drill the Jordan SWD 1 well as a saltwater disposal well. As required by NM Oil Conservation Division (NMOCD) rules, I am notifying you of the following proposed saltwater disposal well. This letter is a notice only. No action is needed unless you have questions or objections.

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Please call me if you have any questions.

Sincerely,

*Brian Wood*  
Brian Wood

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☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postage \$ 1.57

Total Postage and Fees \$ 7.57

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9182 21 350





December 9, 2016

Chevron USA Inc.  
6301 Deauville  
Midland TX 79706

Basic Energy Services, LP is applying (see attached application) to drill the Jordan SWD 1 well as a saltwater disposal well. As required by NM Oil Conservation Division (NMOCD) rules, I am notifying you of the following proposed saltwater disposal well. This letter is a notice only. No action is needed unless you have questions or objections.

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Please call me if you have any questions.

Sincerely,  
  
Brian Wood



December 9, 2016

Chevron USA Holdings Inc.  
1500 Louisiana  
Houston TX 77002

Basic Energy Services, LP is applying (see attached application) to drill the Jordan SWD 1 well as a saltwater disposal well. As required by NM Oil Conservation Division (NMOCD) rules, I am notifying you of the following proposed saltwater disposal well. This letter is a notice only. No action is needed unless you have questions or objections.

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Please call me if you have any questions.

Sincerely,  
  
Brian Wood

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December 9, 2016

Chisos LTD.  
670 Dona Ana Rd. SW  
Deming NM 88030

Basic Energy Services, LP is applying (see attached application) to drill the Jordan SWD 1 well as a saltwater disposal well. As required by NM Oil Conservation Division (NMOCD) rules, I am notifying you of the following proposed saltwater disposal well. This letter is a notice only. No action is needed unless you have questions or objections.

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Please call me if you have any questions.

Sincerely,  
  
Brian Wood



December 9, 2016

Cross Border Resources Inc.  
14282 Gillis Rd.  
Farmers Branch TX 75244

Basic Energy Services, LP is applying (see attached application) to drill the Jordan SWD 1 well as a saltwater disposal well. As required by NM Oil Conservation Division (NMOCD) rules, I am notifying you of the following proposed saltwater disposal well. This letter is a notice only. No action is needed unless you have questions or objections.

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Please call me if you have any questions.

Sincerely,  
  
Brian Wood

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December 9, 2016

Devon Energy  
20 N. Broadway  
Oklahoma City, OK 73102

Basic Energy Services, LP is applying (see attached application) to drill the Jordan SWD-1 well as a saltwater disposal well. As required by NM Oil Conservation Division (NMOC) rules, I am notifying you of the following proposed saltwater disposal well. This letter is a notice only. No action is needed unless you have questions or objections.

**Well Name:** Jordan SWD-1 (BLM lease) ID = 19,550'  
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Please call me if you have any questions.

Sincerely,

*Brian Wood*  
Brian Wood



December 9, 2016

Devon Energy Prod. Co. LP  
333 W. Sheridan Ave.  
Oklahoma City OK 73102

Basic Energy Services, LP is applying (see attached application) to drill the Jordan SWD-1 well as a saltwater disposal well. As required by NM Oil Conservation Division (NMOC) rules, I am notifying you of the following proposed saltwater disposal well. This letter is a notice only. No action is needed unless you have questions or objections.

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Please call me if you have any questions.

Sincerely,

*Brian Wood*  
Brian Wood

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Sent To Devon Energy Prod. Co. LP

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December 9, 2016

E. H. Leede  
6400 S. Fiddlers Green  
Englewood CO 80122

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Please call me if you have any questions.

Sincerely,  
  
Brian Wood

EXHIBIT J

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☐ Adult Signature Restricted Delivery \$

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Sent To E. H. Leede

Street and Apt. No., or P.O. Box No.

City, State, ZIP+4®

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



December 9, 2016

Leede Operating Co.  
2100 Plaza Tower One  
Englewood CO 80111

Basic Energy Services, LP is applying (see attached application) to drill the Jordan SWD 1 well as a saltwater disposal well. As required by NM Oil Conservation Division (NMOCD) rules, I am notifying you of the following proposed saltwater disposal well. This letter is a notice only. No action is needed unless you have questions or objections.

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Please call me if you have any questions.

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Brian Wood

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City, State, ZIP+4®

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



December 9, 2016

Legacy Reserves Operating LP  
303 W. Wall St., #1800  
Midland TX 79701

Basic Energy Services, LP is applying (see attached application) to drill the Jordan SWD 1 well as a saltwater disposal well. As required by NM Oil Conservation Division (NMOCD) rules, I am notifying you of the following proposed saltwater disposal well. This letter is a notice only. No action is needed unless you have questions or objections.

**Well Name:** Jordan SWD 1 (BLM lease) ID = 19,550'  
**Proposed Disposal Zones:** Devonian, Fusselman, Montoya, & Simpson (16,840' - 19,550')  
**Location:** 1550' FSL & 1100' FEL Sec. 4, T. 25 S., R. 32 E., Lea County, NM  
**Approximate Location:** ~28 air miles west-northwest of Jal, NM  
**Applicant Name:** Basic Energy Services, LP (575) 746-2072  
**Applicant's Address:** P. O. Box 1375, Artesia NM 88211  
**Submission Information:** Application for a saltwater disposal well will be filed with the NMOCD. If you have an objection, or wish to request a hearing, then it must be filed with the NMOCD within 15 days of receipt of this letter. The New Mexico Oil Conservation Division address is 1220 South St. Francis Dr. Santa Fe, NM 87505. Their phone number is (505) 476-3440.

Please call me if you have any questions.

Sincerely,  
  
Brian Wood



December 9, 2016

Manix Energy  
414 W. Texas, Suite 316  
Midland TX 79701

Basic Energy Services, LP is applying (see attached application) to drill the Jordan SWD 1 well as a saltwater disposal well. As required by NM Oil Conservation Division (NMOCD) rules, I am notifying you of the following proposed saltwater disposal well. This letter is a notice only. No action is needed unless you have questions or objections.

**Well Name:** Jordan SWD 1 (BLM lease) ID = 19,550'  
**Proposed Disposal Zones:** Devonian, Fusselman, Montoya, & Simpson (16,840' - 19,550')  
**Location:** 1550' FSL & 1100' FEL Sec. 4, T. 25 S., R. 32 E., Lea County, NM  
**Approximate Location:** ~28 air miles west-northwest of Jal, NM  
**Applicant Name:** Basic Energy Services, LP (575) 746-2072  
**Applicant's Address:** P. O. Box 1375, Artesia NM 88211  
**Submission Information:** Application for a saltwater disposal well will be filed with the NMOCD. If you have an objection, or wish to request a hearing, then it must be filed with the NMOCD within 15 days of receipt of this letter. The New Mexico Oil Conservation Division address is 1220 South St. Francis Dr. Santa Fe, NM 87505. Their phone number is (505) 476-3440.

