

RECEIVED: 7/05/2017	REVIEWER: PRG	TYPE: SWD	APP NO: DMAm1718746761
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ABOVE THIS 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

<b>Applicant:</b> Judah Oil, LLC	<b>OGRID Number:</b> 245872
<b>Well Name:</b> Ross Draw Federal SWD #1	<b>API:</b> 30-015-pending
<b>Pool:</b> SWD; Devonian	<b>Pool Code:</b> 96101

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

SWD-1683

- 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 checked="" 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.**

Danny J. Holcomb - Agent for Judah Oil, LLC

Print or Type Name

DJ Holcomb  
 Signature

6-22-2017  
 Date

806-471-5628  
 Phone Number

danny@pwllc.net  
 e-mail Address

Pueblo West, LLC  
125 Greathouse Village  
Decatur, Texas 76234

June 22, 2017

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 C108 (Application for authorization to Inject) with the New Mexico Oil Conservation Division seeking administrative approval to inject into a proposed salt water disposal well named the Ross Draw Federal SWD #1, API 30-015-pending, 734 FSL x 1884 FWL, Unit Letter "N", Section 26, T26S, R30E, Eddy County, New Mexico. The proposed disposal interval would be the Devonian formation through open-hole completion between 16,000' – 17,400'. Disposal fluid would be produced water from producing oil and gas wells in the area. Anticipated average disposal volume is 15,000 BWPD with a maximum anticipated volume of 20,000 BWPD. Anticipated average disposal pressure is 1600 psi with a maximum disposal pressure of 3200 psi. The well is located approximately 19 miles southeast of Malaga, 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](mailto:danny@pwllc.net)

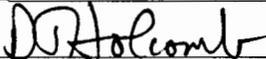


[www.pwllc.net](http://www.pwllc.net)

**APPLICATION FOR AUTHORIZATION TO INJECT**

- I. PURPOSE: \_\_\_\_\_ Secondary Recovery \_\_\_\_\_ Pressure Maintenance \_\_\_\_\_ X \_\_\_\_\_ Disposal \_\_\_\_\_ Storage  
Application qualifies for administrative approval? \_\_\_\_\_ X \_\_\_\_\_ 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 \_\_\_\_\_ X \_\_\_\_\_ 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:
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: 6/22/2017

E-MAIL ADDRESS: danny@pwillc.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  
Ross Draw Fed SWD #1  
API # 30-015-pending  
734 FSL x 1884 FWL  
Unit Letter 'N', Section 26, T26S, R30E  
Eddy County, New Mexico  
C108 Application for Authorization to Inject

I.

The purpose of this application is seeking administrative approval for injection authority in a new commercial Devonian salt water disposal well to be drilled and completed.

II.

Operator: Judah Oil, LLC  
Address: PO Box 568, Artesia, New Mexico 88211  
Contact Party: James Campanella 575-748-5488 email: [jbc@judahoil.com](mailto:jbc@judahoil.com)

III.

Well Name: Ross Draw Fed SWD #1  
API Number: 30-015-pending  
Location: Unit Letter 'N', Section 26, T26S, R30E, Eddy County, New Mexico  
Operator: Judah Oil, LLC OGRID: 245872  
Proposed Formation: SWD; Devonian (Pool Code: 96101)  
Please see Exhibit "A" for additional well data.

IV.

This is not an expansion of an existing project.

V.

Please see Exhibit "B" for lease map.

VI.

There are eleven offset wells located within the 0.5 mile Area of Review. None of these offset wells penetrate the proposed disposal interval. See AOR map and list of wells in Exhibit "C".

VII.

1. Anticipated disposal volume – 15,000 BWPD with a maximum of 20,000 BWPD.
2. System will be closed. It will include a central tank battery and pump. Water will be trucked in.
3. Anticipated disposal pressure: Average 1600 psig, Maximum 3200 psig.
4. Disposed fluid will be trucked in from producing wells in the immediate area. Please see Exhibit "D" for fluid analysis from area wells.
5. Please see Exhibit "D" for disposal zone fluid analysis.



Judah Oil, LLC  
Ross Draw Fed SWD #1  
API # 30-015-pending  
734 FSL x 1884 FWL  
Unit Letter 'N', Section 26, T26S, R30E  
Eddy County, New Mexico  
C108 Application for Authorization to Inject

VIII.

Formation	Anticipated Depth (ft)
Rustler	552
B. Salt	3500
T. Delaware	3800
T. Bone Spring	7320
T. Wolfcamp	10850
T. Atoka	13850
T. Morrow	14000
T. Devonian	16000
Proposed disposal zone	16000 - 17400

IX.

**Proposed Completion Procedure:** After cleaning out cement to 17,400' TD, a pump-in test will be pumped 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. 4-1/2" internally plastic coated injection tubing and packer will be run. Packer will be set a maximum of 100' above the 7-5/8" liner shoe.

X.

Any logs performed will be submitted after completion.

XI.

NM OSE records indicate there are no fresh water wells within the 1 mile Area of Review. See Exhibit "E" for copies of OSE data base queries and an AOR map.

XII.

Available geological and engineering data have been examined and no evidence of open faults or hydrological connection between the Devonian disposal zone and any underground sources of drinking water has been found.

XIII.

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

Danny J. Holcomb



Agent for Judah Oil, LLC

Date: 6/22/2017



**Judah Oil, LLC  
Ross Draw Fed SWD #1  
API # 30-015-Pending  
Unit Letter 'N', Section 26, T26S, R30E  
Eddy County, New Mexico**

**Well Drilling Data**

Propose to drill a commercial salt water disposal well in the Devonian formation at the location noted above.

Drill 26" hole to 500', run 20" casing to 500', cement with approximately 900 sacks of Class 'C' cement. Circulate cement to surface.

Drill 17-1/2" hole to 3600', run 13-3/8" casing to 3600', cement with approximately 1550 sacks of Class 'C' cement. Circulate cement to surface. Test casing.

