

**STATE OF NEW MEXICO  
DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES  
OIL CONSERVATION DIVISION**

**APPLICATION OF DEVON ENERGY  
PRODUCTION COMPANY, L.P. FOR  
APPROVAL OF A SALT WATER  
DISPOSAL WELL, EDDY COUNTY,  
NEW MEXICO.**

**CASE NO.** \_\_\_\_\_

**APPLICATION**

Devon Energy Production Company, L.P. ("Devon") (OGRID 6137), through its undersigned attorneys, hereby files this application with the Oil Conservation Division pursuant to the provisions of NMSA 1978, § 70-2-12(B)(15), for an order authorizing injection of produced salt water for purposes of disposal. In support of this application, Devon states:

1. Attached is a complete Form C-108 application for authorization to inject which contains all the information necessary to authorize the requested approval to inject and filed with the Division for administrative approval on July 19, 2019. *See* C-108, attached as **Exhibit A**, and incorporated herein.

2. Devon proposes to drill a new salt water disposal well to be named **Sand 18 Federal No. 001 Well** (API No. 30-025-25017), which will be located 1,980 feet from the north line and 660 feet from the east line (Unit H), Section 18, Township 23 South, Range 32 East, NMPM, Lea County, New Mexico.

3. The proposed injection disposal interval will be within the Devonian/Silurian and Fusselman formations [SWD; Devonian (Pool Code 96101)] between 16,700 feet and 18,000 feet below the ground through an open-hole completion.

4. Disposal fluid will be produced salt water from oil and gas wells in the area producing from the Delaware, Leonard, Bone Spring, and Wolfcamp formations.

5. The estimated average surface injection pressure is expected to be approximately 3,340 psi. The maximum surface injection pressure will be 3,340 psi.

6. The granting of this application will avoid the drilling of unnecessary wells, will prevent waste, and will protect correlative rights.

7. The administrative application was protested. Accordingly, Devon hereby requests that its application be set for hearing pursuant to 19.15.26.8(E) NMAC.

WHEREFORE, Devon Energy Production Company, L.P. requests that this application be set for hearing before an Examiner of the Oil Conservation Division on November 14, 2019, and, after notice and hearing as required by law, the Division enter an order approving this application.

Respectfully submitted,

HOLLAND & HART LLP

By:   
Michael H. Feldewert  
Adam G. Rankin  
Julia Broggi  
Kaitlyn A. Luck  
Post Office Box 2208  
Santa Fe, New Mexico 87504-2208  
(505) 988-4421  
(505) 983-6043 Facsimile  
mfeldewert@hollandhart.com  
agrarkin@hollandhart.com  
jbroggi@hollandhart.com  
kaluck@hollandhart.com

**ATTORNEYS FOR DEVON ENERGY PRODUCTION  
COMPANY, L.P.**

**CASE \_\_\_\_\_: Application of Devon Energy Production Company, L.P. for Approval of a Salt Water Disposal Well, Lea County, New Mexico.** Applicant in the above-styled cause seeks an order authorizing it to drill and operate an injection well for purposes of disposing produced salt water to be named the **Sand 18 Federal No. 001 Well** (API No. 30-025-25017), which will be located 1,980 feet from the north line and 660 feet from the east line (Unit H), Section 18, Township 23 South, Range 32 East, NMPM, Lea County, New Mexico. Injection will be into the Devonian/Silurian and Fusselman formations [SWD; Devonian (Pool Code 96101)] between 16,700 feet and 18,000 feet below the ground through an open-hole completion. Disposal fluid will be produced water from producing oil and gas wells in the area. Estimated average injection pressure is expected to be approximately 3,340 psi. The maximum injection pressure will be 3,340 psi. The subject well will be located approximately 30 miles southwest of Eunice, N.M.