Please call me if you have any questions.

Sincerely,  
  
Brian Wood

7016 2070 0000 9704 4201

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☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

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Total Postage and Fees \$ 7.57

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City, State, ZIP+4®:

DEC 12 2016

EXHIBIT J

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☐ Adult Signature Restricted Delivery \$

Postage \$ 1.57

Total Postage and Fees \$ 7.57

Sent To: Manix Energy

Street and Apt. No., or PO Box No.:

City, State, ZIP+4®:

DEC 12 2016



December 9, 2016

Noble Energy, Inc.  
1625 Broadway, Suite 2200  
Denver, CO 80202

Basic Energy Services, LP is applying (see attached application) to drill the Jordan SWD 1 well as a saltwater disposal well. As required by NM Oil Conservation Division (NMOCD) rules, I am notifying you of the following proposed saltwater disposal well. This letter is a notice only. No action is needed unless you have questions or objections.

**Well Name:** Jordan SWD 1 (BLM lease) ID = 19,550'  
**Proposed Disposal Zones:** Devonian, Fusselman, Montoya, & Simpson (16,840' - 19,550')  
**Location:** 1550' FSL & 1100' FEL Sec. 4, T. 25 S., R. 32 E., Lea County, NM  
**Approximate Location:** ~28 air miles west-northwest of Jal, NM  
**Applicant Name:** Basic Energy Services, LP (575) 746-2072  
**Applicant's Address:** P. O. Box 1375, Artesia NM 88211  
**Submission Information:** Application for a saltwater disposal well will be filed with the NMOCD. If you have an objection, or wish to request a hearing, then it must be filed with the NMOCD within 15 days of receipt of this letter. The New Mexico Oil Conservation Division address is 1220 South St. Francis Dr. Santa Fe, NM 87505. Their phone number is (505) 476-3440.

Please call me if you have any questions.

Sincerely,  
  
Brian Wood



December 9, 2016

Paduca Partners LLC  
2100 Plaza Tower One  
Greenwood Village, CO 80111

Basic Energy Services, LP is applying (see attached application) to drill the Jordan SWD 1 well as a saltwater disposal well. As required by NM Oil Conservation Division (NMOCD) rules, I am notifying you of the following proposed saltwater disposal well. This letter is a notice only. No action is needed unless you have questions or objections.

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**Applicant Name:** Basic Energy Services, LP (575) 746-2072  
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Please call me if you have any questions.

Sincerely,  
  
Brian Wood

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Total Postage and Fees \$ 7.57

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☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postage \$ 1.57

Total Postage and Fees \$ 7.57

Sent To Paduca Partners

Street and Apt. No., or PO Box No.

City, State, ZIP+4®

Postmark  
DEC 12 2016



December 9, 2016

OXY USA Inc.  
P. O. Box 27570  
Houston TX 77227

Basic Energy Services, LP is applying (see attached application) to drill the Jordan SWD 1 well as a saltwater disposal well. As required by NM Oil Conservation Division (NMOCD) rules, I am notifying you of the following proposed saltwater disposal well. This letter is a notice only. No action is needed unless you have questions or objections.

**Well Name:** Jordan SWD 1 (BLM lease) ID = 19,550'  
**Proposed Disposal Zones:** Devonian, Fusselman, Montoya, & Simpson (16,840' - 19,550')  
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Please call me if you have any questions.

Sincerely,

*Brian Wood*  
Brian Wood



December 9, 2016

OXY USA Inc.  
5 Greenway Plaza, #110  
Houston TX 77046

Basic Energy Services, LP is applying (see attached application) to drill the Jordan SWD 1 well as a saltwater disposal well. As required by NM Oil Conservation Division (NMOCD) rules, I am notifying you of the following proposed saltwater disposal well. This letter is a notice only. No action is needed unless you have questions or objections.

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Please call me if you have any questions.

Sincerely,

*Brian Wood*  
Brian Wood

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☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postage \$ 1.57

Total Postage and Fees \$ 7.57

Sent To Oxy USA Inc.

Street and Apt. No., or PO Box No. P.O. Box 27570

City, State, ZIP+4® Houston TX 77227

Postmark  
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EXHIBIT J

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☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postage \$ 1.57

Total Postage and Fees \$ 7.57

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City, State, ZIP+4® Houston TX 77046

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**PERMITS WEST** INC.  
PROVIDING PERMITS for LAND USERS  
37 Ventura Loop, Santa Fe, New Mexico 87508 (505) 466-8120

December 9, 2016

Penroc Oil Corp.  
P. O. Box 2769  
Hobbs NM 88241

Basic Energy Services, LP is applying (see attached application) to drill the Jordan SWD 1 well as a saltwater disposal well. As required by NM Oil Conservation Division (NMOCD) rules, I am notifying you of the following proposed saltwater disposal well. This letter is a notice only. No action is needed unless you have questions or objections.

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Please call me if you have any questions.

Sincerely,

*Brian Wood*  
Brian Wood

EXHIBIT J3

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☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postage \$ 1.51

Total Postage and Fees \$ 4.81

Sent To Penroc Oil Company Corp

Street and Apt. No., or PO Box No.

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DEC 12 2016

**PERMITS WEST** INC.  
PROVIDING PERMITS for LAND USERS  
37 Ventura Loop, Santa Fe, New Mexico 87508 (505) 466-8120

December 9, 2016

Petrohawk Energy Corp.  
c/o BHP Billiton  
P. O. Box 22719  
Houston TX 77227

Basic Energy Services, LP is applying (see attached application) to drill the Jordan SWD 1 well as a saltwater disposal well. As required by NM Oil Conservation Division (NMOCD) rules, I am notifying you of the following proposed saltwater disposal well. This letter is a notice only. No action is needed unless you have questions or objections.

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**Applicant's Address:** P. O. Box 1375, Artesia NM 88211  
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Please call me if you have any questions.

Sincerely,

*Brian Wood*  
Brian Wood

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☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postage \$ 1.51

Total Postage and Fees \$ 4.81

Sent To Petrohawk c/o BHP Billiton

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See Reverse for Instructions

Postmark Here  
DEC 12 2016





December 9, 2016

PXP Producing Co. LLC  
717 Texas St., Suite 2100  
Houston TX 77002

Basic Energy Services, LP is applying (see attached application) to drill the Jordan SWD 1 well as a saltwater disposal well. As required by NM Oil Conservation Division (NMOCD) rules, I am notifying you of the following proposed saltwater disposal well. This letter is a notice only. No action is needed unless you have questions or objections.