Drill 12-1/4" hole to 11,000', run 9-5/8" casing to 11,000', DV/ECP tool at approximately 3700', cement with approximately 2290 sacks of Class 'C' and Class 'H' cement in two stages. Circulate cement to surface. Test casing.

Drill 8-3/4" hole to 16,000', run 7-5/8" liner from 10,700' – 16,000' (~50' below top of Devonian), DV/ECP tool at approximately 16,000', cement with approximately 530 sacks of Class 'H' cement. Circulate cement to liner hanger at 10,700'. Test liner.

Drill 6-1/8" hole to 17,400' TD, log open hole and attempt to swab insitu water for NMOCD.

**Estimated Formation Tops:**

Rustler – 552'

B. Salt - 3500'

Delaware – 3800'

Bone Spring – 7320'

Wolfcamp – 10,850'

Atoka – 13,850'

Morrow – 14,000'

Devonian – 16,000'



[www.pwllc.net](http://www.pwllc.net)

EXHIBIT "A"

# PROPOSED WELLBORE

## New Drill

Judah Oil, LLC

Ross Draw Federal SWD #1

API # 30-015-Pending

734' FSL x 1884' FWL, UL 'N' Sec 26, T26S, R30E, Eddy County, NM

All Depths KB

KB 3027'

GL 3005'

26" Hole  
20" 94# J-55 ST&C  
**Set @ 500'**  
Cement to surface: yes

B. Salt 3500'  
17-1/2" Hole  
13-3/8" 61# J-55 ST&C  
**Set @ 3600'**  
Cement to surface: yes

T. Bell Cyn 3800'

T. Cherry Cyn 4350'  
T. Brushy Cyn 5600'

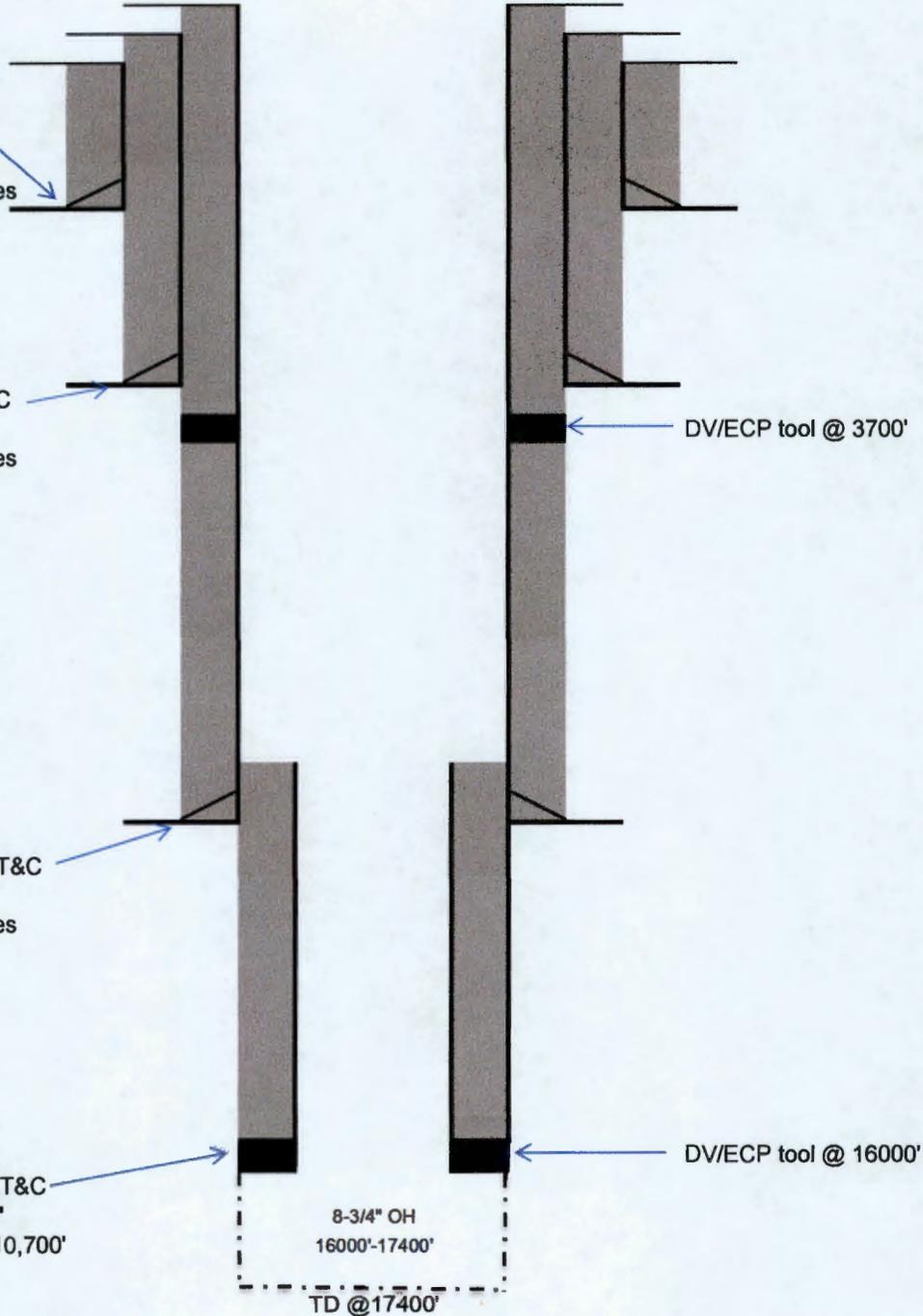
T. Bone Spring 7320'

T. Wolfcamp 10850'  
12-1/4" Hole  
9-5/8" 43.5# HCL80 LT&C  
**Set @ 11000'**  
Cement to surface: yes

T. Atoka 13850'  
T. Morrow 14000'

T. Devonian 16000'

8-3/4" Hole  
7-5/8" 39# HCP-110 LT&C  
**Set @ 10700' - 16000'**  
Cmt w/ 530 Sx, TOC 10,700'



