

| | | | |
|--------------------------------|-----------|---------------------|------------------------------------|
| RECEIVED: <u>12/31/2018</u> | REVIEWER: | TYPE: <u>SWD</u> | APP NO: <u>PRMAMIF 00237277</u> |
|--------------------------------|-----------|---------------------|------------------------------------|

ABOVE THE TABLE FOR OCD DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Geological & 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

Applicant: Judah Oil, LLC **OGRID Number:** 245872
Well Name: Shinnery Oak SWD #3 **API:** 30-015-pending 45535
Pool: SWD; Devonian - Silurian **Pool Code:** 97869

SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED BELOW

- 1) **TYPE OF APPLICATION:** Check those which apply for [A]
 A. Location - Spacing Unit - Simultaneous Dedication
 NSL NSP (PROJECT AREA) NSP (PRORATION UNIT) SD

- B. Check one only for [I] or [II]
 [I] Commingling - Storage - Measurement
 DHC CTB PLC PC OLS OLM
 [II] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
 WFX PMX SWD IPI EOR PPR

- 2) **NOTIFICATION REQUIRED TO:** Check those which apply.
 A. Offset operators or lease holders
 B. Royalty, overriding royalty owners, revenue owners
 C. Application requires published notice
 D. Notification and/or concurrent approval by SLO
 E. Notification and/or concurrent approval by BLM
 F. Surface owner
 G. For all of the above, proof of notification or publication is attached, and/or,
 H. No notice required

| FOR OCD ONLY | |
|--------------------------|------------------------------|
| <input type="checkbox"/> | Notice Complete |
| <input type="checkbox"/> | Application Content Complete |

3) **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.

James B. Campanella
 Print or Type Name

Signature

10-29-2018
 Date

575-748-5488
 Phone Number

jbc@judahoil.com
 e-mail Address

Judah Oil, LLC
c/o Holcomb Consultants
6900 Spring Cherry Lane
Amarillo, TX 79124

December 27, 2018

State of New Mexico
NMOCD Engineering Bureau
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Per the rules and regulations of the New Mexico Oil Conservation Division, please find enclosed a copy of NMOCD form C108.

Judah Oil, LLC, PO Box 568, Artesia, NM 88211 has filed form C-108 (Application for Authorization to Inject) with the New Mexico Oil Conservation Division seeking administrative approval to drill a new commercial salt water disposal well named Shinnery Oak SWD #3, API 30-015-pending, located at 3312' FSL x 1014' FWL, Lot "13", Section 2, T21S, R28E, Eddy County, New Mexico. The proposed disposal interval would be the Devonian-Silurian formations through open-hole completion between 13400' – 14420' (or 100' into the top of the Montoya formation). Disposal fluid would be produced water from producing oil and gas wells in the area. Anticipated average disposal volume is 20,000 BWPD with a maximum anticipated volume of 25,000 BWPD. Anticipated average disposal pressure is 1600 psi with a maximum disposal pressure of 2680 psi. The well would be located approximately 6 miles northeast of Carlsbad, New Mexico.

All interested parties opposing the aforementioned must file objections with the New Mexico Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505 within 15 days. Additional information can be obtained by contacting Danny Holcomb at 806-471-5628.

Sincerely,



Danny J. Holcomb
Agent for Judah Oil, LLC
Email: danny@pwllc.net

Attachments

APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: _____ Secondary Recovery _____ Pressure Maintenance Disposal _____ Storage
Application qualifies for administrative approval? Yes _____ No
- II. OPERATOR: Judah Oil, LLC OGRID 245872
ADDRESS: P.O. Box 568, Artesia, New Mexico 88211
CONTACT PARTY: James B. Campanella PHONE: 575-748-5488
- 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 _____ No
If yes, give the Division order number authorizing the project: SWD-1533 (30-015-20866) and a proposed SWD order on (30-015-20309)
- 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:
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: Danny J. Holcomb TITLE: Agent for Judah Oil, LLC
SIGNATURE:  DATE: 12-10-2018
E-MAIL ADDRESS: danny@pwllc.net
- * 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: _____

**Judah Oil, LLC
Shinnery Oak SWD #3
API # 30-015-pending
3312' FSL x 1014' FWL
Lot '13', Section 2, T21S, R28E
Eddy County, New Mexico
C-108 Application for Authorization to Inject**

I.

The purpose of this application is seeking administrative approval for injection authorization in proposed new well to serve as a commercial salt water disposal well. The proposed well name is the Shinnery Oak SWD #3. The injection interval would be in the Devonian - Silurian formations through open-hole completion between 13400' – 14420' (or 100' into the top of the Montoya formation based on logs).

II.

Operator: Judah Oil, LLC
Address: P.O. Box 568, Artesia, New Mexico 88211
Contact Party: James Campanella 575-748-5488 email: jbc@judahoil.com

III.

Well Name: Shinnery Oak SWD #3
API Number: 30-015-pending
Location: Lot '13', Section 2, T21S, R28E, Eddy County, New Mexico
Operator: Judah Oil, LLC OGRID: 245872
Proposed Formation: SWD; Devonian - Silurian (Pool Code: 97869)
Please see Exhibit "A" for additional well data.

IV.

This is an expansion of an existing project. If approved, the Shinnery Oak SWD #3 will become part of the project approved in AO SWD-1533 for the Pronghorn Fed SWD #1 (30-015-20866) and in another pending SWD application for Shinnery Oak Fed #2 (30-015-20309). The #1 and #2 wells would be served by the existing water station serving the #1 well. The #3 well would have its own water unloading station.

V.

Please see Exhibit "B" for lease map.

VI.

There are seven offset wells located within the 0.5 mile Area of Review. There are seven additional offset wells located within the 0.5 - 1 mile AOR. None of the 14 offset wells penetrate the proposed disposal interval. There is currently only one SWD well (Delaware formation) within 2 miles of the proposed well. See AOR map and a list of offset wells in Exhibit "C".

Judah Oil, LLC
Shinnery Oak SWD #3
API # 30-015-pending
3312' FSL x 1014' FWL
Lot '13', Section 2, T21S, R28E
Eddy County, New Mexico
C-108 Application for Authorization to Inject

VII.

1. Anticipated disposal volume – 20,000 BWPD with a maximum of 25,000 BWPD.
2. System will be closed. The proposed well will receive water via pipeline from a new water unloading station to be built adjoining the well.
3. Anticipated disposal pressure: Average 1600 psig, Maximum 2728 psig.
4. Disposed fluid will be trucked in and pipelined in from other water stations in the area.
Please see Exhibit "D" for fluid analysis from area wells.
5. Please see Exhibit "D" for disposal zone fluid analysis.

VIII.

| Formation | Anticipated Depth (ft) | Lithology |
|-------------------------|------------------------|-----------------------------------------|
| T. Rustler | 256 | Unconsolidated gravel, sand, red beds |
| T. Salt | 650 | Salt, anhydrite |
| B. Salt | 1280 | Salt, anhydrite |
| T. Yates | 1280 | Anhydrite, salt |
| T. Castile-Capitan Reef | 1390 | Anhydrite, salt |
| T. Delaware (Bell Cyn) | 3110 | Sandstone, shale |
| T. Bone Spring | 6270 | Limestone, shale, sandstone |
| T. Wolfcamp | 9668 | Shale, limestone, sandstone |
| T. Penn | 10502 | Shale, limestone, sandstone |
| T. Strawn | 10818 | Limestone, sandstone |
| T. Morrow | 11648 | Shale, limestone, sandstone |
| T. Mississippian | 12320 | Limestone |
| T. Woodford | 13252 | Shale |
| T. Devonian | 13360 | Cherty fractured limestone and dolomite |
| T. Fusselman | 13640 | Cherty fractured limestone and dolomite |
| T. Montoya | 14320 | Cherty fractured limestone and dolomite |
| Proposed disposal zone | 13400 – 14420 | Cherty fractured limestone and dolomite |

The proposed well is not located within the R-111-P Potash District. The closest underground source of drinking water above the proposed disposal zone is in the Rustler formation. The top of the Salado formation is reported at a depth of 650'. It is anticipated that the Capitan Reef/fore-reef formation will be encountered about 1390'. Both the Rustler and Capitan Reef formations will be cased off (2 strings) with circulated cement. No underground source of drinking water is known to exist below the proposed disposal zone. See Exhibit "F" for a map of the Capitan Reef in this area.

Judah Oil, LLC
Shinnery Oak SWD #3
API # 30-015-pending
3312' FSL x 1014' FWL
Lot '13', Section 2, T21S, R28E
Eddy County, New Mexico
C-108 Application for Authorization to Inject

IX.

Proposed Completion Procedure: After setting 7-5/8" liner shoe at 13400' and cementing, run 6-1/2" bit, drill out 7-5/8" shoe track and deepen well to TD at 14420' (or 100' into the top of the Montoya formation). Attempt to swab any available insitu formation water and obtain sample. If results are favorable, perform a pump-in test to establish initial injection rate. If pump-in test results are favorable, no initial stimulation is planned. If pump-in test results are unfavorable, an acid job will be pumped. A 5-1/2" Duo-lined injection tubing string and Inconel plated packer will be run. Packer will be set a maximum of 100' above the injection interval.

X.

Copies of logs and mud logs performed will be submitted after completion.

XI.

NM OSE records and a field inspection indicate that are no fresh water wells located within the 1 mile Area of Review. See Exhibit "E" for OSE data base query.

XII.

Available geological and engineering data have been examined and no evidence of open faults or hydrological connection between the proposed disposal zone and any underground sources of drinking water has been found. See Exhibit "F" for a map of known faults in this area.

XIII.

Please see Exhibit "G" for Proof of Notice. Included is a map of the Area of Review, list of noticees and certified mail electronic signature receipts for noticees. The original affidavit of publication from the Artesia Daily Press for the required public notice is attached under separate cover.

Danny J. Holcomb



Agent for Judah Oil, LLC

Date: 12-10-2018

Judah Oil, LLC
Shinnery Oak SWD #3
API # 30-015-pending
3312' FNL x 1014' FWL
Lot '13', Section 2, T21S, R28E
Eddy County, New Mexico
Well Data

Propose to drill a salt water disposal well in the Devonian – Silurian formations.

Drill 26" hole to 280', run 20" 94# J-55 surface casing to 280' (min 25' into the Rustler Anhydrite), cement with 500 sacks cement. Circulate cement to surface.

Drill 17-1/2" hole to 3300', run 13-3/8" 61/68# J-55 intermediate casing to 3300', cement with 2400 sacks cement. Circulate cement to surface.

Drill 12-1/4" hole to 9720', run 9-5/8" 43.5/47# HCL-80 production casing to 9720' with DV tool at 5700', cement in 2 stages with 2100 sacks cement. Circulate cement to surface.

Drill 9-1/2" hole to 13400' (or 40' into top of Devonian), run 7-5/8" 39# Q-125 TFJ liner from 9420'– 13280' and 7-5/8" 39# CR13-85 Chrome TFJ liner from 13280' – 13400', cement with 525 sacks cement (30% excess). TOC at ~9420' (@ TOL).

Drill 6-1/2" open-hole to approximately 14420' TD (or 100' into the top of the Montoya), circulate hole clean, log.

Run 5-1/2" 20# HCP-110 Duo-lined injection tubing w/ Buttress threads from 0' – 9100' and 5-1/2" 20# HCP-110 ULTFS (True Flush Joint) Duo-lined injection tubing from 9100' – 13360', set Inconel packer at 13360'.