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**Applicant's Address:** P. O. Box 1375, Artesia NM 88211  
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Please call me if you have any questions.

Sincerely,

*Brian Wood*  
Brian Wood



December 9, 2016

Sahara Operating Co.  
P. O. Box 4130  
Midland TX 79704

Basic Energy Services, LP is applying (see attached application) to drill the Jordan SWD 1 well as a saltwater disposal well. As required by NM Oil Conservation Division (NMOCD) rules, I am notifying you of the following proposed saltwater disposal well. This letter is a notice only. No action is needed unless you have questions or objections.

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Please call me if you have any questions.

Sincerely,

*Brian Wood*  
Brian Wood

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Total Postage and Fees \$ 7.57

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EXHIBIT J

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☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postage \$ 1.57

Total Postage and Fees \$ 7.57

Sent To Sahara Operating Co.

Street and Apt. No., or PO Box No.

City, State, ZIP+4®

DEC 12 2016

PS Form 3800, April 2015 edition

**PERMITS WEST INC.**  
 PROVIDING PERMITS for LAND USERS  
17 Victoria Lodge, Santa Fe, New Mexico 87505 (505) 466-8120

December 9, 2016

XTO Energy Inc.  
 810 Houston St., #2000  
 Ft. Worth TX 76102

Basic Energy Services, LP is applying (see attached application) to drill the Jordan SWD 1 well as a saltwater disposal well. As required by NM Oil Conservation Division (NMOCD) rules, I am notifying you of the following proposed saltwater disposal well. This letter is a notice only. No action is needed unless you have questions or objections.

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Please call me if you have any questions.

Sincerely,

*Brian Wood*  
 Brian Wood

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<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$
Postage	\$ 1.57
Total Postage and Fees	\$ 7.57
Sent To	XTO Energy Inc.
Street and Apt. No., or PO Box No.	
City, State, ZIP+4®	

EXHIBIT J

## Inactive Well Additional Financial Assurance Report

246368 BASIC ENERGY SERVICES, LP

Total Well Count: 13

Printed On: Wednesday, December 14 2016

Property	Well Name	Lease Type	ULSTR	OCD Unit Letter	API	Well Type	Last Prod/Inj	Inactive Additional Bond Due	Measured Depth	Required Bond Amount	Bond Required Now	Covered By Blanket TA Bond	Bond In Place	In Violation
303946	BELCO #001	P	E-20-23S-28E	E	30-015-25141	S	10/2015	11/01/2017	Unknown	Unknown			0	
	BELCO #002	P	F-20-23S-28E	F	30-015-25433	S	09/2016	10/01/2018	Unknown	Unknown			10930	
303510	EUNICE #001	F	O-34-21S-37E	O	30-025-26884	M			1816				0	
313038	HOBBS SWD #016	P	P-16-19S-38E	P	30-025-07701	S	10/2016	11/01/2018	10008	15008			0	
316145	ISAIAH FEE SWD #001	P	E-20-23S-28E	E	30-015-43742	S			Unknown				0	
303235	LEA #002	P	A-17-23S-37E	A	30-025-27682	S	10/2016	11/01/2018	6700	11700			7500	
303947	MYRTLE MYRA SWD #001	F	C-21-21S-27E	C	30-015-21515	S	10/2016		11730				0	
39193	RED HAWK 32 STATE #001	S	L-32-19S-34E	L	30-025-31888	S	10/2016	11/01/2018	13660	18660			18660	
	RED HAWK 32 STATE #002	S	J-32-19S-34E	J	30-025-32003	S	10/2016	11/01/2018	13612	18612			0	
303511	SALADO #002	P	A-20-25S-37E	A	30-025-32394	M			1650				0	
39704	SHUGART STATE #002	S	K-16-18S-31E	K	30-015-32438	S	10/2016	11/01/2018	5840	10840			0	
303948	STATE G COM #001	S	E-24-19S-27E	E	30-015-22955	S	10/2016	11/01/2018	11136	16136			0	
306022	STATE NO #001	S	2-07-19S-36E	E	30-025-28468	S	09/2015	10/01/2017	11040	16040			0	

WHERE Ogrid:246368

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■ Complete items 1, 2, and 3.  
■ Print your name and address on the reverse so that we can return the card to you.  
■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Apache Corporation  
303 Veterans Airpark Ln., #3000  
Midland TX 79705

2. Article Number (Transfer from service label)  
7016 2070 0000 9704 4102

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

A. Signature  
X *Jimmy Whitelaw* ☐ Agent ☐ Addressee

B. Received by (Printed Name)  
Jimmy Whitelaw

C. Date of Delivery  
12/15/16

D. Is delivery address different from item 1? ☐ Yes  
If YES, enter delivery address below: ☐ No

3. Service Type  
☐ Adult Signature ☐ Priority Mail Express®  
☐ Adult Signature Restricted Delivery ☐ Registered Mail™  
☐ Certified Mail® ☐ Registered Mail Restricted Delivery  
☐ Certified Mail Restricted Delivery ☐ Return Receipt for Merchandise  
☐ Collect on Delivery ☐ Signature Confirmation™  
☐ Collect on Delivery Restricted Delivery ☐ Signature Confirmation Restricted Delivery  
☐ Insured Mail ☐ Restricted Delivery

■ Complete items 1, 2, and 3.  
■ Print your name and address on the reverse so that we can return the card to you.  
■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Chevron USA Holdings Inc.  
1500 Louisiana  
Houston TX 77002

2. Article Number (Transfer from service label)  
7016 2070 0000 9704 4133

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

A. Signature  
X *Jimmy Whitelaw* ☐ Agent ☐ Addressee

B. Received by (Printed Name)  
Jimmy Whitelaw

C. Date of Delivery  
12/15/16

D. Is delivery address different from item 1? ☐ Yes  
If YES, enter delivery address below: ☐ No

3. Service Type  
☐ Adult Signature ☐ Priority Mail Express®  
☐ Adult Signature Restricted Delivery ☐ Registered Mail™  
☐ Certified Mail® ☐ Registered Mail Restricted Delivery  
☐ Certified Mail Restricted Delivery ☐ Return Receipt for Merchandise  
☐ Collect on Delivery ☐ Signature Confirmation™  
☐ Collect on Delivery Restricted Delivery ☐ Signature Confirmation Restricted Delivery  
☐ Insured Mail ☐ Restricted Delivery

SENDER: COMPLETE THIS SECTION

■ Complete items 1, 2, and 3.  
■ Print your name and address on the reverse so that we can return the card to you.  
■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Apache 1996 A Trust  
2000 Post Oak Blvd.  
Houston TX 77056