Drawing Not to Scale

Formation tops estimated  
based on offset wells

**EXHIBIT "A"**



# PROPOSED WELLBORE

Configured for SWD Service

Judah Oil, LLC

Ross Draw Federal SWD #1

API # 30-015-Pending

734' FSL x 1884' FWL, UL 'N' Sec 26, T26S, R30E, Eddy County, NM

All Depths KB

KB 3027'

GL 3005'

26" Hole

20" 94# J-55 ST&C

Set @ 500'

Cement to surface: yes

B. Salt 3500'

17-1/2" Hole

13-3/8" 61# J-55 ST&C

Set @ 3600'

Cement to surface: yes

T. Bell Cyn 3800'

T. Cherry Cyn 4350'

T. Brushy Cyn 5600'

T. Bone Spring 7320'

T. Wolfcamp 10850'

12-1/4" Hole

9-5/8" 43.5# HCL80 LT&C

Set @ 11000'

Cement to surface: yes

T. Atoka 13850'

T. Morrow 14000'

T. Devonian 16000'

8-3/4" Hole

7-5/8" 39# HCP-110 LT&C

Set @ 10700' - 16000'

Cmt w/ 530 Sx, TOC 10,700'

B1 Flange

DV/ECP tool @ 3700'

Pkr Fluid in Annulus

4-1/2" 13.5/15.1#  
HCP-110 IPC Inj Tbg

Inj Pkr set @ 15980'

DV/ECP tool @ 16000'

Proposed Injection Interval  
16000' - 17400'

6-1/8" OH  
16000'-17400'  
TD @17400'

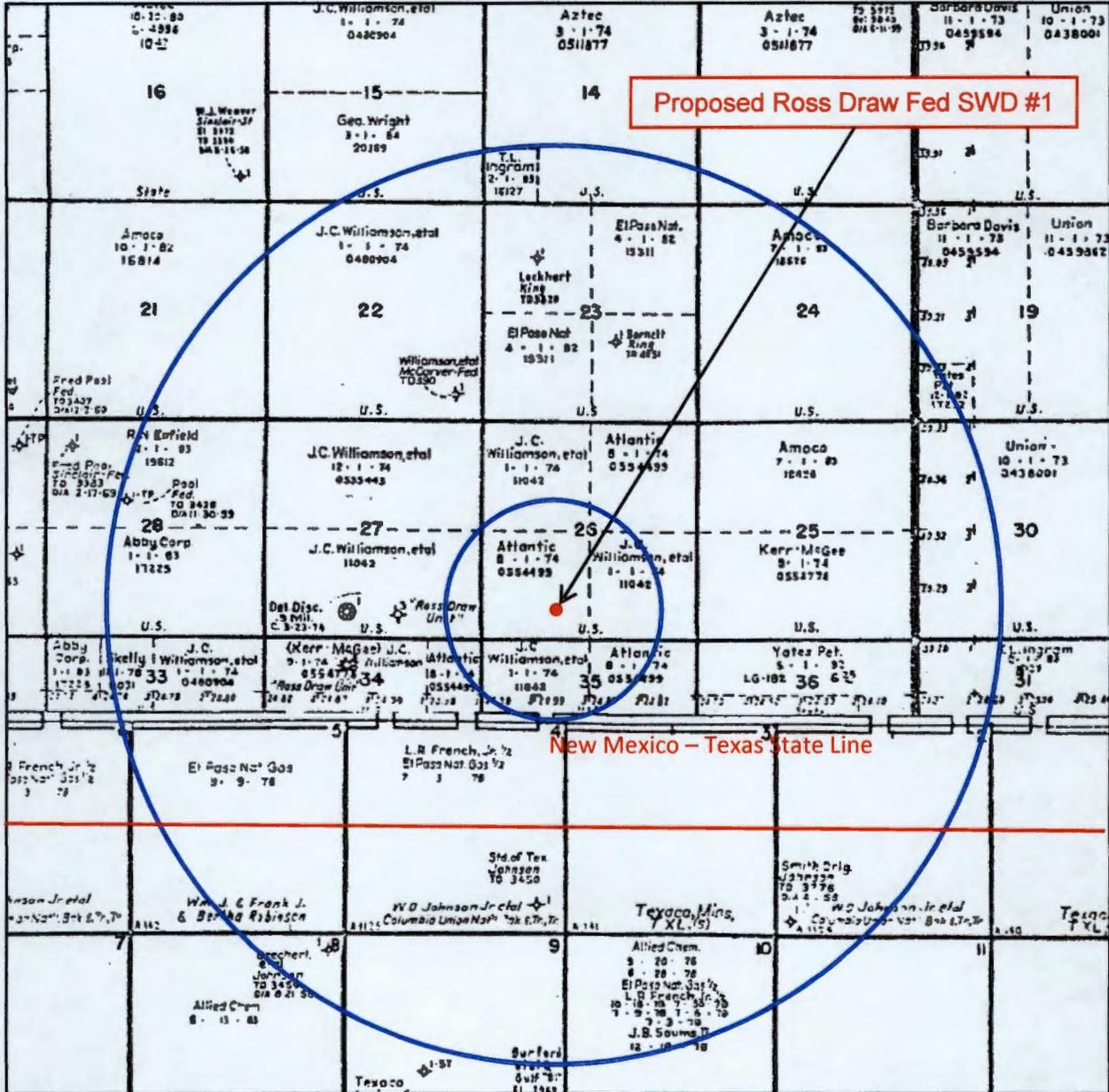
Drawing Not to Scale

Formation tops estimated  
based on offset wells

EXHIBIT "A"