RECEIVED: <b>07/29/19</b>	REVIEWER:	TYPE: <b>SWD</b>	APP NO: <b>pLEL1921155208</b>
---------------------------	-----------	------------------	-------------------------------

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

**Applicant:** DEVON ENERGY PRODUCTION COMPANY, LP **OGRID Number:** [6137]  
**Well Name:** SAND 18 FEDERAL #001 **API:** 30-025-25017  
**Pool:** SWD;DEVONIAN **Pool Code:** [96101]

**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**

- ☐ Notice Complete  
☐ 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.**

Jenny Harms

Print or Type Name

Jenny Harms  
 Signature

7-19-2019

Date


405-552-6560

Phone Number

Jenny.harms@dv.com

e-mail Address

**APPLICATION FOR AUTHORIZATION TO INJECT**

- I. PURPOSE: Secondary Recovery Pressure Maintenance X Disposal Storage  
Application qualifies for administrative approval? X Yes No
- II. OPERATOR: DEVON ENERGY PRODUCTION CO., L.P.  
ADDRESS: 333 WEST SHERIDAN AVE, OKLAHOMA CITY, OK 73102  
CONTACT PARTY: JENNY HARMS PHONE: 405-552-6560
- 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. **Exhibit A**
- 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. **Exhibit B: No wells within 1/2 mile penetrate the inj/disp zone**
- VII. Attach data on the proposed operation, including: **Exhibit C**
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.). **Exhibit D**
- \*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. **Exhibit C**
- IX. Describe the proposed stimulation program, if any. **Exhibit C**
- \*X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted). **Exhibit C**
- \*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. **Exhibit C**
- 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. **Exhibit C**
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form. **Exhibit C & H**
- 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: Jenny Harms TITLE: Regulatory Specialist  
SIGNATURE:  DATE: 7-19-2019  
E-MAIL ADDRESS: Jenny.harms@dmr.com
- \* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: \_\_\_\_\_

### III. WELL DATA

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

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

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

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

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

### XIV. PROOF OF NOTICE **Exhibit H**

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

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

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

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

---

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

## Exhibit C-1

### Proposed Injection Well: SAND 18 FEDERAL No. 001

API: 30-025-25017

APPLICATION FOR INJECTION

Form C-108 Section III

### III. Well Data--On Injection Well

#### A. Injection Well Information

- (1) Lease SAND 18 FEDERAL  
Well No #1  
Location 1980' FNL & 660' FEL  
Sec,Twn,Rnge Sec 18-T23S-R32E  
Cnty, State Lea County, NM
- (2) Casing 13-3/8", 68#, K55, @ 625'  
Cmt'd w/700 sx to surface  
  
10-3/4", 40.5#, N80, @ 4650'  
Cmt'd w/ 2200 sx to surface  
  
7-5/8", 33.7#, S95 @ 12720'  
Cmt'd w/3050 sx to surface  
  
5.5", 20#, P110 @ 16700'  
Cmt'd w/537 sx, TOC @ 1100
- (3) Injection Tubing 3-1/2, Injection tubing, @  
16596'
- (4) Packer 5-1/2" Packer @ 16596'

#### B. Other Well Information

- (1) Injection Formation: Devonian/Silurian and Fusselman formations  
Field Name: SWD-Devonian
- (2) Injection Interval: Open-hole:  
Devonian/Silurian: 16700-17400 Fusselman:  
17400-18000

(3) Original Purpose of Wellbore:

Oil & Gas producer

(4) Other perforated intervals:

Delaware: 7225-7452, sqzd w/300 sx H., Delaware: 7438-7452, sqzd w/200 sx H., Delaware:  
7438-7452, sqzd w/200 sx H (csg leak), Bone Spring: 8713-8737, sqzd w/300 sx H

(5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well if any.