2. Article Number (Transfer from service label)  
7016 2070 0000 9704 4096

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

A. Signature  
X *A. Centeno* ☐ Agent ☐ Addressee

B. Received by (Printed Name)  
A. Centeno

C. Date of Delivery  
12-15-16

D. Is delivery address different from item 1? ☐ Yes  
If YES, enter delivery address below: ☐ No

3. Service Type  
☐ Adult Signature ☐ Priority Mail Express®  
☐ Adult Signature Restricted Delivery ☐ Registered Mail™  
☐ Certified Mail® ☐ Registered Mail Restricted Delivery  
☐ Certified Mail Restricted Delivery ☐ Return Receipt for Merchandise  
☐ Collect on Delivery ☐ Signature Confirmation™  
☐ Collect on Delivery Restricted Delivery ☐ Signature Confirmation Restricted Delivery  
☐ Insured Mail ☐ Restricted Delivery

SENDER: COMPLETE THIS SECTION

■ Complete items 1, 2, and 3.  
■ Print your name and address on the reverse so that we can return the card to you.  
■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Chisos LTD.  
670 Dona Ana Rd. SW  
Deming NM 88030

2. Article Number (Transfer from service label)  
7016 2070 0000 9704 4140

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

A. Signature  
X *Chisos LTD.* ☐ Agent ☐ Addressee

B. Received by (Printed Name)  
Chisos LTD.

C. Date of Delivery  
12/14/16

D. Is delivery address different from item 1? ☐ Yes  
If YES, enter delivery address below: ☐ No

3. Service Type  
☐ Adult Signature ☐ Priority Mail Express®  
☐ Adult Signature Restricted Delivery ☐ Registered Mail™  
☐ Certified Mail® ☐ Registered Mail Restricted Delivery  
☐ Certified Mail Restricted Delivery ☐ Return Receipt for Merchandise  
☐ Collect on Delivery ☐ Signature Confirmation™  
☐ Collect on Delivery Restricted Delivery ☐ Signature Confirmation Restricted Delivery  
☐ Insured Mail ☐ Restricted Delivery

SENDER: COMPLETE THIS SECTION

■ Complete items 1, 2, and 3.  
■ Print your name and address on the reverse so that we can return the card to you.  
■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Elly B. Beard 2007 Trust  
12316 St. Andrews Dr. #A  
Oklahoma City OK 73120

2. Article Number (Transfer from service label)  
7016 2070 0000 9704 4119

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

A. Signature  
X *Elly B. Beard* ☐ Agent ☐ Addressee

B. Received by (Printed Name)  
Elly B. Beard

C. Date of Delivery  
12-15-16

D. Is delivery address different from item 1? ☐ Yes  
If YES, enter delivery address below: ☐ No

3. Service Type  
☐ Adult Signature ☐ Priority Mail Express®  
☐ Adult Signature Restricted Delivery ☐ Registered Mail™  
☐ Certified Mail® ☐ Registered Mail Restricted Delivery  
☐ Certified Mail Restricted Delivery ☐ Return Receipt for Merchandise  
☐ Collect on Delivery ☐ Signature Confirmation™  
☐ Collect on Delivery Restricted Delivery ☐ Signature Confirmation Restricted Delivery  
☐ Insured Mail ☐ Restricted Delivery

SENDER: COMPLETE THIS SECTION

■ Complete items 1, 2, and 3.  
■ Print your name and address on the reverse so that we can return the card to you.  
■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Cross Border Resources Inc.  
14282 Gillis Rd.  
Farmers Branch TX 75244

2. Article Number (Transfer from service label)  
7016 2070 0000 9704 4157

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

A. Signature  
X *Cross Border Resources Inc.* ☐ Agent ☐ Addressee

B. Received by (Printed Name)  
Cross Border Resources Inc.

C. Date of Delivery  
12/15/16

D. Is delivery address different from item 1? ☐ Yes  
If YES, enter delivery address below: ☐ No

3. Service Type  
☐ Adult Signature ☐ Priority Mail Express®  
☐ Adult Signature Restricted Delivery ☐ Registered Mail™  
☐ Certified Mail® ☐ Registered Mail Restricted Delivery  
☐ Certified Mail Restricted Delivery ☐ Return Receipt for Merchandise  
☐ Collect on Delivery ☐ Signature Confirmation™  
☐ Collect on Delivery Restricted Delivery ☐ Signature Confirmation Restricted Delivery  
☐ Insured Mail ☐ Restricted Delivery

SENDER: COMPLETE THIS SECTION

■ Complete items 1, 2, and 3.  
■ Print your name and address on the reverse so that we can return the card to you.  
■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

BLM  
620 E. Greene  
Carlsbad NM 88220

2. Article Number (Transfer from service label)  
7016 2070 0000 9704 4089

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

A. Signature  
X *BLM* ☐ Agent ☐ Addressee

B. Received by (Printed Name)  
BLM

C. Date of Delivery  
12/15/16

D. Is delivery address different from item 1? ☐ Yes  
If YES, enter delivery address below: ☐ No

3. Service Type  
☐ Adult Signature ☐ Priority Mail Express®  
☐ Adult Signature Restricted Delivery ☐ Registered Mail™  
☐ Certified Mail® ☐ Registered Mail Restricted Delivery  
☐ Certified Mail Restricted Delivery ☐ Return Receipt for Merchandise  
☐ Collect on Delivery ☐ Signature Confirmation™  
☐ Collect on Delivery Restricted Delivery ☐ Signature Confirmation Restricted Delivery  
☐ Insured Mail ☐ Restricted Delivery

SENDER: COMPLETE THIS SECTION

■ Complete items 1, 2, and 3.  
■ Print your name and address on the reverse so that we can return the card to you.  
■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Devon Energy  
20 N. Broadway  
Oklahoma City OK 73102

2. Article Number (Transfer from service label)  
7016 2070 0000 9704 4164

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

A. Signature  
X *Devon Energy* ☐ Agent ☐ Addressee

B. Received by (Printed Name)  
Devon Energy

C. Date of Delivery  
12/15/16

D. Is delivery address different from item 1? ☐ Yes  
If YES, enter delivery address below: ☐ No

3. Service Type  
☐ Adult Signature ☐ Priority Mail Express®  
☐ Adult Signature Restricted Delivery ☐ Registered Mail™  
☐ Certified Mail® ☐ Registered Mail Restricted Delivery  
☐ Certified Mail Restricted Delivery ☐ Return Receipt for Merchandise  
☐ Collect on Delivery ☐ Signature Confirmation™  
☐ Collect on Delivery Restricted Delivery ☐ Signature Confirmation Restricted Delivery  
☐ Insured Mail ☐ Restricted Delivery