No initial stimulation planned. Perform pump in test to evaluation formation for disposal.

| Formation Tops | Anticipated Depths (ft) |
|-------------------------------|--------------------------------|
| Rustler | 256 |
| Salado | 650 |
| Capitan Reef | 1390 |
| Bell Canyon | 3110 |
| Bone Spring | 6270 |
| Wolfcamp | 9668 |
| Strawn | 10818 |
| Morrow | 11648 |
| Mississippian | 12320 |
| Woodford | 13252 |
| Devonian | 13360 |
| Fusselman | 13645 |
| Montoya | 14320 |
| Ellenburger | 15400 |
| Proposed Disposal Zone | 13400 – 14420 |

EXHIBIT "A"

Judah Oil, LLC

Shinnery Oak SWD #3

API #30-015-Pending

Lot 13, Section 2, T-21-S, R-28-E Eddy County, New Mexico

Proposed New Drill

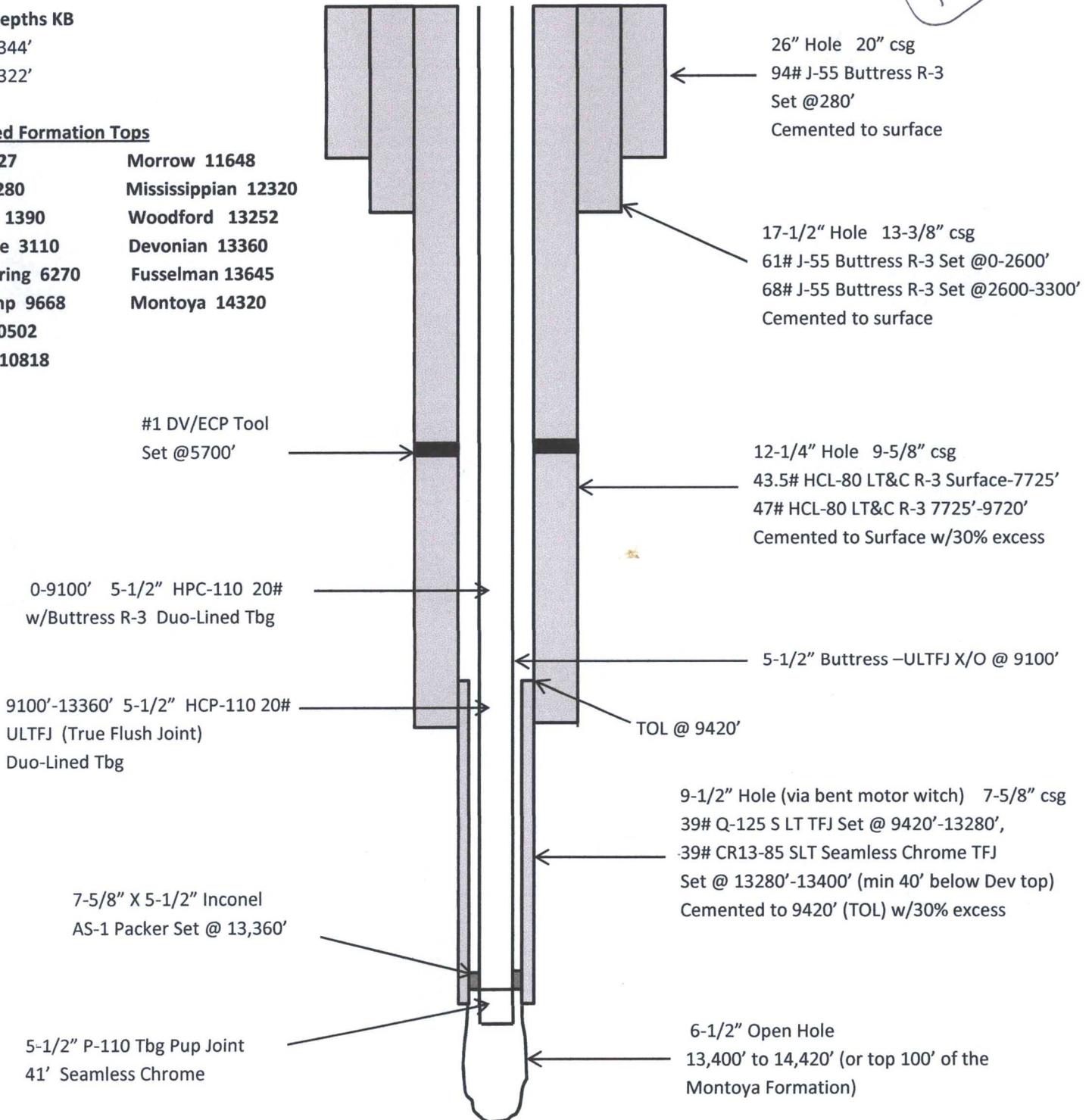
*See revised
w/BD that
protects APiten*

EXHIBIT "A"

All Depths KB
KB 3344'
GL 3322'

Estimated Formation Tops

| | |
|------------------|---------------------|
| Anhy 627 | Morrow 11648 |
| Yates 1280 | Mississippian 12320 |
| 7 Rivers 1390 | Woodford 13252 |
| Delaware 3110 | Devonian 13360 |
| Bone Spring 6270 | Fusselman 13645 |
| Wolfcamp 9668 | Montoya 14320 |
| Penn 10502 | |
| Strawn 10818 | |



#1 DV/ECP Tool
Set @5700'

0-9100' 5-1/2" HPC-110 20#
w/Buttress R-3 Duo-Lined Tbg

9100'-13360' 5-1/2" HPC-110 20#
ULTFJ (True Flush Joint)
Duo-Lined Tbg

7-5/8" X 5-1/2" Inconel
AS-1 Packer Set @ 13,360'

5-1/2" P-110 Tbg Pup Joint
41' Seamless Chrome

26" Hole 20" csg
94# J-55 Buttress R-3
Set @280'
Cemented to surface

17-1/2" Hole 13-3/8" csg
61# J-55 Buttress R-3 Set @0-2600'
68# J-55 Buttress R-3 Set @2600-3300'
Cemented to surface

12-1/4" Hole 9-5/8" csg
43.5# HCL-80 LT&C R-3 Surface-7725'
47# HCL-80 LT&C R-3 7725'-9720'
Cemented to Surface w/30% excess

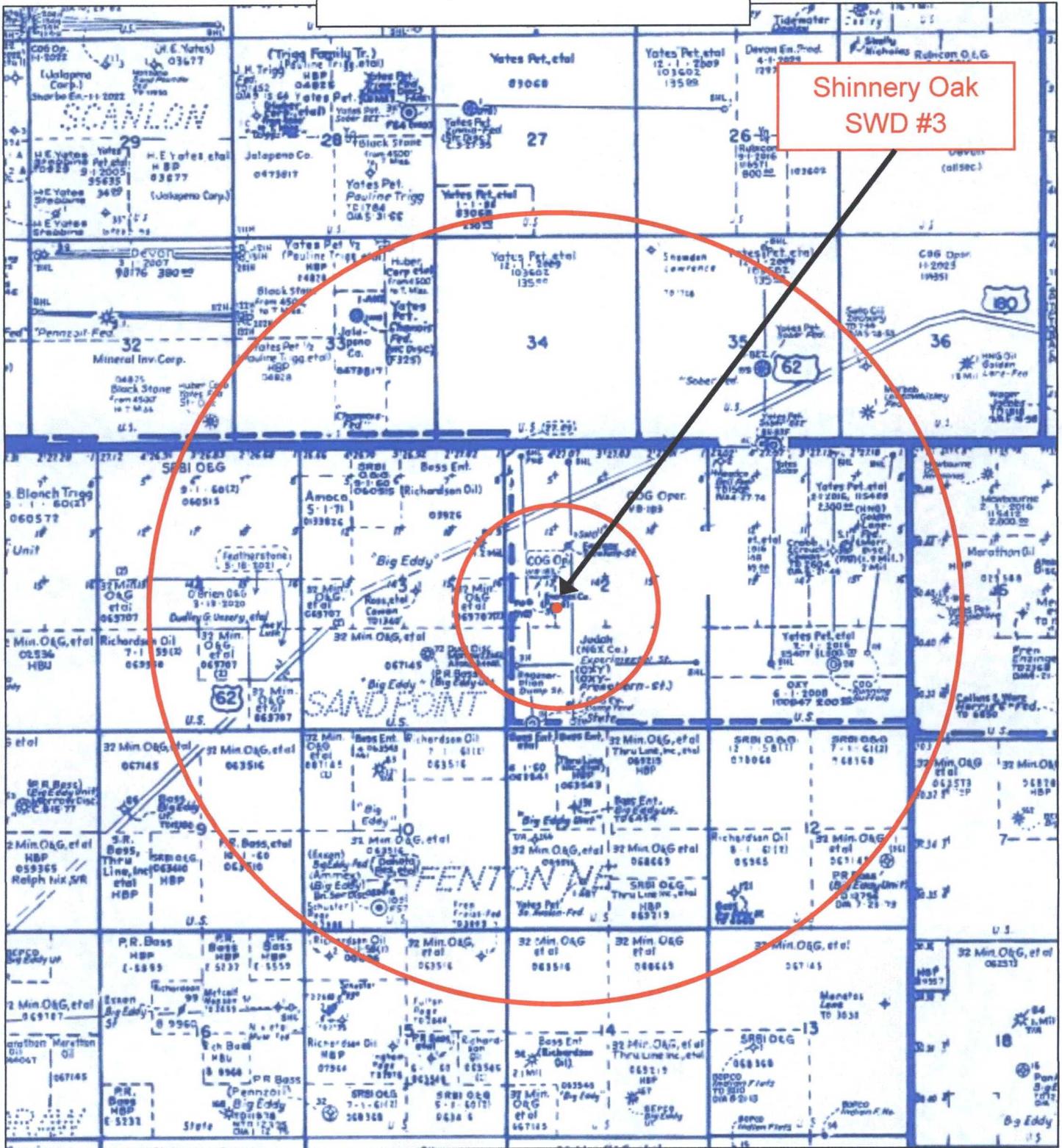
5-1/2" Buttress -ULTFJ X/O @ 9100'

TOL @ 9420'

9-1/2" Hole (via bent motor witch) 7-5/8" csg
39# Q-125 S LT TFI Set @ 9420'-13280',
39# CR13-85 SLT Seamless Chrome TFI
Set @ 13280'-13400' (min 40' below Dev top)
Cemented to 9420' (TOL) w/30% excess

6-1/2" Open Hole
13,400' to 14,420' (or top 100' of the
Montoya Formation)

Judah Oil, LLC
 Shinnery Oak SWD #3
 API # 30-015-pending
 3312' FSL X 1014' FWL
 Lot '13', Sec 2, T21S, R28E
 Eddy County, New Mexico
 Lease Map - 0.5 Mile and 2 Mile AOR