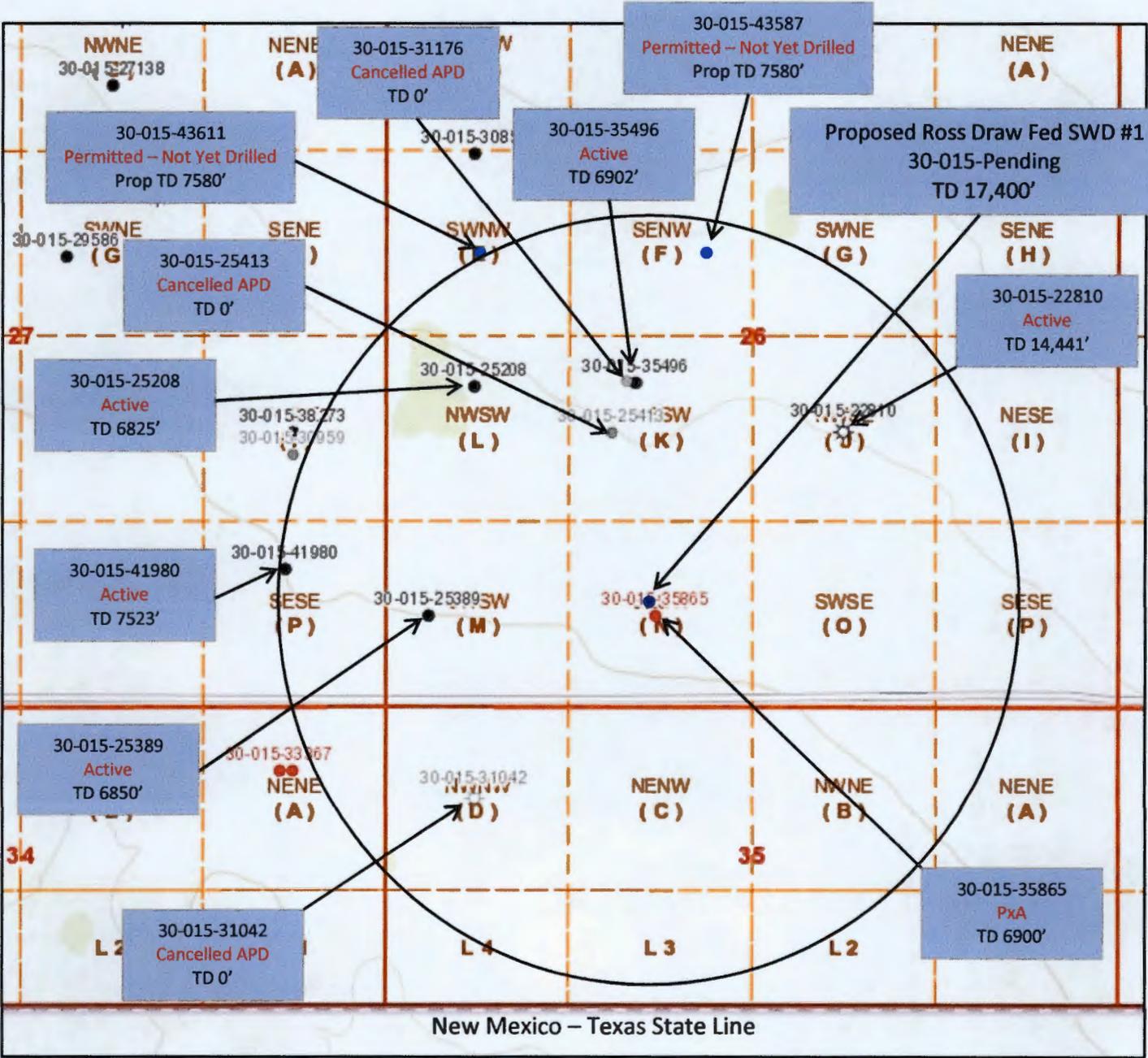


**Judah Oil, LLC**  
**Ross Draw Fed SWD #1**  
**API # 30-015-pending**  
**734 FSL X 1884 FWL**  
**UL 'N', Sec 26, T26S, R30E**  
**Eddy County, New Mexico**  
**0.5 Mile and 2 Mile AOR**



**EXHIBIT "B"**

Judah Oil, LLC  
 Ross Draw Fed SWD #1  
 API 30-015-Pending  
 734 FSL x 1884 FWL, UL 'N', Sec 26, T26S, R30E  
 0.5 Mile AOR



Source - NMOCD GIS Map

EXHIBIT "C"

**Judah Oil, LLC**  
**Ross Draw Fed SWD #1**  
**API # 30-015-pending**  
**Offset Wells within 0.5 Mile AOR**

There are no offset wells within the 0.5 mile AOR that penetrate the proposed disposal zone.

UL, Sec, T, R	API Well No.	Well Name	TVD	Status
None				

There are six offset wells within the 0.5 mile AOR that do not penetrate the proposed disposal zone.

UL, Sec, T, R	API Well No.	Well Name	TVD	Status
J-26-26S-30E	30-015-22810	Ross Draw Unit #7	14,441'	Active producer - Delaware formation <sup>1</sup>
K-26-26S-30E	30-015-35496	Ross Draw Unit #25	6902'	Active producer - Delaware formation
L-26-26S-30E	30-015-25208	Ross Draw Unit #14	6825'	Active producer - Delaware formation
M-26-26S-30E	30-015-25389	Ross Draw Unit #15	6850'	Active producer - Delaware formation
N-26-26S-30E	30-015-35865	Ross Draw Unit #28	6900'	Drilled in 2007, plugged in 2014
P-27-26S-30E	30-015-41980	Ross Draw Unit #61	7523'	Active producer - Delaware formation

There are three offset wells within the 0.5 mile AOR that have cancelled APDs and were never drilled.

UL, Sec, T, R	API Well No.	Well Name	TVD	Status
K-26-26S-30E	30-015-25413	Ross Draw Unit #16	0'	APD cancelled, well never drilled
K-26-26S-30E	30-015-31176	Ross Draw Unit #25	0'	APD cancelled, well never drilled
D-35-26S-30E	30-015-31042	Ross Draw Unit #24	0'	APD cancelled, well never drilled

There are two offset wells within the 0.5 mile AOR that have been permitted, but have not been drilled. Proposed TD's on these two wells do not penetrate the proposed disposal zone.

UL, Sec, T, R	API Well No.	Well Name	Proposed TVD	Status
E-26-26S-30E	30-015-43611	Ross Draw Unit #63	7580'	APD approved 1/25/16, expires 1/25/18
F-26-26S-30E	30-015-43587	Ross Draw Unit #64	7580'	APD approved 12/21/15, expires 12/21/17

<sup>1</sup> Well was originally drilled as a Wolfcamp test. Wolfcamp was dry hole, well was recompleted as a Delaware producer.