SENDER: COMPLETE THIS SECTION

■ Complete items 1, 2, and 3.  
■ Print your name and address on the reverse so that we can return the card to you.  
■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Chevron USA Inc.  
6301 Deauville  
Midland TX 79706

2. Article Number (Transfer from service label)  
7016 2070 0000 9704 4126

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

A. Signature  
X *Chevron USA Inc.* ☐ Agent ☐ Addressee

B. Received by (Printed Name)  
Chevron USA Inc.

C. Date of Delivery  
12/15/16

D. Is delivery address different from item 1? ☐ Yes  
If YES, enter delivery address below: ☐ No

3. Service Type  
☐ Adult Signature ☐ Priority Mail Express®  
☐ Adult Signature Restricted Delivery ☐ Registered Mail™  
☐ Certified Mail® ☐ Registered Mail Restricted Delivery  
☐ Certified Mail Restricted Delivery ☐ Return Receipt for Merchandise  
☐ Collect on Delivery ☐ Signature Confirmation™  
☐ Collect on Delivery Restricted Delivery ☐ Signature Confirmation Restricted Delivery  
☐ Insured Mail ☐ Restricted Delivery

SENDER: COMPLETE THIS SECTION

■ Complete items 1, 2, and 3.  
■ Print your name and address on the reverse so that we can return the card to you.  
■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Devon Energy Prod. Co. LP  
333 W. Sheridan Ave.  
Oklahoma City OK 73102

2. Article Number (Transfer from service label)  
7016 2070 0000 9704 4171

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

A. Signature  
X *Devon Energy Prod. Co. LP* ☐ Agent ☐ Addressee

B. Received by (Printed Name)  
Devon Energy Prod. Co. LP

C. Date of Delivery  
12/15/16

D. Is delivery address different from item 1? ☐ Yes  
If YES, enter delivery address below: ☐ No

3. Service Type  
☐ Adult Signature ☐ Priority Mail Express®  
☐ Adult Signature Restricted Delivery ☐ Registered Mail™  
☐ Certified Mail® ☐ Registered Mail Restricted Delivery  
☐ Certified Mail Restricted Delivery ☐ Return Receipt for Merchandise  
☐ Collect on Delivery ☐ Signature Confirmation™  
☐ Collect on Delivery Restricted Delivery ☐ Signature Confirmation Restricted Delivery  
☐ Insured Mail ☐ Restricted Delivery

**SENDER: COMPLETE THIS SECTION**

■ Complete items 1, 2, and 3.  
 ■ Print your name and address on the reverse so that we can return the card to you.  
 ■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:  
 E. H. Leede  
 6400 S. Fiddlers Green  
 Englewood CO 80122

9590 9402 2411 6249 6750 58  
 Basic - Jordan SWD

2. Article Number (Transfer from service label)  
 7016 2070 0000 9704 4188

PS Form 3811, July 2015 PSN 7530-02-000-9053

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  
 X *[Signature]* ☐ Agent ☐ Addressee

B. Received by (Printed Name)  
 C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes  
 If YES, enter delivery address below: ☐ No

3. Service Type  
☐ Adult Signature ☐ Priority Mail Express®  
☐ Adult Signature Restricted Delivery ☐ Registered Mail™  
☐ Certified Mail® ☐ Registered Mail Restricted Delivery  
☐ Certified Mail Restricted Delivery ☐ Return Receipt for Merchandise  
☐ Collect on Delivery ☐ Signature Confirmation™  
☐ Collect on Delivery Restricted Delivery ☐ Signature Confirmation Restricted Delivery  
☐ Insured Mail ☐ Restricted Delivery

Domestic Return Receipt

**SENDER: COMPLETE THIS SECTION**

■ Complete items 1, 2, and 3.  
 ■ Print your name and address on the reverse so that we can return the card to you.  
 ■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:  
 Sahara Operating Co.  
 P. O. Box 4130  
 Midland TX 79704

9590 9402 2411 6249 6751 84  
 Basic - Jordan SWD

2. Article Number (Transfer from service label)  
 7016 2070 0000 9704 4294

PS Form 3811, July 2015 PSN 7530-02-000-9053

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  
 X *[Signature]* ☐ Agent ☐ Addressee

B. Received by (Printed Name)  
 C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes  
 If YES, enter delivery address below: ☐ No

3. Service Type  
☐ Adult Signature ☐ Priority Mail Express®  
☐ Adult Signature Restricted Delivery ☐ Registered Mail™  
☐ Certified Mail® ☐ Registered Mail Restricted Delivery  
☐ Certified Mail Restricted Delivery ☐ Return Receipt for Merchandise  
☐ Collect on Delivery ☐ Signature Confirmation™  
☐ Collect on Delivery Restricted Delivery ☐ Signature Confirmation Restricted Delivery  
☐ Insured Mail ☐ Restricted Delivery

Domestic Return Receipt

**SENDER: COMPLETE THIS SECTION**

■ Complete items 1, 2, and 3.  
 ■ Print your name and address on the reverse so that we can return the card to you.  
 ■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:  
 Legacy Reserves Operating LP  
 303 W. Wall St., #1800  
 Midland TX 79701

9590 9402 2411 6249 6750 72  
 Basic - Jordan SWD

2. Article Number (Transfer from service label)  
 7016 2070 0000 9704 4201

PS Form 3811, July 2015 PSN 7530-02-000-9053

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  
 X *[Signature]* ☐ Agent ☐ Addressee

B. Received by (Printed Name)  
 C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes  
 If YES, enter delivery address below: ☐ No

3. Service Type  
☐ Adult Signature ☐ Priority Mail Express®  
☐ Adult Signature Restricted Delivery ☐ Registered Mail™  
☐ Certified Mail® ☐ Registered Mail Restricted Delivery  
☐ Certified Mail Restricted Delivery ☐ Return Receipt for Merchandise  
☐ Collect on Delivery ☐ Signature Confirmation™  
☐ Collect on Delivery Restricted Delivery ☐ Signature Confirmation Restricted Delivery  
☐ Insured Mail ☐ Restricted Delivery

Domestic Return Receipt

**SENDER: COMPLETE THIS SECTION**

■ Complete items 1, 2, and 3.  
 ■ Print your name and address on the reverse so that we can return the card to you.  
 ■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:  
 XTO Energy Inc.  
 810 Houston St., #2000  
 Ft. Worth TX 76102

9590 9402 2411 6249 6751 71  
 Basic - Jordan SWD

2. Article Number (Transfer from service label)  
 7016 2070 0000 9704 4300

PS Form 3811, July 2015 PSN 7530-02-000-9053

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  
 X *[Signature]* ☐ Agent ☐ Addressee

B. Received by (Printed Name)  
 C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes  
 If YES, enter delivery address below: ☐ No