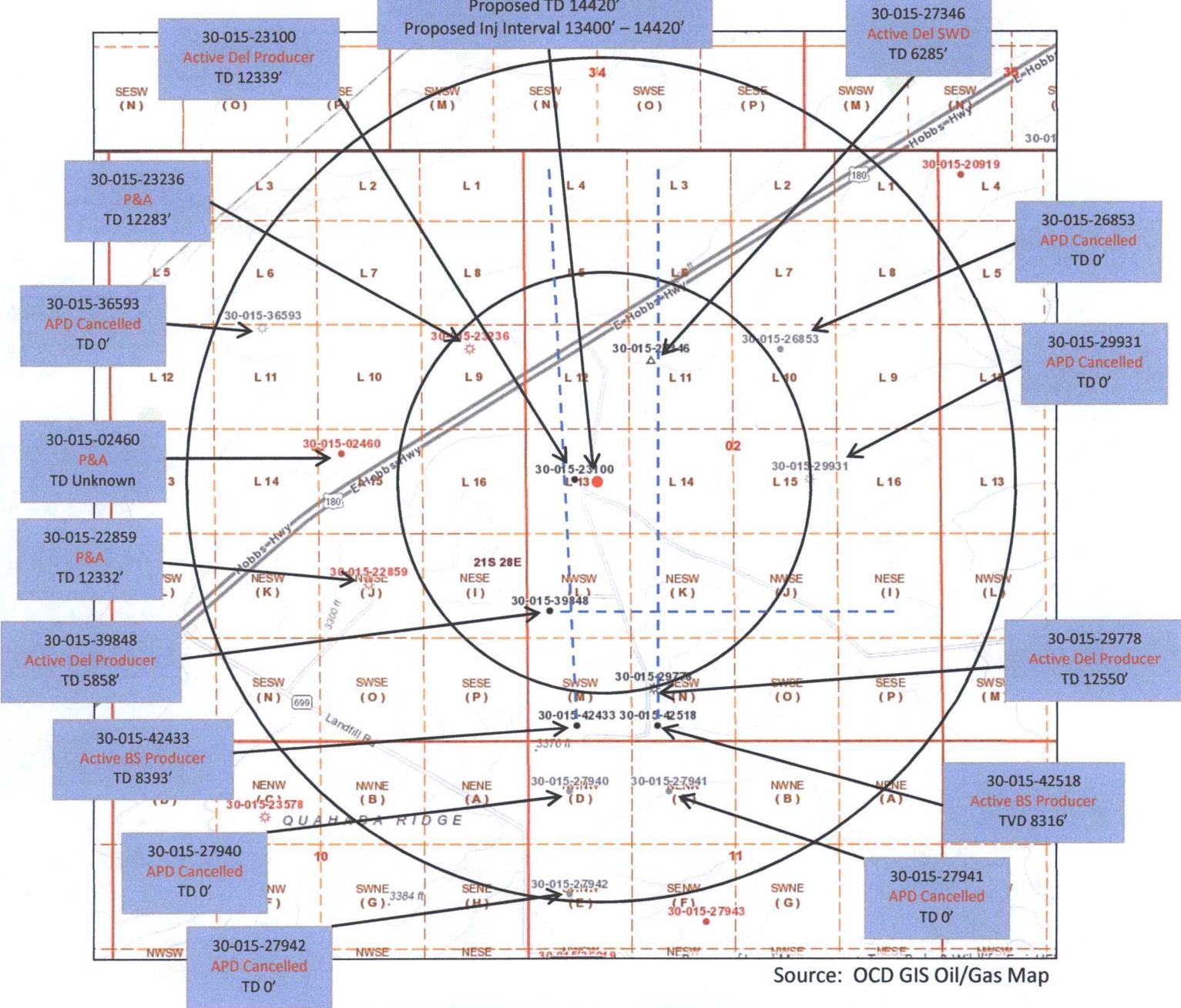
Shinnery Oak
 SWD #3

EXHIBIT "B"

Source – Midland Map Co.

Judah Oil, LLC
Shinnery Oak SWD #3
 API 30-015-pending
 3312' FSL x 1014' FWL, Lot '13', Sec 2, T21S, R28E
 0.5 and 1 Mile AORs

30-015-pending
Proposed SWD (Devonian-Silurian)
 Proposed TD 14420'
 Proposed Inj Interval 13400' – 14420'



There are no offset wells within the 0.5 mile or 1 mile
 AORs that penetrate the proposed injection interval.

EXHIBIT "C"

**Judah Oil, LLC
Shinnery Oak SWD #3
API # 30-015-pending
Offset Wells within 0.5 Mile and 1 Mile AORs**

0.5 Mile AOR

There are five offset wells located within the 0.5 mile AOR.
These offset wells do not penetrate the proposed disposal zone.

| UL, Sec, T, R | API Well No. | Well Name | TVD | Status |
|---------------|--------------|------------------------|--------|------------------------------------|
| L11-2-21S-28E | 30-015-27346 | Sand Point State #1 | 6285' | Active SWD in Delaware formation |
| L13-2-21S-28E | 30-015-23100 | State #1 | 12339' | Active Delaware producer |
| L15-2-21S-28E | 30-015-29931 | Oxy Pronghorn State #2 | 0' | APD cancelled – well never drilled |
| L-2-21S-28E | 30-015-39848 | Dump State #3H | 5858' | Active Delaware producer |
| N-2-21S-28E | 30-015-29778 | Experimental State #1 | 12550' | Active Delaware producer |
| L9-3-21S-28E | 30-015-23236 | Bid Eddy #80 | 12283' | P&A |

Additionally, there are two offset horizontal wells with surface hole locations outside the 0.5 mile AOR, but with horizontal laterals within the 0.5 mile AOR. These wells do not penetrate the proposed disposal zone.

| UL, Sec, T, R | API Well No. | Well Name | TVD | Status |
|---------------|--------------|-----------------------|-------|--------------------|
| M-2-21S-28E | 30-015-42433 | Dump Yard 2 State #1H | 8393' | Active BS producer |
| L13-2-21S-28E | 30-015-23100 | Dump Yard 2 State #2H | 8316' | Active BS producer |

1 Mile AOR

There are seven offset wells located outside the 0.5 mile AOR, but located within the 1 mile AOR.
These offset wells do not penetrate the proposed disposal zone.

| UL, Sec, T, R | API Well No. | Well Name | TVD | Status |
|---------------|--------------|-----------------------|---------|------------------------------------------|
| L10-2-21S-28E | 30-015-26853 | Desert Storm State #1 | 0' | APD cancelled – well never drilled |
| L11-3-21S-28E | 30-015-36593 | Big Eddy Unit #193F | 0' | APD cancelled – well never drilled |
| L15-3-21S-28E | 30-015-02460 | Unknown (Pre-Ongard) | Unknown | P&A – No records in OCD online well file |
| J-3-21S-28E | 30-015-22859 | Big Eddy Unit #72 | 12332' | P&A |
| C-11-21S-28E | 30-015-27941 | Big Eddy Unit #129 | 0' | APD cancelled – well never drilled |
| D-11-21S-28E | 30-015-27940 | Big Eddy Unit #128 | 0' | APD cancelled – well never drilled |
| E-11-21S-28E | 30-015-02471 | Big Eddy Unit #130 | 0' | APD cancelled – well never drilled |

None of the offset wells listed above penetrate the proposed disposal zone (13400' – 14420').

EXHIBIT "C"

Judah Oil, LLC
Shinnery Oak SWD #3
API # 30-015-pending
Lot '13', Section 2, T21S, R28E
Eddy County, New Mexico

| <u>API Number</u> | <u>Injection Formation Water</u> | | <u>Chlorides</u> |
|-------------------|----------------------------------|------------|------------------|
| | <u>Formation</u> | <u>TDS</u> | |
| 30-015-02416 | Devonian | 39,605 | 22,620 |

| <u>API Number</u> | <u>Possible Disposal Fluid</u> | | <u>Chlorides</u> |
|-------------------|--------------------------------|------------|------------------|
| | <u>Formation</u> | <u>TDS</u> | |
| 30-015-03642 | Artesia | 28,684 | 17,030 |
| 30-015-21715 | Delaware | 149,252 | 99,299 |
| 30-015-24707 | Delaware | 153,408 | 103,522 |
| 30-015-27288 | Bone Spring | 6038 | 3352 |
| 30-015-26697 | Strawn | 90,201 | 55,380 |
| 30-015-27939 | Del/Wolfcamp | 189,739 | 116,724 |
| 30-015-10044 | Morrow | 31,191 | 18,540 |
| 30-015-02475 | Atoka | 50,026 | 29,200 |
| 30-015-02475 | Devonian | 19,941 | 10,700 |

Data obtained from GO-Tech NMWAIDS data base.

EXHIBIT "D"



New Mexico Office of the State Engineer
Water Column/Average Depth to Water

No records found.

PLSS Search:

Section(s): 1, 2, 3, 10, 11 **Township:** 21S **Range:** 28E

OSE records indicated there are no fresh water wells located within the 1 mile AOR.

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.

10/9/18 4:11 PM

EXHIBIT "E"

WATER COLUMN/ AVERAGE
DEPTH TO WATER



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

No records found.

PLSS Search:

Section(s): 33, 34, 35

Township: 20S

Range: 29E

OSE records indicated there are no fresh water wells located within the 1 mile AOR.

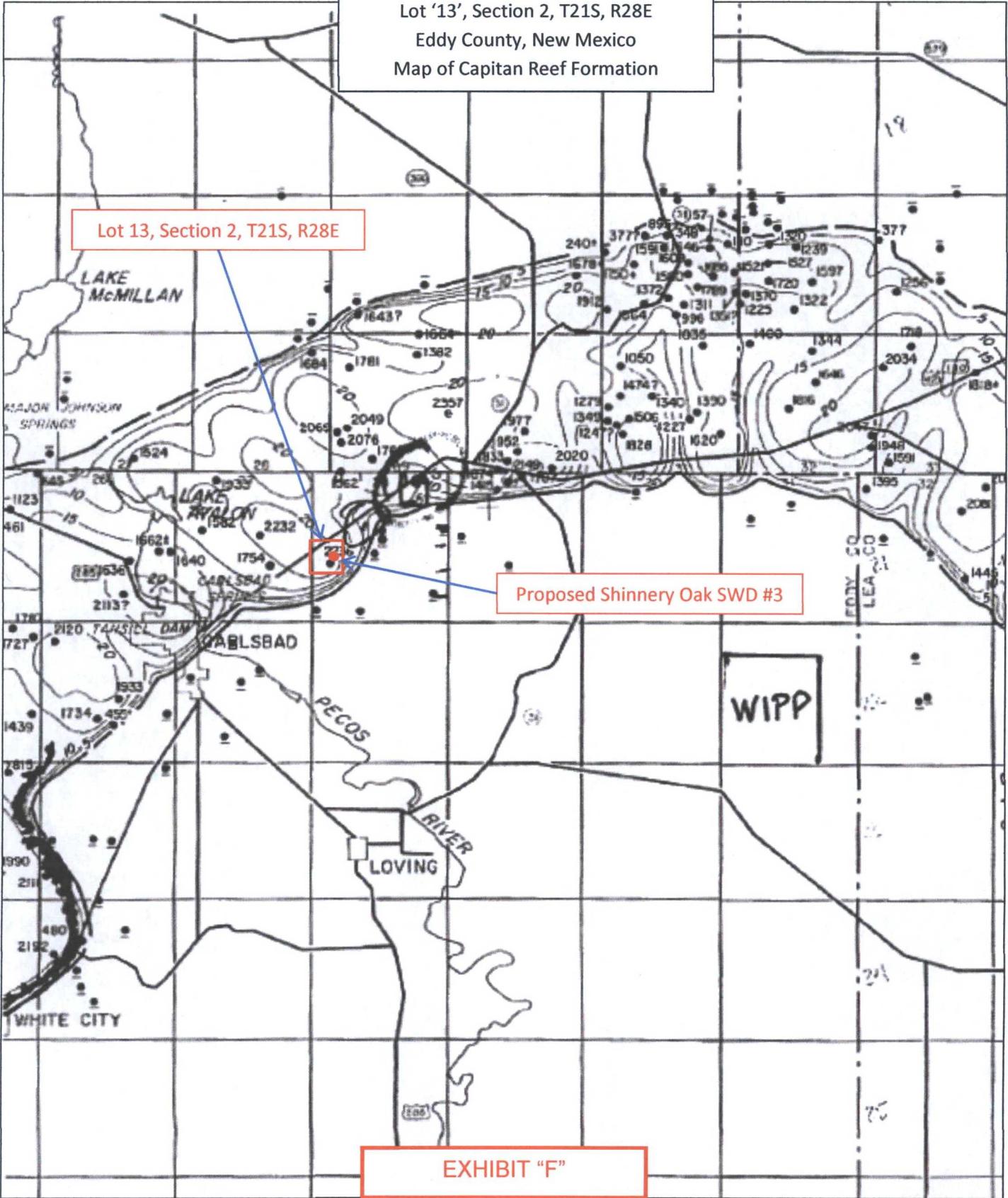
The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