Formation tops: Rustler 1023'; Salado 1350'; Delaware 4665'; Bone Spring 8526'; Wolfcamp 11913'; Strawn 13636'; Atoka 13776'; Morrow 14913'; Mississippian 15486'; Woodford 16538'

## Exhibit C-2

**Proposed Injection Well: SAND 18 FEDERAL No. 001**  
**APPLICATION FOR INJECTION**  
**Form C-108 Section VII to XII**

**VII Attach data on the proposed operation, including:**

- (1) Proposed average injection rate: 18200 BWPD  
Proposed maximum injection rate: 18200 BWPD
- (2) The system will be a closed system.
- (3) Proposed average injection pressure: 3340 psi  
Proposed max injection pressure: 3340 psi
- (4) The injection fluid will be produced water from the Delaware, Leonard, Bone Spring, and Wolfcamp formations that will be injected into the Devonian/Silurian and Fusselman formations.
- (5) A representative water analysis is attached for sourced water from the Bone Spring and Delaware formations. **Exhibit D**

**VIII Geologic Injection Zone Data**

The injection zone is the Devonian/Silurian carbonate from 16700' to 17400' and Fusselman dolomite/carbonate from 17400' to 18000'. The well is not deep enough to encounter the Ordovician Montoya Formation. The gross injection interval is 1300' thick. The average depth to fresh water could not be determined in this area, as there are no fresh water wells located within a 2 mile, or greater, radius per New Mexico Office of the State Engineer web site.

**IX Proposed Stimulation**

Based on injectivity results this interval could be stimulated with ~20000 gals 15% HCl and 160,000# of sand.

**X Log Data**

Caliper, Gamma Ray, Porosity, Resistivity, Sonic, and Mud logs were ran by XTO and have been provided in the application. **Exhibit G**

**XI Fresh Water Analysis**

No fresh water wells were indicated within the vicinity of the proposed disposal well per New Mexico office of the State Engineer web site. The area search is included with this submittal.

**XII Geologic / Engineering Statement**

Devon Energy Production Co., L.P. (Devon) has examined the geologic data in connection with the Sand 18 Federal SWD #1 and has determined that there are no open faults or other hydrologic connections between the disposal zone and any underground drinking water/potable aquifers.

**XIII Proof of Notice**

Proof of notice to surface owner, and public legal notification are attached. **Exhibit H**



**FEDERAL SAND 18-1 SWD SOUTH EAST NEW MEXICO**

This map is for illustrative purposes only and is not a legally recorded map. It is not intended to be used as a basis for any legal action or to represent any interest in land.

GCS: North American 1983  
Datum: North American 1983; Units: Degree  
Created by: duncum2  
Map is current as of 4/30/2019

Scale: 1 in. = 0.6 miles

**Surface Location**

- Other
- Deviated Surface
- Oil Producing Well
- Gas Producing Well
- Injection Well
- Salt Water Disposal Well
- Shut In