**Judah Oil, LLC  
 Ross Draw Fed SWD #1  
 API # 30-015-pending  
 Unit Letter 'N', Section 26, T26S, R30E  
 Eddy County, New Mexico**

Formation Water			
<u>API Number</u>	<u>Formation</u>	<u>TDS</u>	<u>Chlorides</u>
30-015-03979	Devonian	63,260	34,400
30-015-10280	Devonian	229,706	136,964

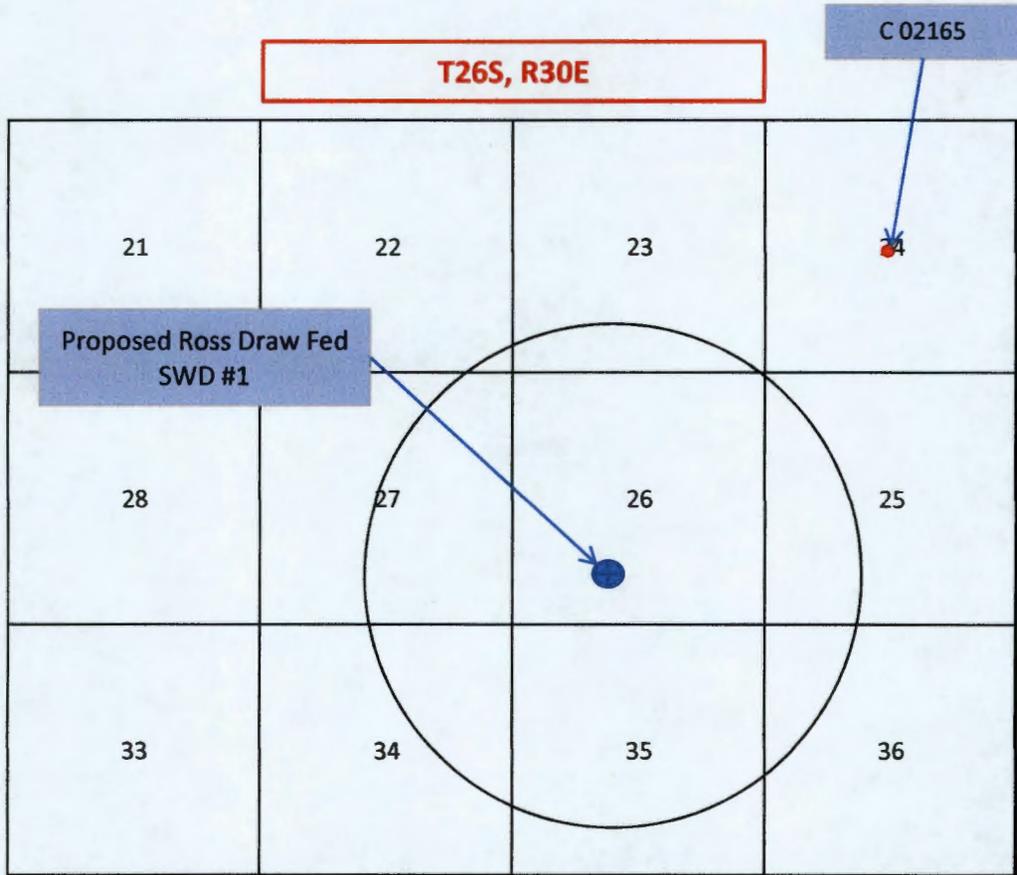
Possible Disposal Fluid			
<u>API Number</u>	<u>Formation</u>	<u>TDS</u>	<u>Chlorides</u>
30-015-23307	Delaware - Brushy Cyn	26,932	22,500
30-015-04776	Delaware - Bell Cyn	156,733	98,120
30-015-42113	Bone Spring	94,518	58,782
30-015-37626	Avalon	129,595	76,682
30-015-42688	Wolfcamp	81,366	50,281

Data obtained from GO-Tech NMWAIDS data base.



EXHIBIT "D"

Judah Oil, LLC  
Ross Draw Fed SWD #1  
API # 30-015-pending  
1 Mile AOR for Water Wells



According to OSE records, there are no fresh water wells within 1 mile of the proposed Ross Draw Fed SWD #1



Exhibit "E"



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

(A CLW#### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced,  
O=orphaned,

C=the file is closed) (quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters) (in feet)

POD Number	POD		Q Q Q				X	Y	Depth Well	Depth Water	Water Column
	Sub-Code	basin	County	64	16	4					
C 02165	C	ED	24	26S	30E	610036	3544121*	440	180	260	

Average Depth to Water: 180 feet

Minimum Depth: 180 feet

Maximum Depth: 180 feet

Record Count: 1

PLSS Search:

Section(s): 22, 23, 24, 25, 26, 27, 34, 35, 36      Township: 26S      Range: 30E

\*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSEASC and is accepted by the recipient with the expressed understanding that the OSEASC makes no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