10/9/18 4:14 PM

EXHIBIT "E"

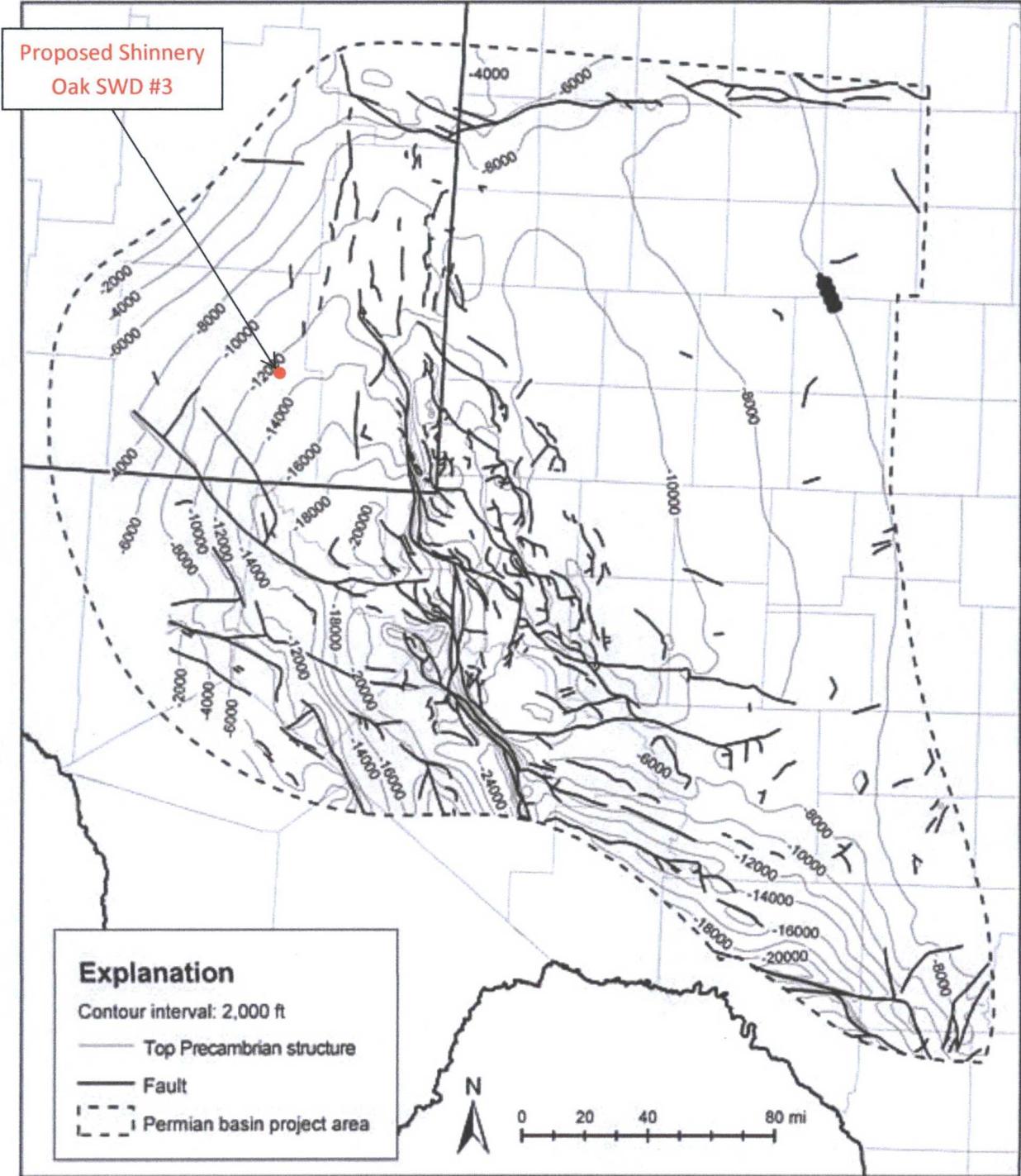
WATER COLUMN/ AVERAGE
DEPTH TO WATER

Judah Oil, LLC
Shinnery Oak SWD #3
API # 30-015-pending
Lot '13', Section 2, T21S, R28E
Eddy County, New Mexico
Map of Capitan Reef Formation



Map Source: OCD Files (SWD-1451)

Judah Oil, LLC
Shinnery Oak SWD #3
API # 30-015-pending
Lot '13', Section 2, T21S, R28E
Eddy County, New Mexico
Geologic Fault Map



Map Source: University of Texas

EXHIBIT "F"

Affidavit of Publication

No. 24939

State of New Mexico

County of Eddy:

Danny Scott

being duly sworn says that he is the **Publisher** of the Artesia Daily Press, a daily newspaper of General circulation, published in English at Artesia, said county and state, and that the hereto attached

Legal Ad

was published in a regular and entire issue of the said Artesia Daily Press, a daily newspaper duly qualified for that purpose within the meaning of Chapter 167 of the 1937 Session Laws of the state of New Mexico for 1 consecutive weeks/day on the same

day as follows:

First Publication December 11, 2018

Second Publication _____

Third Publication _____

Fourth Publication _____

Fifth Publication _____

Sixth Publication _____

Seventh Publication _____

Subscribed and sworn before me this

11th day of December 2018



OFFICIAL SEAL
Latisha Romine
NOTARY PUBLIC-STATE OF NEW MEXICO

My commission expires: 5/12/2019

Latisha Romine

Latisha Romine

Notary Public, Eddy County, New Mexico

Copy of Publication:

Legal Notice

Judah Oil, LLC, PO Box 568, Artesia, NM 88211 has filed form C-108 (Application for Authorization to Inject) with the New Mexico Oil Conservation Division seeking administrative approval to drill a new commercial salt water disposal well named Shinnery Oak SWD #3, API 30-015-pending, located at 3312' FSL x 1014' FWL, Lot "13", Section 2, T21S, R28E, Eddy County, New Mexico. The proposed disposal interval would be the Devonian-Silurian formations through open-hole completion between 13400' - 14420' (or 100' into the top of the Montoya formation). Disposal fluid would be produced water from producing oil and gas wells in the area. Anticipated average disposal volume is 20,000 BWPD with a maximum anticipated volume of 25,000 BWPD. Anticipated average disposal pressure is 1600 psi with a maximum disposal pressure of 2680 psi. The well would be located approximately 6 miles northeast of Carlsbad, New Mexico.

All interested parties opposing the aforementioned must file objections with the New Mexico Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505 within 15 days. Additional information can be obtained by contacting Danny Holcomb at 806-471-5628.

Published in the Artesia Daily Press, Artesia, N.M., Dec. 11, 2018 Legal No. 24939.

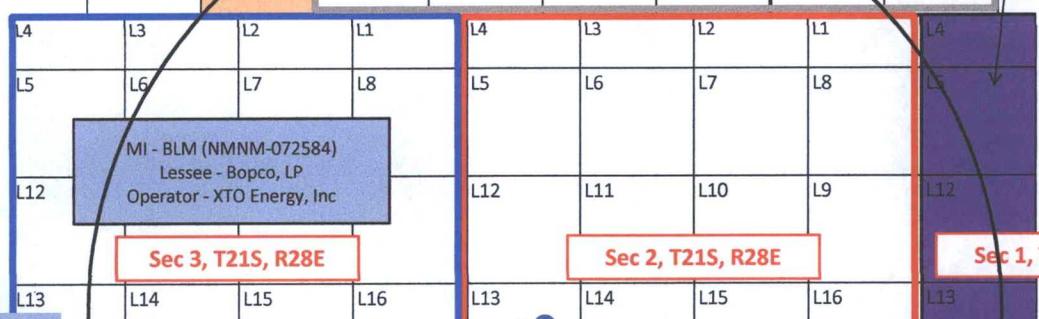
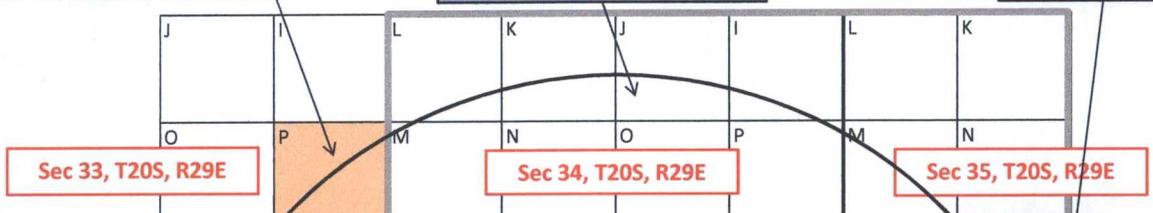
EXHIBIT "G"

Judah Oil, LLC
 Shinnery Oak SWD #3
 API # 30-015-pending
 1 Mile AOR for Notice

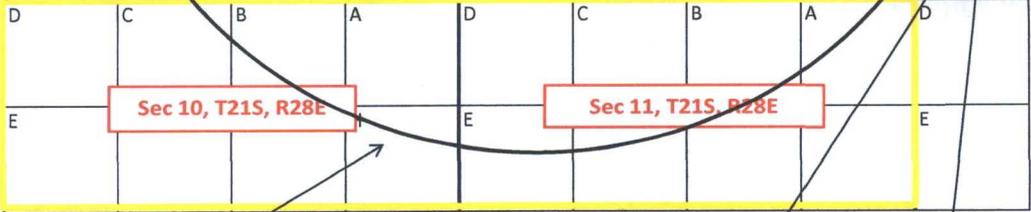
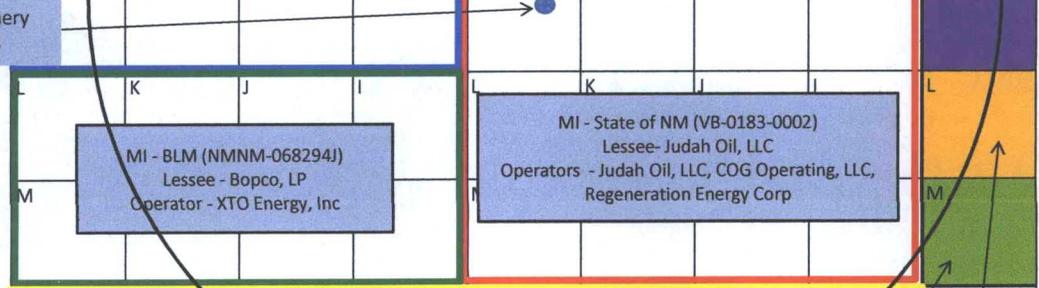
MI - BLM (NMNM-091049)
 Lessee - Trigg Oil & Gas, LP
 Operator - EOG Y Resources, Inc

MI - BLM (NMNM-103602)
 Lessee - EOG Y Resources, Inc
 Operator - EOG Y Resources, Inc

MI - BLM
 Lessee - Unleased
 Operator - None



Proposed Shinnery
 Oak SWD #3



MI - BLM (NMNM-068294J)
 Lessee - Bopco, LP
 Operator - XTO Energy, Inc

MI - State of NM (VB-0183-0002)
 Lessee- Judah Oil, LLC
 Operators - Judah Oil, LLC, COG Operating, LLC,
 Regeneration Energy Corp

MI - BLM (NMNM-068294X)
 Lessee - Various
 Operator - XTO Energy, Inc (Bopco, LP)