**Buffer Distance**

- 5 mi
- 2 mi
- Drillable Leasehold

EXHIBIT B

PROJECT: SAND 18 FEDERAL 400L 30-025-25017  
AREA: 1/2 MILE RADIUS WELL TABLE

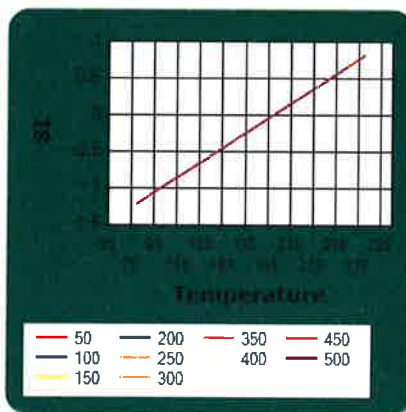
API	WELL NAME	WELL NUMBER	CURRENT OPERATOR	WELL STATUS	SURFACE LATITUDE NAME	SURFACE LONGITUDE NAME	BOTTOM HOLE LATITUDE NAME	BOTTOM HOLE LONGITUDE NAME	TD	FORMATION/PROB	INJECT DATE	EXPIRATION DATE	COUNTRY
3002035017	FEDERAL SAND 18 1 SAG	1 SAG	DEVCON ENERGY PRODUCTION CO LP	INJECTOR	33 30N 194W	105 20737E	0	0	15599	WORMTONG	4/15/2015 0:00	1/15/2016 0:00	USA
3002142982	SPRAY CAY 8 FIBERCOMP 14H	14H	DEVCON ENERGY PRODUCTION CO LP	PRODUCER	32 3123620E	105 203024W	33 30N 194W	105 203024W	15103	BONE SPRING	8/21/2014 0:00	8/20/2016 0:00	USA
3002333384	FOCAL CAY 18 FIBER	18	DEVCON ENERGY PRODUCTION CO LP	PRODUCER	33 30N 193E	105 204432E	33 30N 193E	105 204432E	15148	BONE SPRING	10/1/2014 0:00	9/30/2016 0:00	USA
3002545064	ALLEY CAY 17 FIBERCOMP 21EH	21EH	DEVCON ENERGY PRODUCTION CO LP	PRODUCER	32 3113019E	105 203030W	32 2923647E	105 203030W	15472	BONE SPRING	8/20/2014 0:00	8/21/2016 0:00	USA
3002545065	ALLEY CAY 17 FIBERCOMP 21EH	21EH	DEVCON ENERGY PRODUCTION CO LP	PRODUCER	33 3113042E	105 202464E	32 2923409	105 202464E	15535	BONE SPRING	8/15/2014 0:00	8/25/2016 0:00	USA

\*\* NO WELLS WITHIN 1/2 MILE PENETRATE THE INJECTION/EXPOSAL ZONE

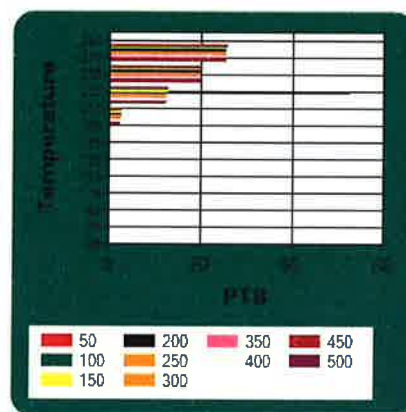
# Water Analysis Report

Company:	Devon
Lease Name:	Ragin Cajun
Well/Unit Name:	Ragin Cajun 14-1H
Sample Location:	well head
LabID:	CWA-20867
Sample Date:	11/08/2017
Test Date:	11/10/2017
Sample ID:	20501
Calcium-Ca: (mg/L)	21619
Magnesium-Mg: (mg/L)	3718
Barium-Ba: (mg/L)	3
Strontium-Sr: (mg/L)	1229
Sodium-Na (mg/L calculated):	74010
Iron-Fe: (mg/L)	43
Manganese-Mn: (mg/L)	4.2
Potassium-K: (mg/L)	
Chlorides-Cl: (mg/L)	163909
Sulfates-SO4: (mg/L)	345
Bicarbonates-HCO3: (mg/L)	73
CO2 in brine (mg/L)	352
H2S in brine (mg/L)	0
Dissolved Oxygen-O2 (ppm):	
Total Hardness (as CaCO3):	69348
Total Dissolved Solids (mg/L):	264952.9
Resistivity (ohms/m):	.02
pH	5.3
Specific Gravity (g/mL):	1.169
<b>System Conditions</b>	
Temperature (°F):	80
Pressure (psi):	120
Ionic Strength:	5.34
CO2 in Gas:	(mol%): (ppm):
H2S in Gas Tubing (ppm):	
H2S in Gas Casing (ppm):	
<b>Scale Type</b>	
Calcite SI:	-1.2
Barite SI:	.5
Gypsum SI:	-.53
Hemihydrate SI:	-.54
Anhydrite SI:	-.3
Celestite SI:	.43