3. Service Type  
☐ Adult Signature ☐ Priority Mail Express®  
☐ Adult Signature Restricted Delivery ☐ Registered Mail™  
☐ Certified Mail® ☐ Registered Mail Restricted Delivery  
☐ Certified Mail Restricted Delivery ☐ Return Receipt for Merchandise  
☐ Collect on Delivery ☐ Signature Confirmation™  
☐ Collect on Delivery Restricted Delivery ☐ Signature Confirmation Restricted Delivery  
☐ Insured Mail ☐ Restricted Delivery

Domestic Return Receipt

**SENDER: COMPLETE THIS SECTION**

■ Complete items 1, 2, and 3.  
 ■ Print your name and address on the reverse so that we can return the card to you.  
 ■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:  
 Noble Energy Inc.  
 1625 Broadway, Suite 2200  
 Denver CO 80202

9590 9402 2411 6249 6750 96  
 Basic - Jordan SWD

2. Article Number (Transfer from service label)  
 7016 2070 0000 9704 4225

PS Form 3811, July 2015 PSN 7530-02-000-9053

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  
 X *[Signature]* ☐ Agent ☐ Addressee

B. Received by (Printed Name)  
 C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes  
 If YES, enter delivery address below: ☐ No

3. Service Type  
☐ Adult Signature ☐ Priority Mail Express®  
☐ Adult Signature Restricted Delivery ☐ Registered Mail™  
☐ Certified Mail® ☐ Registered Mail Restricted Delivery  
☐ Certified Mail Restricted Delivery ☐ Return Receipt for Merchandise  
☐ Collect on Delivery ☐ Signature Confirmation™  
☐ Collect on Delivery Restricted Delivery ☐ Signature Confirmation Restricted Delivery  
☐ Insured Mail ☐ Restricted Delivery

Domestic Return Receipt

**SENDER: COMPLETE THIS SECTION**

■ Complete items 1, 2, and 3.  
 ■ Print your name and address on the reverse so that we can return the card to you.  
 ■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:  
 Penroc Oil Corp.  
 P. O. Box 2769  
 Hobbs NM 88241

9590 9402 2411 6249 6751 33  
 Basic - Jordan SWD

2. Article Number (Transfer from service label)  
 7016 2070 0000 9704 4263

PS Form 3811, July 2015 PSN 7530-02-000-9053

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  
 X *[Signature]* ☐ Agent ☐ Addressee

B. Received by (Printed Name)  
 C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes  
 If YES, enter delivery address below: ☐ No

3. Service Type  
☐ Adult Signature ☐ Priority Mail Express®  
☐ Adult Signature Restricted Delivery ☐ Registered Mail™  
☐ Certified Mail® ☐ Registered Mail Restricted Delivery  
☐ Certified Mail Restricted Delivery ☐ Return Receipt for Merchandise  
☐ Collect on Delivery ☐ Signature Confirmation™  
☐ Collect on Delivery Restricted Delivery ☐ Signature Confirmation Restricted Delivery  
☐ Insured Mail ☐ Restricted Delivery

Domestic Return Receipt

**SENDER: COMPLETE THIS SECTION**

■ Complete items 1, 2, and 3.  
 ■ Print your name and address on the reverse so that we can return the card to you.  
 ■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:  
 PXP Producing Co. LLC  
 717 Texas St., Suite 2100  
 Houston TX 77002-2753

9590 9402 2411 6249 6751 57  
 Basic - Jordan SWD

2. Article Number (Transfer from service label)  
 7016 2070 0000 9704 4287

PS Form 3811, July 2015 PSN 7530-02-000-9053

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  
 X *[Signature]* ☐ Agent ☐ Addressee

B. Received by (Printed Name)  
 C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes  
 If YES, enter delivery address below: ☐ No

3. Service Type  
☐ Adult Signature ☐ Priority Mail Express®  
☐ Adult Signature Restricted Delivery ☐ Registered Mail™  
☐ Certified Mail® ☐ Registered Mail Restricted Delivery  
☐ Certified Mail Restricted Delivery ☐ Return Receipt for Merchandise  
☐ Collect on Delivery ☐ Signature Confirmation™  
☐ Collect on Delivery Restricted Delivery ☐ Signature Confirmation Restricted Delivery  
☐ Insured Mail ☐ Restricted Delivery

Domestic Return Receipt

CERTIFIED MAIL

7016 2070 0000 9704 4195



**SENDER: COMPLETE THIS SECTION**

1. Article Addressed to:  
 Leede Operating Co.  
 2100 Plaza Tower One  
 Englewood CO 80111

2. Article Number (transfer from service label)  
 9590 9402 2411 6249 8750 85  
 Basic - Jordan SWD

3. Service Type  
☒ Priority Mail Express  
☐ Registered Mail  
☐ Registered Mail Restricted Delivery  
☐ Certified Mail  
☐ Collect on Delivery  
☐ Signature Confirmation  
☐ Signature Confirmation Restricted Delivery  
☐ Restricted Delivery

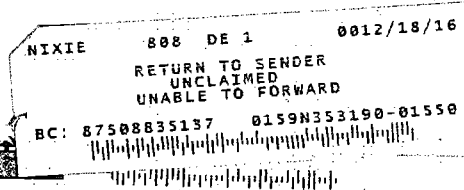
4. Is delivery address different from item 1? ☐ Yes ☒ No  
 If YES, enter delivery address below:

5. Signature  
☒ Agent  
☐ Addressee  
☐ Recipient by (Printed Name)  
☐ Date of Delivery

6. PS Form 3811, July 2015 PSN 7590-02-000-9053

**PERMITS WEST INC.**  
 PROVIDING PERMITS for LAND USERS  
 37 VERANO LOOP SANTA FE, NEW MEXICO 87508

To: Leede Operating Co.  
 2100 Plaza Tower One  
 Englewood CO 80111



**SENDER: COMPLETE THIS SECTION**

1. Article Addressed to:  
 Paduca Partners LLC  
 2100 Plaza Tower One  
 Greenwood Village CO 80111

2. Article Number (transfer from service label)  
 9590 9402 2411 6249 6751 26  
 Basic - Jordan SWD

3. Service Type  
☒ Priority Mail Express  
☐ Registered Mail  
☐ Registered Mail Restricted Delivery  
☐ Certified Mail  
☐ Collect on Delivery  
☐ Signature Confirmation  
☐ Signature Confirmation Restricted Delivery  
☐ Restricted Delivery

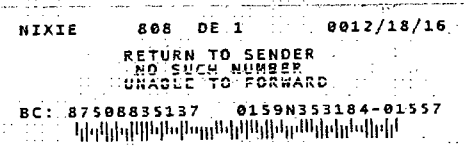
4. Is delivery address different from item 1? ☐ Yes ☒ No  
 If YES, enter delivery address below:

5. Signature  
☒ Agent  
☐ Addressee  
☐ Recipient by (Printed Name)  
☐ Date of Delivery

6. PS Form 3811, July 2015 PSN 7590-02-000-9053

**PERMITS WEST INC.**  
 PROVIDING PERMITS for LAND USERS  
 37 VERANO LOOP SANTA FE, NEW MEXICO 87508

To: Paduca Partners LLC  
 2100 Plaza Tower One  
 Greenwood Village CO 80111



## **McMillan, Michael, EMNRD**

---

**From:** McMillan, Michael, EMNRD  
**Sent:** Friday, December 23, 2016 7:53 AM  
**To:** 'Brian Wood'  
**Subject:** RE: Basic Energy's Jordan SWD 1 green cards

The OCD will require affidavit of publication lost interest Thank You

MICHAEL A. MCMILLAN  
Engineering Bureau, Oil Conservation Division  
1220 south St. Francis Dr., Santa Fe NM 87505  
O: 505.476.3448  
Michael.McMillan@state.nm.us

-----Original Message-----

From: Brian Wood [mailto:brian@permitswest.com]  
Sent: Thursday, December 22, 2016 8:40 PM  
To: McMillan, Michael, EMNRD <Michael.McMillan@state.nm.us>  
Subject: Basic Energy's Jordan SWD 1 green cards

Surface owner (BLM) green card is on 1st page.

## **McMillan, Michael, EMNRD**

---

**From:** McMillan, Michael, EMNRD  
**Sent:** Wednesday, January 25, 2017 8:20 AM  
**To:** 'Brian Wood'  
**Cc:** Jones, William V, EMNRD; Goetze, Phillip, EMNRD; Lowe, Leonard, EMNRD  
**Subject:** RE: Basic Energy's Jordan SWD 1 green cards

Brian:

Paduca Energy Partners and Leede Operating Company were unlocatable interests.

If the OCD does not received an affidavit of publication by 8:00 AM Monday January 30, 2017, I will cancel your application. These are the unlocatable interest that you did not properly notify.

Thank You

MICHAEL A. MCMILLAN  
Engineering Bureau, Oil Conservation Division  
1220 south St. Francis Dr., Santa Fe NM 87505  
O: 505.476.3448  
Michael.McMillan@state.nm.us

-----Original Message-----

**From:** McMillan, Michael, EMNRD  
**Sent:** Wednesday, January 11, 2017 2:00 PM  
**To:** 'Brian Wood' <brian@permitswest.com>  
**Subject:** RE: Basic Energy's Jordan SWD 1 green cards

There were lost interest that I was concerned about Mike

-----Original Message-----

**From:** Brian Wood [mailto:brian@permitswest.com]  
**Sent:** Wednesday, January 11, 2017 1:54 PM  
**To:** McMillan, Michael, EMNRD <Michael.McMillan@state.nm.us>  
**Subject:** Re: Basic Energy's Jordan SWD 1 green cards

Surface owner (BLM) is on 1st page.



Jordan

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
<p><input checked="" type="checkbox"/> Complete items 1, 2, and 3.</p> <p><input checked="" type="checkbox"/> Print your name and address on the reverse so that we can return the card to you.</p> <p><input checked="" type="checkbox"/> Attach this card to the back of the mailpiece, or on the front if space permits.</p> <p>1. Article Addressed to:</p> <p>Leede Operating Co. 6400 S. Fiddler's Green Cir., #2100 Englewood CO 80111</p>		<p>A. Signature <b>X</b> <i>[Signature]</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <i>[Signature]</i> C. Date of Delivery <b>11/3/17</b></p> <p>D. Is delivery address different from item 1? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If YES, enter delivery address below:</p>	
<p>2. Article Number (Transfer from service label)</p> <p>9590 9402 1840 6104 1562 11 Basic - Jordan SWD</p> <p>7014 2870 0001 8951 4203</p>		<p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express®</p> <p><input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™</p> <p><input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery</p> <p><input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Return Receipt for Merchandise</p> <p><input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation™</p> <p><input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p>	
PS Form 3811, July 2015 PSN 7530-02-000-9053		Domestic Return Receipt	

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
<p><input checked="" type="checkbox"/> Complete items 1, 2, and 3.</p> <p><input checked="" type="checkbox"/> Print your name and address on the reverse so that we can return the card to you.</p> <p><input checked="" type="checkbox"/> Attach this card to the back of the mailpiece, or on the front if space permits.</p> <p>1. Article Addressed to:</p> <p>Paduca Partners 6400 S. Fiddler's Green Cir., #2100 Englewood CO 80111</p>		<p>A. Signature <b>X</b> <i>[Signature]</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <i>[Signature]</i> C. Date of Delivery <b>11/3/17</b></p> <p>D. Is delivery address different from item 1? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If YES, enter delivery address below:</p>	
<p>2. Article Number (Transfer from service label)</p> <p>9590 9402 1840 6104 1562 11 Basic - Jordan SWD</p> <p>7014 2870 0001 8951 4197</p>		<p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express®</p> <p><input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™</p> <p><input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery</p> <p><input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Return Receipt for Merchandise</p> <p><input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation™</p> <p><input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p>	
PS Form 3811, July 2015 PSN 7530-02-000-9053		Domestic Return Receipt	

## McMillan, Michael, EMNRD

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**From:** Brian Wood <brian@permitswest.com>  
**Sent:** Wednesday, January 25, 2017 3:59 PM  
**To:** McMillan, Michael, EMNRD  
**Subject:** Re: Basic Energy's Jordan SWD 1 green cards

Chevron, Devon, & Legacy are shown by BLM as being lessees of record for this tract.  
BLM records did not distinguish by zone.

> On Jan 25, 2017, at 3:55 PM, McMillan, Michael, EMNRD <Michael.McMillan@state.nm.us> wrote:

>  
> Which entity is the lessee in the Devonian in the NE/4 NW/4 of Section 9?  
> Mike

>  
> -----Original Message-----

> From: Brian Wood [mailto:brian@permitswest.com]  
> Sent: Wednesday, January 25, 2017 3:41 PM  
> To: McMillan, Michael, EMNRD <Michael.McMillan@state.nm.us>  
> Subject: Re: Basic Energy's Jordan SWD 1 green cards

>  
> I did not since it is a Bone Spring well.  
> BLM records did not show them as lessee of record or having operating rights.  
> I did notify that lease's lessees and operating rights holders.  
> Would you like me to notify Cimarex?