MI - BLM (NMNM-13056)
 Lessee - MRC Permian Co
 Operator - None

MI - BLM (NMNM-115407)
 Lessee - COG Operating, LLC
 Operator - COG Operating, LLC

This location 3312' FSL X 1018' FWL
 Surface Owner - Levi Oil & Gas, LLC, 611 W. Mahone Ave Suite D, Artesia, NM 88211
 Drawing not to scale

EXHIBIT "G"

Judah Oil, LLC
Shinnery Oak SWD #3
API #30-015-pending

EXHIBIT 'G' - NOTIFICATION LIST

Section 2, T21S, R28E, NMPM (Lot 13)

| # | NAME | ADDRESS | CITY STATE ZIP | TYPE |
|---|---------------------|----------------------------|------------------------|---------------|
| 1 | Levi Oil & Gas, LLC | 611 W. Mahone Ave, Suite D | Artesia, NM 88210-2075 | Surface Owner |

Section 33, T20S, R29E, NMPM (UL P)

| # | NAME | ADDRESS | CITY STATE ZIP | TYPE |
|---|-------------------------------------------------------------|----------------------|-------------------------|---------------|
| 2 | United States Dept of Interior Bureau of Land Management | 620 E. Greene Street | Carlsbad, NM 88220-6292 | Mineral Owner |
| 3 | EOG Y Resources, Inc | 105 Fourth Street | Artesia, NM 88210-2177 | Operator |
| | Trigg Oil & Gas, LP | P. O. Box 520 | Roswell, NM 88202-2323 | Lessee |

Section 34, T20S, R29E, NMPM (ULs I, J, K, L, M, N, O, P)

| # | NAME | ADDRESS | CITY STATE ZIP | TYPE |
|---|-------------------------------------------------------------|----------------------|-------------------------|---------------|
| 2 | United States Dept of Interior Bureau of Land Management | 620 E. Greene Street | Carlsbad, NM 88220-6292 | Mineral Owner |
| 3 | EOG Y Resources, Inc | 105 Fourth Street | Artesia, NM 88210-2177 | Operator |
| 3 | EOG Y Resources, Inc | 105 Fourth Street | Artesia, NM 88210-2177 | Lessee |

Section 35, T20S, R29E, NMPM (UL M)

| # | NAME | ADDRESS | CITY STATE ZIP | TYPE |
|---|-------------------------------------------------------------|----------------------|-------------------------|---------------|
| 2 | United States Dept of Interior Bureau of Land Management | 620 E. Greene Street | Carlsbad, NM 88220-6292 | Mineral Owner |
| 3 | EOG Y Resources, Inc | 105 Fourth Street | Artesia, NM 88210-2177 | Operator |
| 3 | EOG Y Resources, Inc | 105 Fourth Street | Artesia, NM 88210-2177 | Lessee |

Section 1, T21S, R28E, NMPM (Lots 4, 5, 12, 13)

| # | NAME | ADDRESS | CITY STATE ZIP | TYPE |
|---|-------------------------------------------------------------|----------------------|-------------------------|---------------|
| 2 | United States Dept of Interior Bureau of Land Management | 620 E. Greene Street | Carlsbad, NM 88220-6292 | Mineral Owner |
| | Unleased | | | Lessee |

Section 1, T21S, R28E, NMPM (UL L)

| # | NAME | ADDRESS | CITY STATE ZIP | TYPE |
|---|-------------------------------------------------------------|----------------------|-------------------------|---------------|
| 2 | United States Dept of Interior Bureau of Land Management | 620 E. Greene Street | Carlsbad, NM 88220-6292 | Mineral Owner |
| 4 | COG Operating, LLC | 2208 W. Main Street | Artesia, NM 88210 | Operator |
| 4 | COG Operating, LLC | 2208 W. Main Street | Artesia, NM 88210 | Lessee |

Section 1, T21S, R28E, NMPM (UL M)

| # | NAME | ADDRESS | CITY STATE ZIP | TYPE |
|---|-------------------------------------------------------------|--------------------------|-------------------------|---------------|
| 2 | United States Dept of Interior Bureau of Land Management | 620 E. Greene Street | Carlsbad, NM 88220-6292 | Mineral Owner |
| 5 | MRC Permian Company | 5400 LBJ Fwy, Suite 1500 | Dallas, TX 75240-1017 | Lessee |

EXHIBIT "G"

Judah Oil, LLC
Shinnery Oak SWD #3
API #30-015-pending

EXHIBIT 'G' - NOTIFICATION LIST

Section 2, T21S, R28E, NMPM (All ULs)

| # | NAME | ADDRESS | CITY STATE ZIP | TYPE |
|---|----------------------------------------------------|---------------------|------------------------|---------------|
| 6 | State of New Mexico Commissioner of Public Land | P. O. Box 1148 | Santa Fe, NM 87504 | Mineral Owner |
| | Judah Oil, LLC | P. O. Box 568 | Artesia, NM 88211 | Lessee/Oper |
| 4 | COG Operating, LLC | 2208 W. Main Street | Artesia, NM 88210 | Operator |
| 7 | Regeneration Energy Corporation | P. O. Box 210 | Artesia, NM 88211-0210 | Operator |

Section 3, T21S, R28E, NMPM (Lots 1-16)

| # | NAME | ADDRESS | CITY STATE ZIP | TYPE |
|---|-------------------------------------------------------------|------------------------|-------------------------|---------------|
| 2 | United States Dept of Interior Bureau of Land Management | 620 E. Greene Street | Carlsbad, NM 88220-6292 | Mineral Owner |
| 8 | XTO Energy, Inc | 6401 Holiday Hill Road | Midland, TX 79707 | Operator |
| 8 | XTO Energy, Inc | 3104 E. Greene Street | Carlsbad, NM 88220 | Operator |
| | BOPCO, LP | P. O. Box 2760 | Midland, TX 79702 | Lessee |

Section 3, T21S, R28E, NMPM (ULs I, J, K, N, O, P)

| # | NAME | ADDRESS | CITY STATE ZIP | TYPE |
|---|-------------------------------------------------------------|------------------------|-------------------------|---------------|
| 2 | United States Dept of Interior Bureau of Land Management | 620 E. Greene Street | Carlsbad, NM 88220-6292 | Mineral Owner |
| 8 | XTO Energy, Inc | 6401 Holiday Hill Road | Midland, TX 79707 | Operator |
| 8 | XTO Energy, Inc | 3104 E. Greene Street | Carlsbad, NM 88220 | Operator |
| | BOPCO, LP | P. O. Box 2760 | Midland, TX 79702 | Lessee |

Section 10, T21S, R28E, NMPM (ULs A, B, C, D, E, F, G, H, I)

| # | NAME | ADDRESS | CITY STATE ZIP | TYPE |
|---|-------------------------------------------------------------|------------------------|-------------------------|---------------|
| 2 | United States Dept of Interior Bureau of Land Management | 620 E. Greene Street | Carlsbad, NM 88220-6292 | Mineral Owner |
| 8 | XTO Energy, Inc | 6401 Holiday Hill Road | Midland, TX 79707 | Operator |
| 8 | XTO Energy, Inc | 3104 E. Greene Street | Carlsbad, NM 88220 | Operator |
| | Various | | | Lessee |

Section 11, T21S, R28E, NMPM (ULs A, B, C, D, E, F, G, H, I)

| # | NAME | ADDRESS | CITY STATE ZIP | TYPE |
|---|-------------------------------------------------------------|------------------------|-------------------------|---------------|
| 2 | United States Dept of Interior Bureau of Land Management | 620 E. Greene Street | Carlsbad, NM 88220-6292 | Mineral Owner |
| 8 | XTO Energy, Inc | 6401 Holiday Hill Road | Midland, TX 79707 | Operator |
| 8 | XTO Energy, Inc | 3104 E. Greene Street | Carlsbad, NM 88220 | Operator |
| | Various | | | Lessee |

NMOCD Notices

| # | NAME | ADDRESS | CITY STATE ZIP |
|----|--------------------------|------------------------------|------------------------|
| 10 | NMOCD Engineering Bureau | 1220 South St. Francis Drive | Santa Fe, NM 87505 |
| 9 | NMOCD District 2 Office | 811 S. First Street | Artesia, NM 88210-2834 |

Mailed 12/10/18
Mailed 12/17/18

EXHIBIT "G"



December 12, 2018

Dear Danny Holcomb:

The following is in response to your request for proof of delivery on your item with the tracking number: **7017 2680 0000 8751 2086**.

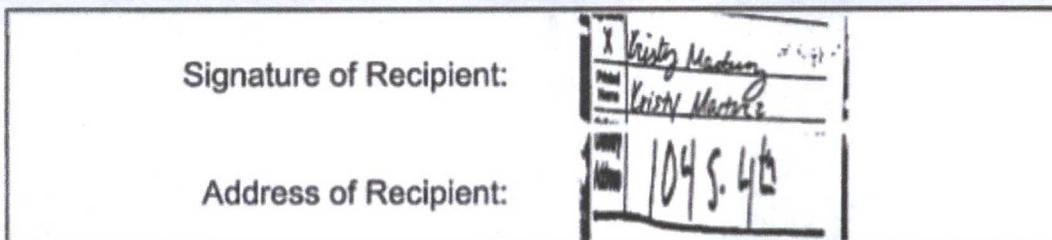
Item Details

Status: Delivered, Left with Individual
Status Date / Time: December 12, 2018, 8:03 am
Location: ARTESIA, NM 88210
Postal Product: First-Class Mail®
Extra Services: Certified Mail™
 Return Receipt Electronic

Shipment Details

Weight: 4.0oz

Recipient Signature



Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,
 United States Postal Service®
 475 L'Enfant Plaza SW
 Washington, D.C. 20260-0004

7017 2680 0000 8751 2086

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
 Domestic Mail Only

For delivery information, visit our website at www.usps.com®

ARTESIA, NM 88210

OFFICIAL USE

| | | |
|--------------------------------------------------------------|---------------|------|
| Certified Mail Fee | \$3.45 | 0206 |
| Extra Services & Fees (check box, add fee if applicable) | \$0.00 | 10 |
| <input type="checkbox"/> Return Receipt (hardcopy) | \$2.50 | |
| <input type="checkbox"/> Return Receipt (electronic) | \$0.00 | |
| <input type="checkbox"/> Certified Mail Restricted Delivery | \$0.00 | |
| <input type="checkbox"/> Adult Signature Required | \$0.00 | |
| <input type="checkbox"/> Adult Signature Restricted Delivery | \$0.00 | |
| Postage | \$1.63 | |
| Total Postage and Fees | \$6.58 | |

Sent To: **EOG Y Resources, Inc**
 Street and Apt. No.: **105 South Fourth Street**
 City, State, ZIP+4®: **Artesia, NM 88210-2177**

PS Form 3800, April 2017



December 12, 2018

Dear Danny Holcomb:

The following is in response to your request for proof of delivery on your item with the tracking number: **7017 2680 0000 8751 2130**.

Item Details

Status: Delivered
Status Date / Time: December 12, 2018, 10:10 am
Location: ARTESIA, NM 88210
Postal Product: First-Class Mail®
Extra Services: Certified Mail™
 Return Receipt Electronic

Shipment Details

Weight: 4.0oz

Recipient Signature

| | |
|-------------------------|---------------------------------|
| Signature of Recipient: | <i>Roy Miller</i> Roy Miller |
| Address of Recipient: | Box 210 |

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,
 United States Postal Service®
 475 L'Enfant Plaza SW
 Washington, D.C. 20260-0004

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
 Domestic Mail Only

For delivery information, visit our website at www.usps.com™.