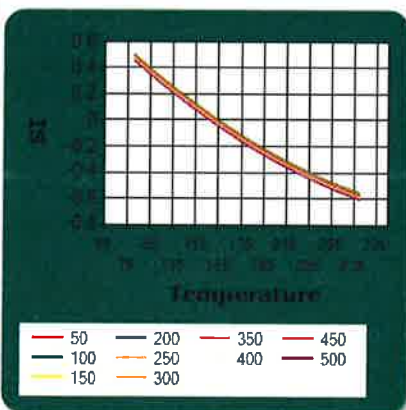
Calcite SI



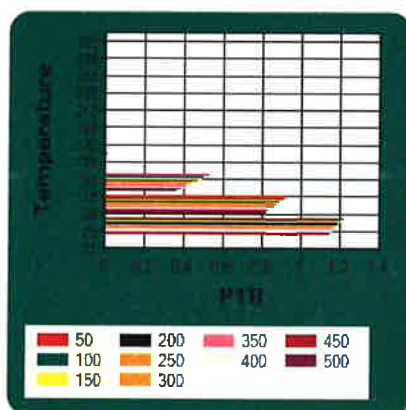
Calcite PTB



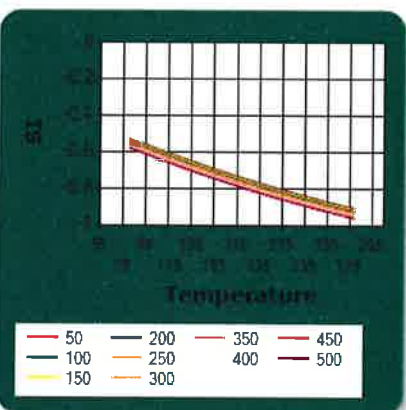
Barite SI



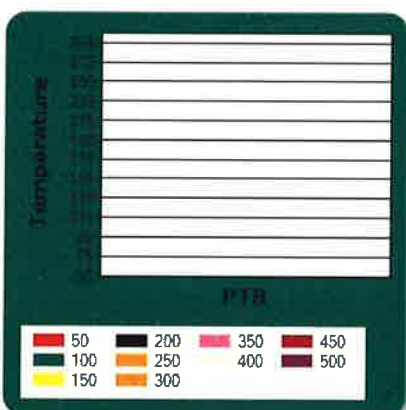
Barite PTB



Gypsum SI



Gypsum PTB



SI	Saturation Index Interpretation
<0.0	Undersaturated for this scale type; non-scaling
0.0-0.5	Slightly supersaturated; likelihood for scale formation is marginal
0.5-1.0	Scale is likely to occur, but should not be severe
1.0-2.0	Scale almost certain to occur, should be strongly scaling
>2.0	Severe scaling situation

Comments:

AEGISCHEMICAL\jornelas



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

No records found.

**Basin/County Search:**

**Basin:** Lea County

**County:** Lea

**PLSS Search:**

**Section(s):** 12, 13, 24

**Township:** 23S

**Range:** 31E





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

No records found.

**Basin/County Search:**

**Basin:** Lea County

**County:** Lea

**PLSS Search:**

**Section(s):** 7-8, 17-20

**Township:** 23S

**Range:** 32E

# Exhibit G

## DEVON ENERGY PRODUCTION COMPANY LP

Well Name: Sand 18 Federal 1		Field: SWD-DEVONIAN	
Location: 1980' FNL & 660' FEL; Sec 18, T23S, R32E		County: LEA	State: NM
Elevation: 3602' GL		Spud Date: 8/25/2015	Compl Date: 01/19/16
API#: 30-025-25017	Prepared by: Clifton Harlin	Date: 5/6/19	Rev:

17-1/2" Hole

13-3/8", 68#, K55 @ 625'

Cmt'd w/ 700 sxs. Cmt to surf.