6/20/17 2:38 PM

Page 1 of 1

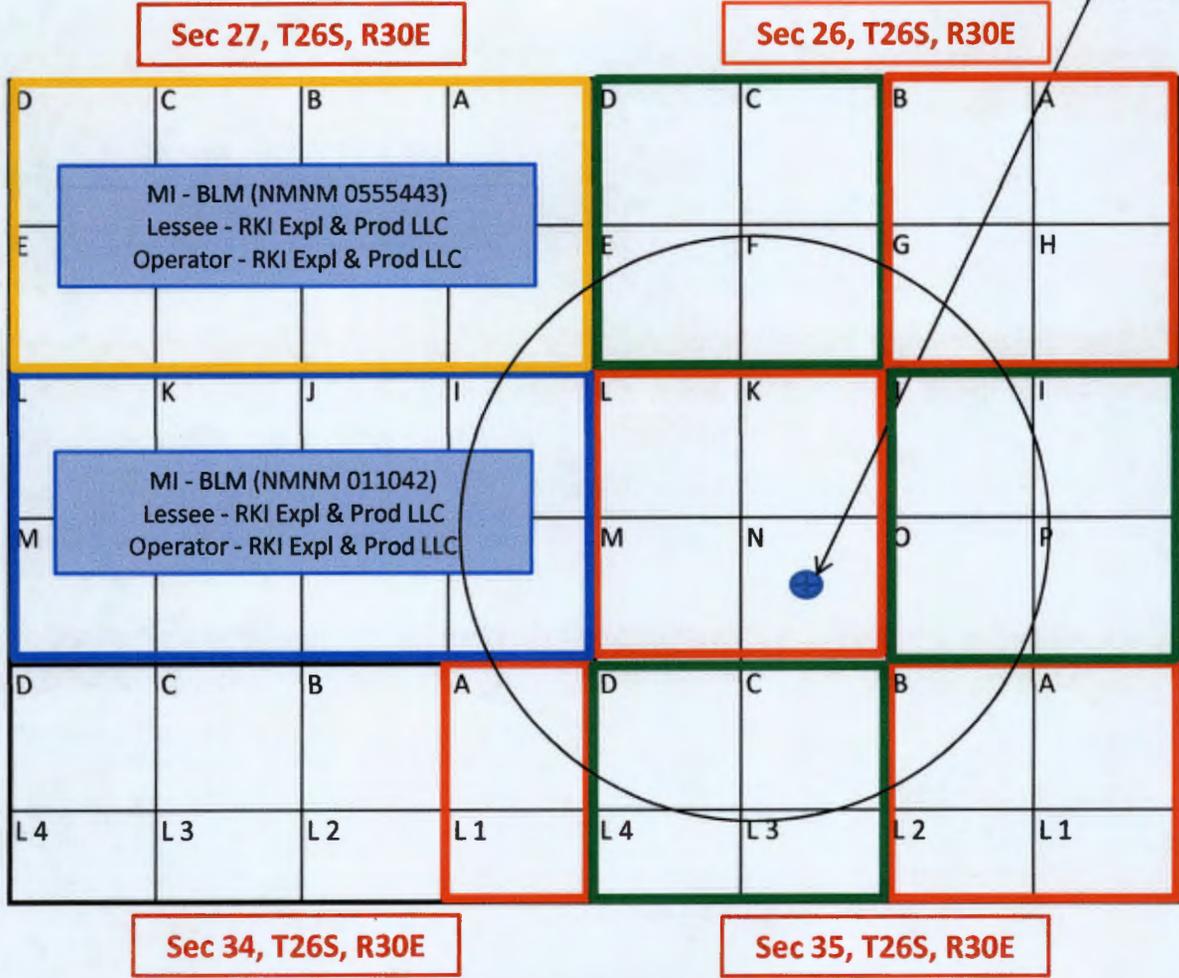
WATER COLUMN/ AVERAGE  
DEPTH TO WATER

EXHIBIT "E"



Judah Oil, LLC  
 Ross Draw Federal SWD #1  
 API # 30-015-Pending  
 0.5 Mile AOR

Proposed Ross Draw  
 Federal SWD #1



Red Outline  
 MI - BLM (NMNM 0554499)  
 Lessee - Marshall & Winston Inc  
 Operator - RKI Expl & Prod LLC

Green Outline  
 MI - BLM (NMNM 011042)  
 Lessee - RKI Expl & Prod LLC  
 Operator - RKI Expl & Prod LLC

This location 734 FSL X 1884 FWL  
 Surface Owner - US Dept of Interior (BLM)  
 Drawing not to scale

**EXHIBIT "F"**



Judah Oil, LLC  
 Ross Draw Fed SWD #1  
 API #30-015-pending

**EXHIBIT 'F' - NOTIFICATION LIST**

#	NAME	ADDRESS	CITY STATE ZIP	TYPE
1	United States Dept of Interior Bureau of Land Management	620 E. Greene Street	Carlsbad, NM 88220	Surface Owner

**Section 26, T26S, R30E, NMPM (ULs A, B, G, H, K, L, M, N)**

#	NAME	ADDRESS	CITY STATE ZIP	TYPE
1	United States Dept of Interior Bureau of Land Management	620 E. Greene Street	Carlsbad, NM 88220	Mineral Owner
2	RKI Exploration & Production, LLC	3500 One Williams Center, MD35	Tulsa, OK 74172	Operator

**Section 26, T26S, R30E, NMPM (ULs C, D, E, F, I, J, O, P)**

#	NAME	ADDRESS	CITY STATE ZIP	TYPE
1	United States Dept of Interior Bureau of Land Management	620 E. Greene Street	Carlsbad, NM 88220	Mineral Owner
2	RKI Exploration & Production, LLC	3500 One Williams Center, MD35	Tulsa, OK 74172	Operator

**Section 27, T26S, R30E, NMPM (UL H)**

#	NAME	ADDRESS	CITY STATE ZIP	TYPE
1	United States Dept of Interior Bureau of Land Management	620 E. Greene Street	Carlsbad, NM 88220	Mineral Owner
2	RKI Exploration & Production, LLC	3500 One Williams Center, MD35	Tulsa, OK 74172	Operator

**Section 27, T26S, R30E, NMPM (ULs I, P)**

#	NAME	ADDRESS	CITY STATE ZIP	TYPE
1	United States Dept of Interior Bureau of Land Management	620 E. Greene Street	Carlsbad, NM 88220	Mineral Owner
2	RKI Exploration & Production, LLC	3500 One Williams Center, MD35	Tulsa, OK 74172	Operator

**Section 34, T26S, R30E, NMPM (UL A)**

#	NAME	ADDRESS	CITY STATE ZIP	TYPE
1	United States Dept of Interior Bureau of Land Management	620 E. Greene Street	Carlsbad, NM 88220	Mineral Owner
2	RKI Exploration & Production, LLC	3500 One Williams Center, MD35	Tulsa, OK 74172	Operator