ARTESIA, NM 88210

| | |
|-------------------------------|---------------|
| Certified Mail Fee | \$3.45 |
| Postage | \$1.63 |
| Total Postage and Fees | \$6.58 |

Extra Services & Fees (check box, add fee as appropriate)

| | |
|--------------------------------------------------------------|--------|
| <input type="checkbox"/> Return Receipt (hardcopy) | \$2.00 |
| <input type="checkbox"/> Return Receipt (electronic) | \$1.00 |
| <input type="checkbox"/> Certified Mail Restricted Delivery | \$1.00 |
| <input type="checkbox"/> Adult Signature Required | \$1.00 |
| <input type="checkbox"/> Adult Signature Restricted Delivery | \$1.00 |

Postmark Here
 12/10/2018

Send To
 Street and Apt. No.
 City, State, ZIP+4®
 Regeneration Energy Corp
 P. O. Box 210
 Artesia, NM 88210-0210

PS Form 3800, A

7017 2680 0000 8751 2130



December 12, 2018

Dear Danny Holcomb:

The following is in response to your request for proof of delivery on your item with the tracking number: 7017 2680 0000 8751 2123.

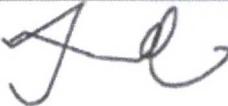
Item Details

Status: Delivered, Left with Individual
Status Date / Time: December 12, 2018, 10:22 am
Location: ARTESIA, NM 88210
Postal Product: First-Class Mail®
Extra Services: Certified Mail™
 Return Receipt Electronic

Shipment Details

Weight: 4.0oz

Recipient Signature

Signature of Recipient: 

Address of Recipient: 

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,
 United States Postal Service®
 475 L'Enfant Plaza SW
 Washington, D.C. 20260-0004

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
 Domestic Mail Only

For delivery information, visit our website at www.usps.com™.

ARTESIA, NM 88210

7017 2680 0000 8751 2123

| | |
|--------------------------------------------------------------|---------------|
| Certified Mail Fee | \$3.45 |
| Extra Services & Fees (check box, add fee as appropriate) | \$0.00 |
| <input type="checkbox"/> Return Receipt (hardcopy) | \$0.00 |
| <input type="checkbox"/> Return Receipt (electronic) | \$0.00 |
| <input type="checkbox"/> Certified Mail Restricted Delivery | \$0.00 |
| <input type="checkbox"/> Adult Signature Required | \$0.00 |
| <input type="checkbox"/> Adult Signature Restricted Delivery | \$0.00 |
| Postage | \$1.63 |
| Total Postage and Fees | \$6.58 |

Postmark Here
 DEC 12 2018
 12/10/2018

Send To
 Street and Apt. No.,
 City, State, ZIP+4®
COG Operating, LLC
2208 W. Main Street
Artesia, NM 88210

PS Form 3800, Apr 2012



December 12, 2018

Dear Danny Holcomb:

The following is in response to your request for proof of delivery on your item with the tracking number: **7017 2680 0000 8751 2093.**

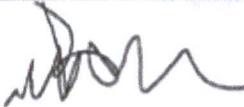
Item Details

Status: Delivered, Front Desk/Reception/Mail Room
Status Date / Time: December 12, 2018, 11:15 am
Location: DALLAS, TX 75240
Postal Product: First-Class Mail®
Extra Services: Certified Mail™
 Return Receipt Electronic

Shipment Details

Weight: 4.0oz

Recipient Signature

Signature of Recipient: 
 Address of Recipient: 5400 LBJ
 #1501

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,
 United States Postal Service®
 475 L'Enfant Plaza SW
 Washington, D.C. 20260-0004

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
 Domestic Mail Only

For delivery information, visit our website at www.usps.com®

DALLAS, TX 75240

OFFICIAL USE

| | | |
|--------------------------------------------------------------|---------------|------------|
| Certified Mail Fee | \$3.45 | 0206 10 |
| Extra Services & Fees (check box, add fee as appropriate) | \$0.00 | |
| <input type="checkbox"/> Return Receipt (hardcopy) | \$0.50 | |
| <input type="checkbox"/> Return Receipt (electronic) | \$0.00 | |
| <input type="checkbox"/> Certified Mail Restricted Delivery | \$0.00 | |
| <input type="checkbox"/> Adult Signature Required | \$0.00 | |
| <input type="checkbox"/> Adult Signature Restricted Delivery | \$0.00 | |
| Postage | \$1.63 | |
| Total Postage and Fees | \$6.58 | |

Postmark Here
 12/10/2018

Sent To: MRC Permian Company
 Street and Apt. No.: 5400 LBJ Fwy, Suite 1500
 City, State, ZIP+4®: Dallas, TX 75240-1017

PS Form 3800, A

7017 2680 0000 8751 2093



December 12, 2018

Dear Danny Holcomb:

The following is in response to your request for proof of delivery on your item with the tracking number: **7017 2680 0000 8751 2109.**

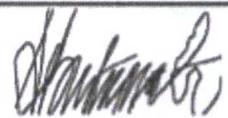
Item Details

Status: Delivered, Left with Individual
Status Date / Time: December 12, 2018, 12:12 pm
Location: ARTESIA, NM 88210
Postal Product: First-Class Mail®
Extra Services: Certified Mail™
 Return Receipt Electronic

Shipment Details

Weight: 4.0oz

Recipient Signature

Signature of Recipient: 
 Address of Recipient: 811 S. 1ST
 ARTESIA, NM 88210

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,
 United States Postal Service®
 475 L'Enfant Plaza SW
 Washington, D.C. 20260-0004

**U.S. Postal Service™
 CERTIFIED MAIL® RECEIPT**
 Domestic Mail Only

For delivery information, visit our website at www.usps.com®

OFFICIAL USE

7017 2680 0000 8751 2109

Certified Mail Fee \$3.45

Extra Services & Fees (check box, add fee to postage)

| | |
|--------------------------------------------------------------|--------|
| <input type="checkbox"/> Return Receipt (hardcopy) | \$0.00 |
| <input type="checkbox"/> Return Receipt (electronic) | \$0.00 |
| <input type="checkbox"/> Certified Mail Restricted Delivery | \$0.00 |
| <input type="checkbox"/> Adult Signature Required | \$0.00 |
| <input type="checkbox"/> Adult Signature Restricted Delivery | \$0.00 |

Postage \$1.63

Total Postage and Fees \$6.58

Sent to: State of New Mexico
 NMOC District 2 Office
 811 S. First Street
 Artesia, NM 88210 - 2834

Postmark Here: 12/10/2018

PS Form 3800, A



December 12, 2018

Dear Danny Holcomb:

The following is in response to your request for proof of delivery on your item with the tracking number: **7017 2680 0000 8751 2147**.

Item Details

Status: Delivered, Front Desk/Reception/Mail Room
Status Date / Time: December 12, 2018, 12:31 pm
Location: CARLSBAD, NM 88220
Postal Product: First-Class Mail®
Extra Services: Certified Mail™
 Return Receipt Electronic

Shipment Details

Weight: 4.0oz

Recipient Signature

Signature of Recipient: *T. N. ...*

Address of Recipient: *620 E. Greene*

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,
 United States Postal Service®
 475 L'Enfant Plaza SW
 Washington, D.C. 20260-0004

7017 2680 0000 8751 2147

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
 Domestic Mail Only

For delivery information, visit our website at www.usps.com®

CARLSBAD, NM 88220

OFFICIAL USE

| | |
|--------------------------------------------------------------|--------|
| Certified Mail Fee | \$3.45 |
| Extra Services & Fees (check box, add fee appropriate) | \$0.00 |
| <input type="checkbox"/> Return Receipt (hardcopy) | \$0.00 |
| <input type="checkbox"/> Return Receipt (electronic) | \$0.00 |
| <input type="checkbox"/> Certified Mail Restricted Delivery | \$0.00 |
| <input type="checkbox"/> Adult Signature Required | \$0.00 |
| <input type="checkbox"/> Adult Signature Restricted Delivery | \$0.00 |
| Postage | \$1.63 |
| Total Postage and Fees | \$5.08 |

Postmark Here: 12/13/14 15 16 17 18

Sent To: United States Dept of Interior
 Bureau of Land Management
 Street and Apt. No.: 620 E. Greene Street
 City, State, ZIP+4®: Carlsbad, NM 88220-6292

PS Form 3800, Apr 2017



December 13, 2018

Dear Danny Holcomb:

The following is in response to your request for proof of delivery on your item with the tracking number: **7017 2680 0000 8751 2116**.

Item Details

Status: Delivered, Left with Individual
Status Date / Time: December 13, 2018, 7:54 am
Location: ARTESIA, NM 88210
Postal Product: First-Class Mail®
Extra Services: Certified Mail™
 Return Receipt Electronic

Shipment Details

Weight: 4.0oz

Recipient Signature

Signature of Recipient: *Dana Clayton*
 Address of Recipient: *611 W. Mahone Ste C
 Artesia NM 88210*

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,
 United States Postal Service®
 475 L'Enfant Plaza SW
 Washington, D.C. 20260-0004

7017 2680 0000 8751 2116

**U.S. Postal Service™
 CERTIFIED MAIL® RECEIPT**
 Domestic Mail Only

For delivery information, visit our website: www.usps.com®

ARTESIA, NM 88210

OFFICIAL USE

| | | |
|--------------------------------------------------------------|---------------|------|
| Certified Mail Fee | \$3.45 | 0288 |
| Extra Services & Fees (check box, add amount) | | |
| <input type="checkbox"/> Return Receipt (hardcopy) | \$1.95 | |
| <input type="checkbox"/> Return Receipt (electronic) | \$0.00 | |
| <input type="checkbox"/> Certified Mail Restricted Delivery | \$0.00 | |
| <input type="checkbox"/> Adult Signature Required | \$0.00 | |
| <input type="checkbox"/> Adult Signature Restricted Delivery | \$0.00 | |
| Postage | \$1.63 | |
| Total Postage and Fees | \$6.58 | |

Postmark Here: 12/13/2018

Sent To: **Levi Oil & Gas, LLC**
 Street and Apt. No.: **611 W. Mahone Drive, Ste D**
 City, State, ZIP+4®: **Artesia, NM 88210-2075**

PS Form 3800, A1



December 13, 2018

Dear Danny Holcomb:

The following is in response to your request for proof of delivery on your item with the tracking number: 7017 2680 0000 8751 2161.

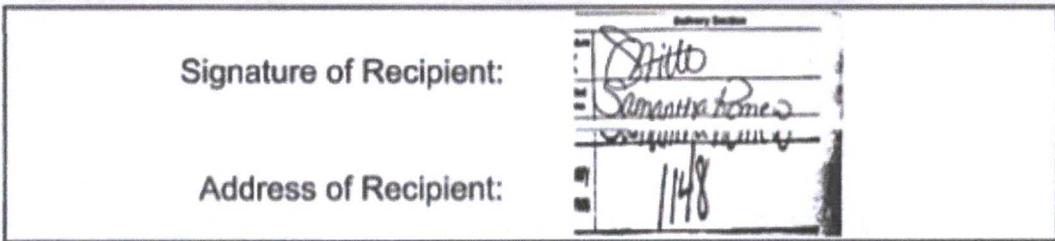
Item Details

Status: Delivered
Status Date / Time: December 13, 2018, 11:33 am
Location: SANTA FE, NM 87501
Postal Product: First-Class Mail®
Extra Services: Certified Mail™
 Return Receipt Electronic

Shipment Details

Weight: 4.0oz

Recipient Signature



Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,
 United States Postal Service®
 475 L'Enfant Plaza SW
 Washington, D.C. 20260-0004

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
 Domestic Mail Only

For delivery information, visit our website at www.usps.com™.