ETOC on 5-1/2" @ 1100'

12-1/4" Hole

10-3/4", 40.5#, N80, @ 4,650'

Cmt'd w/ 4650 sx

9-1/2" Hole

7-5/8", 33.7#, S95 @ 12,720'

Cmt'd w/ 3050 sxs

6-1/2" Hole

5-1/2", 20#, P110 @ 16,700'

Cmt'd w/ 537 sxs

**DEVONIAN - SWD INJECTION ZONE**

Open Hole 16,700' - 18,000'

3-1/2" Tubing

5-1/2" Packer @ 16,596'

2-3/8" x 8' sub

2-3/8", 1.87 R Nipple

4-3/4" Open hole

TD @ 18,000'

## Affidavit of Publication

STATE OF NEW MEXICO  
COUNTY OF LEA

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

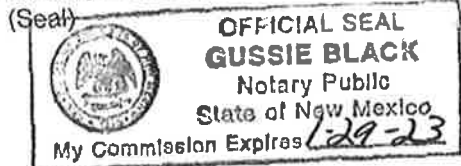
Beginning with the issue dated  
July 23, 2019  
and ending with the issue dated  
July 23, 2019.

  
Publisher

Sworn and subscribed to before me this  
23rd day of July 2019.

  
Business Manager

My commission expires  
January 29, 2023



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

**LEGALS**

**LEGAL NOTICE**  
JULY 23, 2019

Devon Energy Production Company, LP, 333 West Sheridan Ave., Oklahoma City, OK 73102 has filed form C-108 (Application for Authorization to Inject) with the New Mexico Oil Conservation Division seeking administrative approval for an injection well. The proposed well, the Sand 18 Federal #1 (30-025-25017), is located 1980 FNL, 660 FEL, Section H-18, T23S, R32E Lea County, New Mexico.

The applicant proposes to permit a salt water disposal well into a non-productive zone (Devonian) in the SDE 18 Lease. Fluid will be disposed into strata in the subsurface depth interval 16,700'-18,000' with a maximum injection rate of 18,200 BWPD and pressure of 3340 PSI.

All interested parties must file objections to this must give notice in writing to the Oil Conservation Division, 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505, within (15) days of this notice. Any interested party with questions or comments may contact Josh Brushing at Devon Energy Production Co., L.P., 333 West Sheridan Ave., Oklahoma City, OK 73102, or call (405) 235-3611.  
#34477

67106744

00231118

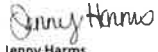
ACCOUNTS PAYABLE - LEGALS  
DEVON ENERGY  
PO BOX 3198  
OKLAHOMA CITY, OK 73102-3198

Exhibit H  
Page 2 of 2

**Exhibit H**

	NAME	MAILING ADDRESS	CITY	STATE	ZIP	Certified Mailing
Surface Owner:	Bureau of Land Management	620 E Green Street	Carlsbad	NM	88220-6292	9414 8149 0152 7181 7162 30
Grazing Lessee:	Hughes Properties LLC	P.O. Box 5097	Carlsbad	NM	88221	9414 8149 0152 7181 7162 47
Offset Operators within 1/2 mile radius(Active wells):	Foundation Energy	15 E. St. Suite 1200	Tulsa	OK	74103	9414 8149 0152 7181 7162 54
Mineral Owership:	Occidental Permian Limited Partnership	580 Westlake Park Blvd	HOUSTON	TX	77079	9414 8149 0152 7181 7162 61
Mineral Owership:	EOG M Resources, Inc. & EOG Resources Assets LLC	105 S. 4th St.	ARTESIA	NM	88210	9414 8149 0152 7181 7162 78
Mineral Owership:	Sharbro Energy, LLC	P.O. Box 840	ARTESIA	NM	88211	9414 8149 0152 7181 7162 85
Confirmation of Geologic Data:	Oil Conservation Division	1220 South St. Francis Drive	Santa Fe	NM	87505	9414 8149 0152 7181 7162 92

I, Jenny Harms, do hereby certify that on 7-19-2019, the above and attached listed interest parties were mailed copies of the application to dispose of water in the Sand 18 Federal SWD #1 well.