**Section 35, T26S, R30E, NMPM (ULs A, B)**

#	NAME	ADDRESS	CITY STATE ZIP	TYPE
1	United States Dept of Interior Bureau of Land Management	620 E. Greene Street	Carlsbad, NM 88220	Mineral Owner
2	RKI Exploration & Production, LLC	3500 One Williams Center, MD35	Tulsa, OK 74172	Operator

**Section 35, T26S, R30E, NMPM (ULs C, D, L3, L4)**

#	NAME	ADDRESS	CITY STATE ZIP	TYPE
1	United States Dept of Interior Bureau of Land Management	620 E. Greene Street	Carlsbad, NM 88220	Mineral Owner
2	RKI Exploration & Production, LLC	3500 One Williams Center, MD35	Tulsa, OK 74172	Operator

**EXHIBIT "F"**

Judah Oil, LLC  
Ross Draw Fed SWD #1  
API #30-015-pending

**EXHIBIT 'F' - NOTIFICATION LIST**

**NMOCD Notices**

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

**EXHIBIT "F"**

Date: June 26, 2017

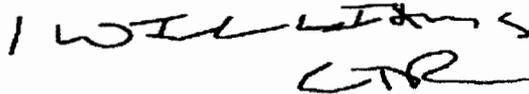
Danny Holcomb:

The following is in response to your June 26, 2017 request for delivery information on your Certified Mail™ item number 70151730000222122919. The delivery record shows that this item was delivered on June 26, 2017 at 9:34 am in TULSA, OK 74172. The scanned image of the recipient information is provided below.

Signature of Recipient :



Address of Recipient :



Thank you for selecting the Postal Service for your mailing needs.

If you require additional assistance, please contact your local Post Office or postal representative.

Sincerely,  
United States Postal Service

7015 1730 0002 2212 2919

U.S. Postal Service <b>CERTIFIED MAIL RECEIPT</b> Domestic Mail Only	
For delivery information, visit our website at <a href="http://www.usps.com">www.usps.com</a>	
TULSA, OK 74172	
Certified Mail Fee	\$5.35
Extra Services & Fees (check box, add to postage)	
<input type="checkbox"/> Return Receipt (hardcopy)	
<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	\$1.61
Total Postage and Fees	\$6.96
Sent To	RKI Exploration & Production, LLC
Street and Apt. No.	3500 One Williams Center, MD35
City, State, ZIP+4®	Tulsa, OK 74172
PS Form 3800, 06/16	



Date: June 26, 2017

Danny Holcomb:

The following is in response to your June 26, 2017 request for delivery information on your Certified Mail™ item number 70151730000222122940. The delivery record shows that this item was delivered on June 26, 2017 at 12:14 pm in CARLSBAD, NM 88220. The scanned image of the recipient information is provided below.

Signature of Recipient :



Address of Recipient :



Thank you for selecting the Postal Service for your mailing needs.

If you require additional assistance, please contact your local Post Office or postal representative.

Sincerely,  
United States Postal Service

U.S. Postal Service	
<b>CERTIFIED MAIL RECEIPT</b>	
Domestic Mail Only	
For delivery information visit our website at <a href="http://www.usps.com">www.usps.com</a>	
CARLSBAD, NM 88220	
<b>OFFICIAL USE</b>	
Certified Mail Fee	\$3.35
Extra Services & Fees (check box, add fee)	
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.35
<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	\$1.61
Total Postage and Fees	\$5.31
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
PS Form 3800, July 2011	

7015 1730 0002 2212 2940

U.S. POSTAL SERVICE  
MARILLO, TX 75124  
JUN 26 2017  
Postmark Here



Date: June 26, 2017

Danny Holcomb:

The following is in response to your June 26, 2017 request for delivery information on your Certified Mail™ item number 70151730000222122933. The delivery record shows that this item was delivered on June 26, 2017 at 12:25 pm in ARTESIA, NM 88210. The scanned image of the recipient information is provided below.

Signature of Recipient :

Address of Recipient :

Thank you for selecting the Postal Service for your mailing needs.

If you require additional assistance, please contact your local Post Office or postal representative.

Sincerely,  
United States Postal Service

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

7015 1730 0002 2312 2933

ARTEZIA NM 88210

**OFFICIAL USE**

Certified Mail Fee \$3.35

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

<input type="checkbox"/> Return Receipt (hardcopy)	\$ 1.00
<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 \$1.01

Total Postage and Fees \$4.36

Sent To State of New Mexico  
 NMOC District Office  
 Street and Apt. No. 811 S. First Street  
 City, State, ZIP+4® Artesia, NM 88210

U.S. POSTAL SERVICE  
 JUN 26 2017  
 ARTEZIA, NM 88210

1234567890101112

PS Form 3800, April 2012

Pueblo West, LLC  
6900 Spring Cherry Lane  
Amarillo, Texas 79124

June 30, 2017

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

Re: Judah Oil, LLC C-108 Application (Authority to Inject)  
Ross Draw Federal SWD #1 (API #30-015-pending)  
Unit Letter "N", Section 26, T26S, R30E, Eddy County, New Mexico

Gentlemen,

Attached are two copies of NMOCD form C-108 application from Judah Oil, LLC requesting NMOCD administrative approval for authority to inject produced water into the Devonian formation at the above referenced pending new well. The original newspaper AOP is attached to his cover letter. Copies of the AOP are included in the application package. The date of the last notification is June 26<sup>th</sup>.

If you have any questions regarding this application, please contact me as noted below.