SANTA FE, NM 87504

7017 2680 0000 8751 2161

| | |
|-------------------------------|---------------|
| Certified Mail Fee | \$3.45 |
| Postage | \$1.63 |
| Total Postage and Fees | \$5.08 |

Extra Services & Fees (check box, add fee):

- Return Receipt (hardcopy) \$2.90
- Return Receipt (electronic) \$0.00
- Certified Mail Restricted Delivery \$0.00
- Adult Signature Required \$0.00
- Adult Signature Restricted Delivery \$0.00

Postmark Here: 12/10/2018

Sent To: State of New Mexico
 Commissioner of Public Land
 P. O. Box 1148
 Santa Fe, NM 87504

PS Form 3800, 7-15



December 26, 2018

Dear Danny Holcomb:

The following is in response to your request for proof of delivery on your item with the tracking number: 7017 2680 0000 8751 2185.

Item Details

Status: Delivered
Status Date / Time: December 26, 2018, 3:15 pm
Location: CARLSBAD, NM 88220
Postal Product: First-Class Mail®
Extra Services: Certified Mail™
 Return Receipt Electronic

Shipment Details

Weight: 4.0oz

Recipient Signature

Signature of Recipient: *Sally Phillips*
Sally Phillips
Address of Recipient: *3104 E Greene*

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,
 United States Postal Service®
 475 L'Enfant Plaza SW
 Washington, D.C. 20260-0004

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
 Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

CARLSBAD, NM 88220

OFFICIAL USE

| | |
|--------------------------------------------------------------|---------------|
| Certified Mail Fee | \$3.45 |
| Extra Services & Fees (check box, add fee as appropriate) | \$0.00 |
| <input type="checkbox"/> Return Receipt (hardcopy) | \$1.50 |
| <input type="checkbox"/> Return Receipt (electronic) | \$0.00 |
| <input type="checkbox"/> Certified Mail Restricted Delivery | \$0.00 |
| <input type="checkbox"/> Adult Signature Required | \$0.00 |
| <input type="checkbox"/> Adult Signature Restricted Delivery | \$0.00 |
| Postage | \$1.63 |
| Total Postage and Fees | \$6.58 |

Sent to
 Street and Apt. No.,
 City, State, ZIP+4®

XTO Energy, Inc.
 3104 E. Greene Street
 Carlsbad, NM 88220

PS Form 3800, A

7017 2680 0000 8751 2185

0206
 77
 12/17/2018
 USPS 10000 STATION
 Postmark Here
 MAGNOLIA, TX 79124
 DEC 2018

Judah Oil, LLC
c/o Holcomb Consultants
6900 Spring Cherry Lane
Amarillo, Texas 79124

DEC 31 2018 PM 02:21

December 27, 2018

New Mexico Oil Conservation Division
Engineering Bureau
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Original Affidavit of Publication
C-108 Application from Judah Oil, LLC
Shinnery Oak SWD #3 (30-015-pending)

Gentlemen,

Attached is the original AOP received from the Artesia Daily Press for the legal notice publication made on December 11, 2018 as part of the C-108 application (Authority to Inject) on the above referenced well.

If you have any questions concerning this notice or need any additional information, please let me know.

Sincerely,



Danny J. Holcomb
Agent for Judah Oil, LLC
Email: danny@pwllc.net
Cell: 806-471-5628

Attachment

Affidavit of Publication

No. 24939

State of New Mexico

County of Eddy:

Danny Scott *[Signature]*

being duly sworn says that he is the **Publisher**

of the Artesia Daily Press, a daily newspaper of General circulation, published in English at Artesia, said county and state, and that the hereto attached

Legal Ad

was published in a regular and entire issue of the said Artesia Daily Press, a daily newspaper duly qualified for that purpose within the meaning of Chapter 167 of the 1937 Session Laws of the state of New Mexico for

1 Consecutive weeks/day on the same

day as follows:

| | |
|---------------------|-------------------|
| First Publication | December 11, 2018 |
| Second Publication | |
| Third Publication | |
| Fourth Publication | |
| Fifth Publication | |
| Sixth Publication | |
| Seventh Publication | |

Subscribed and sworn before me this

11th day of December 2018



OFFICIAL SEAL
Latisha Romine
NOTARY PUBLIC-STATE OF NEW MEXICO

My commission expires: 5/12/2019

[Signature: Latisha Romine]

Latisha Romine

Notary Public, Eddy County, New Mexico

Copy of Publication:

Legal Notice

Judah Oil, LLC, PO Box 568, Artesia, NM 88211 has filed form C-108 (Application for Authorization to Inject) with the New Mexico Oil Conservation Division seeking administrative approval to drill a new commercial salt water disposal well named Shinnery Oak SWD #3, API 30-015-pending, located at 3312' FSL x 1014' FWL, Lot "13", Section 2, T21S, R28E, Eddy County, New Mexico. The proposed disposal interval would be the Devonian-Silurian formations through open-hole completion between 13400' - 14420' (or 100' into the top of the Montoya formation). Disposal fluid would be produced water from producing oil and gas wells in the area. Anticipated average disposal volume is 20,000 BWPD with a maximum anticipated volume of 25,000 BWPD. Anticipated average disposal pressure is 1600 psi with a maximum disposal pressure of 2680 psi. The well would be located approximately 6 miles northeast of Carlsbad, New Mexico.

All interested parties opposing the aforementioned must file objections with the New Mexico Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505 within 15 days. Additional information can be obtained by contacting Danny Holcomb at 806-471-5628.

Published in the Artesia Daily Press, Artesia, N.M., Dec. 11, 2018 Legal No. 24939.

DEC 31 2018 PM02:21

U.S. DEPARTMENT OF THE INTERIOR *PRIVATE CLAIMS*
BUREAU OF LAND MANAGEMENT **General Land Office Records**

BLM

Search Documents | Reference Center | Support | Shopping Cart

Search Documents Results List LSR Details

DM ID: 40164 Document Type: Oil and Gas State: New Mexico Posted Date: 8/4/2016

Land Status Record Details Related Documents

| | |
|-------------------|-------------------------|
| Township / Range: | 021.05 - 028.0E |
| Meridian: | New Mexico Pm |
| State, Office: | New Mexico State Office |
| Pages: | 1 |

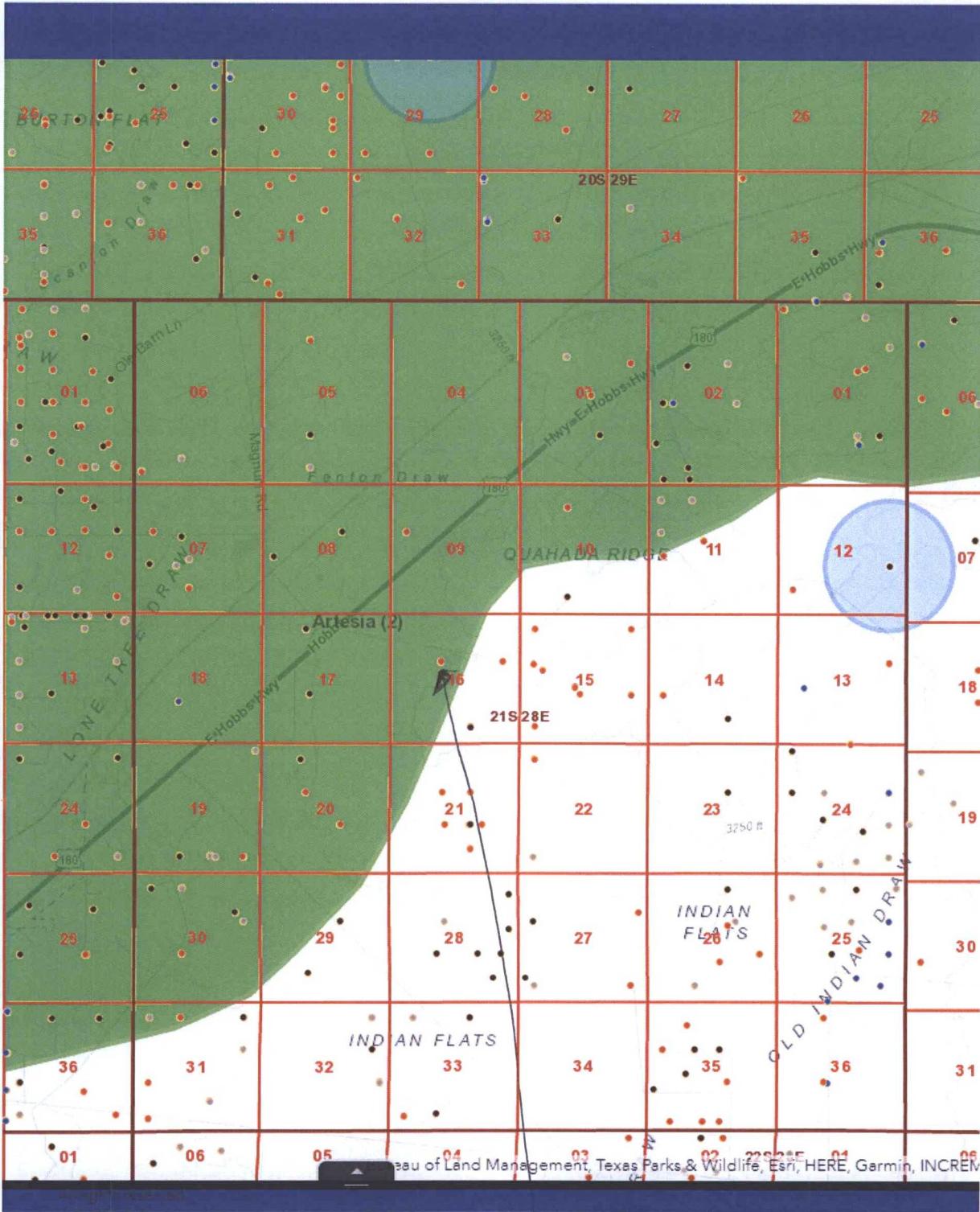
Sheet: 1

Field Office: Carlsbad

Hold down the Ctrl key to select a region with the mouse.

Basic Viewer

Note: You can download our LSR images directly by clicking one of the icons above. Check out our [Viewing And Printing Images Guide](#) for more information.



Proposed well



New Mexico Office of the State Engineer Water Column/Average Depth to Water

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

No records found.

UTMNAD83 Radius Search (in meters):

Easting (X): 587901.42

Northing (Y): 3597220.15

Radius: 1609.1

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.

6/14/19 9:52 AM

WATER COLUMN/ AVERAGE
DEPTH TO WATER

Shinnery Oak SWD #3
API 30-015-45535
E-2-21S-28E, Eddy County, New Mexico

Summary of Well Construction Changes on Amended C-101

- 1) TD change from 14.420' to 14310' to avoid penetrating the Montoya formation. If the Montoya is encountered high, we plan to TD the well there and set a bottom hole cement plug to isolate the Montoya.
- 2) Increase hole size and casing size on the surface string to accommodate an additional intermediate casing string.
- 3) Add an additional intermediate casing string to comply with OCD/BLM's "4 string area" requirement within this section of the Capitan Reef.
- 4) Decrease hole size on the production casing string.

The above changes are being made to reflect SWD order discussions with OCD Engineering Bureau personnel and an offset operator.

RVP 5-10-19

District I
1625 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 Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

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 and Natural Resources

Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

RECEIVED

Form C-101
Revised July 18, 2013

MAY 10 2019

AMENDED REPORT

DISTRICT II-ARTESIA O.C.D.