>  
> Basic reviewed the proposed Simpson Montoya restriction and will accept the 16840 - 18395 limit.  
>> On Jan 25, 2017, at 1:34 PM, McMillan, Michael, EMNRD <Michael.McMillan@state.nm.us> wrote:  
>>

>> Did you notify Cimarex, they have a horizontal well in the E/2 W/2 of Section 9?  
>> Mike  
>>

>> -----Original Message-----

>> From: McMillan, Michael, EMNRD  
>> Sent: Wednesday, January 25, 2017 12:59 PM  
>> To: 'Brian Wood' <brian@permitswest.com>  
>> Cc: Jones, William V, EMNRD <WilliamV.Jones@state.nm.us>; Goetze, Phillip, EMNRD <Phillip.Goetze@state.nm.us>;  
Lowe, Leonard, EMNRD <Leonard.Lowe@state.nm.us>  
>> Subject: RE: Basic Energy's Jordan SWD 1 green cards

>>  
>> Brian:  
>> The OCD will not allow injection into the Montoya and Simpson formations.  
>> Based on your application, I will recommend to the Director that the injection interval should be between 16840 feet-  
18395 feet Mike

>>  
>> -----Original Message-----

>> From: Brian Wood [mailto:brian@permitswest.com]  
>> Sent: Wednesday, January 25, 2017 10:58 AM  
>> To: McMillan, Michael, EMNRD <Michael.McMillan@state.nm.us>



C-108 Review Checklist: Received 12/13/2010 Add. Request: 12/23/2010 Reply Date: 1/25/2011 Suspended: \_\_\_\_\_ [Ver 15]

ORDER TYPE: WFX / PMX / SWD Number: 1665 Order Date: \_\_\_\_\_ Legacy Permits/Orders: \_\_\_\_\_

Well No. 1 Well Name(s): Jordan

API: 30-0 25-pending Spud Date: T13D New or Old: N (UIC Class II Primacy 03/07/1982)

Footages 1100 FEL Lot \_\_\_\_\_ or Unit I Sec 4 Tsp 2SS Rge 32E County \_\_\_\_\_

General Location: 230 miles W/JAL Pool: SLD, DEV-SIL Pool No.: 97869

BLM 100K Map: JAL Operator: ENERGY SERVICES, 20 GRID: 246368 Contact: Brian Wood, agent

COMPLIANCE RULE 5.9: Total Wells: 13 Inactive 0 Fincl Assur: N Compl. Order? NA IS 5.9 OK? \_\_\_\_\_ Date: \_\_\_\_\_

WELL FILE REVIEWED ☐ Current Status: Proposed

WELL DIAGRAMS: NEW: Proposed ☒ or RE-ENTER: Before Conv. ☐ After Conv. ☐ Logs in Imaging: NA

Planned Rehab Work to Well: \_\_\_\_\_

Well Construction Details		Sizes (in) Borehole / Pipe	Setting Depths (ft)	Cement Size or Cf	Cement Top and Determination Method
Planned ___ or Existing ___ Surface		<u>17 1/2 / 13 3/4</u>	<u>875'</u>	<u>955</u>	<u>SURFACE / VISUAL</u>
Planned ___ or Existing ___ Interm/Prod		<u>12 1/4 / 9 5/8</u>	<u>11830</u>	<u>3945</u>	<u>SURFACE / VISUAL</u>
Planned ___ or Existing ___ Interm/Prod		<u>8 1/2 / 7</u>	<u>16840</u>	<u>1300</u>	<u>SURFACE / VISUAL</u>
Planned ___ or Existing ___ Prod/Liner					
Planned ___ or Existing ___ Liner					
Planned ___ or Existing ___ OH / PERF		<u>16840 / 19550</u>		<u>1555'</u>	

Injection Lithostratigraphic Units:	Depths (ft)	Injection or Confining Units	Tops	Completion/Operation Details:
Adjacent Unit: Litho. Struc. Por.		<u>Wk</u>	<u>16740</u>	Drilled TD <u>19550</u> PBTD _____
Confining Unit: Litho. Struc. Por.		<u>MT</u>	<u>18795</u>	NEW TD _____ NEW PBTD _____
Proposed Inj Interval TOP:				NEW Open Hole <input checked="" type="radio"/> or NEW Perfs <input type="radio"/>
Proposed Inj Interval BOTTOM:				Tubing Size <u>32</u> in. Inter Coated? <input checked="" type="checkbox"/>
Confining Unit: Litho. Struc. Por.				Proposed Packer Depth <u>16740</u>
Adjacent Unit: Litho. Struc. Por.				Min. Packer Depth <u>16740</u> (100-ft limit)
				Proposed Max. Surface Press. <u>3368</u> psi
				Admin. Inj. Press. <u>3360</u> (0.2 psi per ft)

**AOR: Hydrologic and Geologic Information**

POTASH: R-111-P NA Noticed? \_\_\_\_\_ BLM Sec Ord ☐ WIPP ☐ Noticed? \_\_\_\_\_ Salt/Salado T: 40 B: 450 NW: Cliff House fm \_\_\_\_\_

FRESH WATER: Aquifer NA Max Depth \_\_\_\_\_ HYDRO AFFIRM STATEMENT By Qualified Person ☒

NMOSE Basin: CARLSBAD CAPITAN REEF: thru adj NA No. Wells within 1-Mile Radius? 0 FW Analysis NA

Disposal Fluid: Formation Source(s) Bone Springs Analysis? \_\_\_\_\_ On Lease ☐ Operator Only ☐ or Commercial ☐

Disposal Int: Inject Rate (Avg/Max BWPD): 10K/21K Protectable Waters? \_\_\_\_\_ Source: \_\_\_\_\_ System: Closed ☐ or Open ☒

HC Potential: Producing Interval? NA Formerly Producing? \_\_\_\_\_ Method: Logs/DST/P&A/Other regional 2-Mile Radius Pool Map ☒

AOR Wells: 1/2-M Radius Map? ☒ Well List? NA Total No. Wells Penetrating Interval: 0 Horizontals? 1

Penetrating Wells: No. Active Wells 0 Num Repairs? \_\_\_\_\_ on which well(s)? \_\_\_\_\_ Diagrams? \_\_\_\_\_

Penetrating Wells: No. P&A Wells 0 Num Repairs? \_\_\_\_\_ on which well(s)? \_\_\_\_\_ Diagrams? \_\_\_\_\_

NOTICE: Newspaper Date Nov 13 2010 Mineral Owner BLM Surface Owner BLM N. Date 12-15-2010

RULE 26.7(A): Identified Tracts? Y Affected Persons: Chevron, Legato, Oxy, XTO N. Date 1-3-2011

Order Conditions: Issues: \_\_\_\_\_

Add Order Cond: \_\_\_\_\_

\*\* Limit injection to the Dev & Fusselman 16890-17845