Sincerely,



Danny J. Holcomb  
Agent for Judah Oil, LLC  
Email: [danny@pwillc.net](mailto:danny@pwillc.net)  
Cell: 806-471-5628

Attachments



[www.pwillc.net](http://www.pwillc.net)

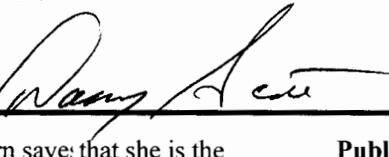
# Affidavit of Publication

No. 24339

State of New Mexico

County of Eddy:

**Danny Scott**



being duly sworn say: that she 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	<u>June 23, 2017</u>
Second Publication	_____
Third Publication	_____
Fourth Publication	_____
Fifth Publication	_____
Sixth Publication	_____

Subscribed and sworn before me this 23rd day of June 2017



OFFICIAL SEAL  
Latisha Romine  
NOTARY PUBLIC-STATE OF NEW MEXICO

My commission expires: 5/12/2019



Latisha Romine  
Notary Public, Eddy County, New Mexico

# Copy of Publication:

Judah Oil, LLC, PO Box 568, Artesia, NM 88211 has filed form C108 (Application for Authorization to Inject) with the New Mexico Oil Conservation Division seeking administrative approval to inject into a proposed salt water disposal well named the Ross Draw Federal SWD #1, API 30-015-pending, 734 FSL x 1884 FWL, Unit Letter "N", Section 26, T26S, R30E, Eddy County, New Mexico. The proposed disposal interval would be the Devonian formation through open-hole completion between 16,000' - 17,400'. Disposal fluid would be produced water from producing oil and gas wells in the area. Anticipated average disposal volume is 15,000 BWPD with a maximum anticipated volume of 20,000 BWPD. Anticipated average disposal pressure is 1600 psi with a maximum disposal pressure of 3200 psi. The well is located approximately 19 miles southeast of Malaga, 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., June 23, 2017 Legal No. 24339.



# 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.

**PLSS Search:**

Section(s): 25-27, 34-36      Township: 26S      Range: 30E

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.

7/18/17 1:27 PM

WATER COLUMN/ AVERAGE  
DEPTH TO WATER



**C-108 Review Checklist:** Received 7/05/2017 Add Request \_\_\_\_\_ Reply Date: \_\_\_\_\_ Suspended: \_\_\_\_\_ [Ver 15]

ORDER TYPE: WFX / PMX / **(SWD)** Number: \_\_\_\_\_ Order Date: \_\_\_\_\_ Legacy Permits/Orders: \_\_\_\_\_

Well No. 1 Well Name(s): ROSS Down Federal SWs

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

Footages 784 FSL 1844 FWL SE / MA 19A Lot \_\_\_\_\_ or Unit N Sec 24 Tsp 263 Rge 30E County Eddy

General Location: 23 miles SE MA 19A Pool: SWD, Devonian Pool No.: \_\_\_\_\_

BLM 100K Map: JA1 Operator: Jude Oil, LLC OGRID: 245872 Contact: Denny HOLLUMS, Agent

COMPLIANCE RULE 5.9: Total Wells: 31 Inactive: 0 Fincl Assu: MA Compl. Order: MA IS 5.9 OK? X Date: 7-21-2017

WELL FILE REVIEWED  Current Status: Proposed

WELL DIAGRAMS: NEW: Proposed  or RE-ENTER: Before Conv.  After Conv.  Logs in Imaging: N/A

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

Well Construction Details	Sizes (in) Borehole / Pipe	Setting Depths (ft)	Cement Sx or Cf	Cement Top and Determination Method
Planned ___ or Existing ___ Surface	<u>26"/20"</u>	<u>500'</u>	<u>900</u>	<u>Surface / VisGel</u>
Planned ___ or Existing ___ Interm/Prod	<u>17 1/2"/13 1/4"</u>	<u>3600'</u>	<u>1550</u>	<u>Surface / VisGel</u>
Planned ___ or Existing ___ Interm/Prod	<u>12 1/4"/9 5/8"</u>	<u>11000</u>	<u>37W</u>	<u>Surface / VisGel</u>
Planned ___ or Existing ___ Prod/Liner	<u>8 3/4"/7 5/8"</u>	<u>16000</u>	<u>530</u>	<u>10700 LBL</u>
Planned ___ or Existing ___ Liner				
Planned ___ or Existing ___ <b>(OH) / PERF</b>	<u>16000</u> <u>17400</u>		<u>Inj Length</u> <u>1400'</u>	

Injection Lithostratigraphic Units:	Depths (ft)	Injection or Confining Units	Tops	Completion/Operation Details:
Adjacent Unit: Litho. Struc. Por.		<u>DV</u>	<u>16000</u>	Drilled TD <u>17400</u> PBTD _____
Confining Unit: Litho. Struc. Por.				NEW TD _____ NEW PBTD _____
<b>Proposed Inj Interval TOP:</b>				NEW Open Hole <input checked="" type="radio"/> or NEW Perfs <input type="radio"/>
<b>Proposed Inj Interval BOTTOM:</b>				Tubing Size <u>4 1/2</u> in. Inter Coated? _____
Confining Unit: Litho. Struc. Por.				Proposed Packer Depth <u>15900</u>
Adjacent Unit: Litho. Struc. Por.				Min. Packer Depth <u>15900</u> (100-ft limit)
				Proposed Max. Surface Press. <u>3200</u> psi
				Admin. Inj. Press. <u>3200</u> (0.2 psi per ft)

**AOR: Hydrologic and Geologic Information**

POTASH: R-111-P \_\_\_\_\_ Noticed? \_\_\_\_\_ BLM Sec Ord  WIPP  Noticed? \_\_\_\_\_ Salt/Salado T: 552 B: 300 NW: Cliff House fm \_\_\_\_\_

FRESH WATER: Aquifer MA Max Depth MA HYDRO AFFIRM STATEMENT By Qualified Person

NMOSE Basin: CANSA CAPITAN REEF: thru adj NA No. Wells within 1-Mile Radius? \_\_\_\_\_ FW Analysis \_\_\_\_\_

Disposal Fluid: Formation Source(s) WULFERT Analysis? X On Lease  Operator Only  or Commercial

Disposal Int: Inject Rate (Avg/Max BWPD): 150/200 Protectable Waters? MA Source: \_\_\_\_\_ System: **(Closed)** or Open

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

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

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

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

NOTICE: Newspaper Date Jan 23rd Mineral Owner BLM Surface Owner BLM N. Date 6-26-2017

RULE 26.7(A): Identified Tracts? X Affected Persons: PKZ N. Date 6-26-2017

Order Conditions: Issues: nan WBL 500' on top of Liner to base Liner

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