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

| | | |
|------------------------------------------------------------------------------------------------|--|-----------------------------------------|
| ¹ Operator Name and Address Judah Oil, LLC P. O. Box 568 Artesia, NM 88211 | | ² OGRID Number 245872 |
| ⁴ Property Code 322996 | | ³ API Number 30-015-45535 |
| ⁵ Property Name Shinnery Oak SWD | | ⁶ Well No. 003 |

7. Surface Location

| UL - Lot | Section | Township | Range | Lot Idn | Feet from | N/S Line | Feet From | E/W Line | County |
|----------|---------|----------|-------|---------|-----------|----------|-----------|----------|--------|
| E - 13 | 2 | 21S | 28E | | 3312 | South | 1014 | West | Eddy |

8. Proposed Bottom Hole Location

| UL - Lot | Section | Township | Range | Lot Idn | Feet from | N/S Line | Feet From | E/W Line | County |
|----------|---------|----------|-------|---------|-----------|----------|-----------|----------|--------|
| | | | | | | | | | |

9. Pool Information

| | |
|---------------------------------------|--------------------|
| Pool Name SWD; Devonian - Silurian | Pool Code 97869 |
|---------------------------------------|--------------------|

Additional Well Information

| | | | | |
|--------------------------------|-------------------------------------------------|------------------------------------------------|----------------------------------------------|-----------------------------------------------|
| ¹¹ Work Type New | ¹² Well Type S | ¹³ Cable/Rotary R | ¹⁴ Lease Type P | ¹⁵ Ground Level Elevation 3322' |
| ¹⁶ Multiple N | ¹⁷ Proposed Depth 14310' | ¹⁸ Formation Devonian - Silurian | ¹⁹ Contractor TBD | ²⁰ Spud Date TBD |
| Depth to Ground water > 200' | Distance from nearest fresh water well > 1 mile | | Distance to nearest surface water 0.76 miles | |

We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

| Type | Hole Size | Casing Size | Casing Weight/ft | Setting Depth | Sacks of Cement | Estimated TOC |
|------------|-----------|-------------|------------------|---------------|-----------------|---------------|
| Surf | 28-1/2" | 24" | 186.2 | 280 | 360 | Surface |
| Interm 1 | 22" | 18-5/8" | 114 | 1650 | 1180 | Surface |
| Interm 2 | 17-1/2" | 13-3/8" | 68 | 3300 | 1500 | Surface |
| Interm 3 | 12-1/4" | 9-5/8" | 40 | 9720 | 2100 | 1590 |
| Prod/Liner | 8-3/4" | 7-5/8" | 33.7 | 9220-13640 | 250 | TOL-9220 |

Casing/Cement Program: Additional Comments

Amended well construction after discussions with OCD Engineering Bureau and offset operators. SWD Order pending.

22. Proposed Blowout Prevention Program

| Type | Working Pressure | Test Pressure | Manufacturer |
|-------------------|------------------|---------------|----------------|
| Double Ram/Hydril | 10,000/5000 | 10,000/5000 | NOV (National) |

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

I further certify that I have complied with 19.15.14.9 (A) NMAC and/or 19.15.14.9 (B) NMAC , if applicable.

Signature: *DJ Holcomb*

Printed name: Danny J. Holcomb

Title: Agent Judah Oil, LLC

E-mail Address: danny@pwllc.net

Date: 5/7/2019

Phone: 806-471-5628

OIL CONSERVATION DIVISION

Approved By:

Title: *Geologist*

Approved Date: 5-10-19

Expiration Date: 5-10-21

Conditions of Approval Attached

Approved C108

WELLBORE SCHEMATIC

WELL: Shinnery Oak SWD #3

PROSPECT: Devonian SWD

JUDAH OIL, LLC

GL ELEV : 3322'
RKB ELEV : 3350.5'

Surface Hole Location : 3312' FSL & 1014' FWL
Sec. 2, TWP 21-S, RGE 28-E
Eddy County, NM
API 30-015-45535

| Formation Tops | MW (PPG) | Directional and BHA Details | CASING DIAGRAM | Depth (MD) | Hole | Casing & Cement Details 30" Conductor @ ± 120' | Notes | |
|-------------------------------------------------------------------------------|--------------------------|-----------------------------|----------------|------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|--|
| | 8.4-8.6 FW ↓ | • Hold vertical | | 280' | 28-1/2" | Surf. Csg Cmt: (50% OH excess) Tail: 300' critical Total Sacks Cement: 360 24" 186.2#, X-60, T&C | | |
| Anhy - 627 Yates - 1280 Capitan Reef - 1640 | 9.8-10.0 Sat. Brine ↓ | • Hold vertical | | 1,650 | 22" | Int. 1 Csg Cmt: (50% OH excess) Lead: Circulate to surface Tail: 300' critical Total Sacks Cement: 1180 18-5/8", 114#, Q-125, Hunting Seal-Lock Flush | | |
| Delaware - 3110 | 8.4-8.6 FW ↓ | • Hold vertical | | 3,300 | 17-1/2" | Int. 2 Csg Cmt: (40% OH excess) Lead: Circulate to surface Tail: 20% critical Total Sacks Cement: 1500 (2 stg) 13-3/8", 68#, J-55, BTC | • DV Tool @ 1440' with 2-stage Cement Job | |
| Bone Spring - 6270 | 8.7-9.2 Cut Brine ↓ | • Hold vertical | | 9,720 | 12-1/4" | Int. 3 Csg Cmt: (40% OH excess) Lead: 3,100' Tail: 8,700' Total Sacks Cement: 2100 (min TOC at 50 ft above Capitan Reef) | | |
| Wolfcamp - 9668 | | | | | | | | |
| Penn - 10502 Strawn - 10818 | 9.5-12 Mud ↓ | • Hold vertical | | 13,640 | 8-3/4" | Prod Csg Cmt: Lead: 9,220' Tail: 12,640' (10% OH excess, subject to change based on fluid caliper) Total Sacks Cement: 250 | | |
| Morrow - 11648 Mississippi - 12320 Woodford - 13252 Devonian - 13360 | | | | | | | Liner Hanger 7-5/8", 33.7#, P-110HC, USS Liberty FJM, 9,220' - TD Liner | |
| Fusselman - 13645 | 8.4-8.5 FW ↓ | • Hold vertical | | | | 6-1/2" | Tubing: Permanent Packer @ 13,540' (Packer must be set within 100' of casing shoe) 5-1/2", 20#, P-110IC, BTC, IPC | |
| Montoya - 14320 | | | | | TD 14,310' | | | |

RWP 5-10-19



FORM C-108 Technical Review Summary [Prepared by reviewer and included with application; V17]

DATE RECORD: First Rec: 12/31/2018 Admin Complete: _____ or Suspended: _____ Add. Request/Reply: _____

ORDER TYPE: WFX / PMX / SWD Number: 1881 Order Date: _____ Legacy Permits/Orders: _____

Well No. 3 Well Name(s): Shinnery OAK SWD

API: 30-0 15-45-535 Spud Date: TBD New or Old (EPA): N (UIC Class II Primacy 03/07/1982)

Footages 3312 FSL 1014 FUL Lot B or Unit E Sec 2 Tsp 21S Rge 28E County Eddy

General Location: 2 1/2 miles NE CARLSBAD Pool: _____ Pool No.: _____

BLM 100K Map: Antesia Operator: Judco Oil, LLC OGRID: 245872 Contact: Danny Horeau's Agent

COMPLIANCE RULE 5.9: Total Wells: 21 Inactive: 0 Fincl Assur: OK Compl. Order? NA IS 5.9 OK? X Date: 6-14-2015

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 Sx of Cf | Cement Top and Determination Method |
|---------------------------------------------|----------------------------|---------------------|------------------------|-------------------------------------|
| Planned ___ or Existing ___ Surface | <u>28 1/2" / 24"</u> | <u>280</u> | <u>360</u> | <u>Surface/Visual</u> |
| Planned ___ or Existing ___ Interm/Prod | <u>22" / 18 5/8"</u> | <u>1650</u> | <u>1180</u> | <u>Surface/Visual</u> |
| Planned ___ or Existing ___ Interm/Prod | <u>17 1/2" / 13 3/8"</u> | <u>3300</u> | <u>1500</u> | <u>Surface/Visual</u> |
| Planned ___ or Existing ___ Prod/Liner | <u>12 1/4" / 9 5/8"</u> | <u>4720</u> | <u>2100</u> | <u>Surface/Visual</u> |
| Planned ___ or Existing ___ Liner (revised) | <u>8 3/4" / 7 5/8"</u> | <u>13640</u> | <u>250</u> | <u>C-B-L (see below)</u> |
| Planned ___ or Existing ___ OH / PERF | <u>13640 - 14310</u> | <u>(Proposed)</u> | <u>Inj Length 1020</u> | |

| Injection Lithostratigraphic Units: | Depths (ft) | Injection or Confining Units | Tops |
|-------------------------------------|-------------|------------------------------|--------------|
| Adjacent Unit: Litho. Struc. Por. | | <u>UD</u> | <u>13252</u> |
| Confining Unit: Litho. Struc. Por. | | <u>DV</u> | <u>13360</u> |
| Proposed Inj Interval TOP: | | | |
| Proposed Inj Interval BOTTOM: | | | |
| Confining Unit: Litho. Struc. Por. | | | |
| Adjacent Unit: Litho. Struc. Por. | | | |

Completion/Operation Details:

Drilled TD 14310 PBDT _____
 NEW TD _____ NEW PBDT _____
 NEW Open Hole or NEW Perfs
 Tubing Size 5 1/2 in. Inter Coated? _____
 Proposed Packer Depth 13540 ft
 Min. Packer Depth 13540 (100-ft limit)
 Proposed Max. Surface Press. 1600 psi
 Admin. Inj. Press. 2680 (13400 OK 2.28 (13400) 0.2 psi per ft)

AOR: Hydrologic and Geologic Information

POTASH: R-111-P NA Noticed? _____ BLM Sec Ord WIPP Noticed? _____ Salt/Salado T: 650 B: 1280 NW: Cliff House fm

USDW: Aquifer(s) _____ Max Depth NA HYDRO AFFIRM STATEMENT By Qualified Person

NMOSE Basin: Capitan CAPITAN REEF: thru X adj _____ NA _____ No. GW Wells in 1-Mile Radius? NA FW Analysis? NA

Disposal Fluid: Formation Source(s) yes, water from Bone Springs Analysis? X On Lease Operator Only or Commercial

Disposal Interval: Inject Rate (Avg/Max BWPD): 20K/25K Protectable Waters? _____ Source: _____ System: Closed or Open

HC Potential: Producing Interval? NA Formerly Producing? _____ Method: Logs/DST/P&A/Other regions 2-Mi Radius Pool Map

AOR Wells: 1/2-M _____ or ONE-M RADIUS MAP/WELL LIST: Total Penetrating Wells: 0 [AOR Hor: _____ AOR SWDs: _____]

Penetrating Wells: No. Active Wells 0 No. Corrective? _____ on which well(s)? _____ Diagrams? _____

Penetrating Wells: No. P&A Wells _____ No. Corrective? _____ on which well(s)? _____ Diagrams? _____

Induced-Seismicity Risk Assess: analysis submitted _____ historical/catalog review X fault-slip model _____ probability LOW

NOTICE: 1/2-M _____ or ONE-M : Newspaper Date _____ Mineral Owner Judco Oil LLC Surface Owner Judco Oil LLC N. Date Dec. 13

RULE 26.7(A): Identified Tracts? _____ Affected Persons*: XTO, MRE Permin, EOG, BLM N. Date Dec. 13

* new definition as of 12/28/2018 [any the mineral estate of United States or state of New Mexico; SWD operators within the notice radius]

Order Conditions: Issues: 1) Ensure protection Capitan Reef

Additional COAs: 2) C-B-L from 500' top Liner - base liner

Pending Applications for High-Volume Devonian Disposal Wells
C-108 Applications for Shinnery Oak Federal SWD No. 2 and Shinnery Oak SWD No. 3 – Judah Oil, LLC
Cases No. 20441 and 20442