Jenny Harms  
Devon Energy Production Company, LP  
Regulatory Analyst  
(405)552-6560





Devon Energy Corporation  
333 W. Sheridan Avenue  
Oklahoma City, OK 73102

*July 19, 2019*

Hughes Properties LLC  
P.O. Box 5097  
Carlsbad, NM 88221

**VIA FEDEX**

**Re: C-108 Application for Authorization to Inject**

SAND 18 FEDERAL SWD #1  
API: 30-025-25017  
1980 FNL & 660 FEL,  
18-23S-32E Lea County, NM

To Who it May Concern:

Devon Energy Production Co., L.P. (Devon) has submitted to the Oil Conservation Division a salt water disposal application and our records indicate you are the grazing lessee. Attached please find a copy of the application sent to the Oil Conservation Division for your review.

All interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, NM 87505, within 15 days.

If you have any questions or need additional information, please feel free to contact me.

Thank you,

A handwritten signature in blue ink that reads "Jenny Harms". The signature is written in a cursive, flowing style.

Jenny Harms  
Devon Energy Production Company, LP  
Regulatory Analyst  
(405)552-6560



Devon Energy Corporation  
333 W. Sheridan Avenue  
Oklahoma City, OK 73102

*July 19, 2019*

Occidental Permian Limited Partnership  
580 Westlake Park Blvd  
Houston, TX 77079

**VIA FEDEX**

**Re: C-108 Application for Authorization to Inject**

SAND 18 FEDERAL SWD #1  
API: 30-025-25017  
1980 FNL & 660 FEL,  
18-23S-32E Lea County, NM

Mineral Owner:

Devon Energy Production Co., L.P. (Devon) has submitted to the Oil Conservation Division a salt water disposal application and our records indicate you are a mineral owner. Attached please find a copy of the application sent to the Oil Conservation Division for your review.

All interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, NM 87505, within 15 days.

If you have any questions or need additional information, please feel free to contact me.

Thank you,

A handwritten signature in blue ink that reads "Jenny Harms". The signature is written in a cursive, flowing style.

Jenny Harms  
Devon Energy Production Company, LP  
Regulatory Analyst  
(405)552-6560



Devon Energy Corporation  
333 W. Sheridan Avenue  
Oklahoma City, OK 73102

*July 19, 2019*

EOG M Resources, Inc. & EOG Resources Assets LLC  
105 S. 4th St.  
Artesa, NM 88210

**VIA FEDEX**

**Re: C-108 Application for Authorization to Inject**  
SAND 18 FEDERAL SWD #1  
API: 30-025-25017  
1980 FNL & 660 FEL,  
18-23S-32E Lea County, NM

To Who it May Concern:

Devon Energy Production Co., L.P. (Devon) has submitted to the Oil Conservation Division a salt water disposal application and our records indicate you are a mineral owner. Attached please find a copy of the application sent to the Oil Conservation Division for your review.

All interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, NM 87505, within 15 days.

If you have any questions or need additional information, please feel free to contact me.

Thank you,

A handwritten signature in blue ink that reads "Jenny Harms". The signature is written in a cursive, flowing style.

Jenny Harms  
Devon Energy Production Company, LP  
Regulatory Analyst  
(405)552-6560



Devon Energy Corporation  
333 W. Sheridan Avenue  
Oklahoma City, OK 73102

*July 19, 2019*

Sharbro Energy, LLC  
P.O. Box 840  
Artesia, NM 88211

**VIA FEDEX**

**Re: C-108 Application for Authorization to Inject**

SAND 18 FEDERAL SWD #1  
API: 30-025-25017  
1980 FNL & 660 FEL,  
18-23S-32E Lea County, NM

To Who it May Concern:

Devon Energy Production Co., L.P. (Devon) has submitted to the Oil Conservation Division a salt water disposal application and our records indicate you are a mineral owner. Attached please find a copy of the application sent to the Oil Conservation Division for your review.

All interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, NM 87505, within 15 days.

If you have any questions or need additional information, please feel free to contact me.

Thank you,

A handwritten signature in blue ink that reads "Jenny Harms". The signature is written in a cursive, flowing style.

Jenny Harms  
Devon Energy Production Company, LP  
Regulatory Analyst  
(405)552-6560



Devon Energy Corporation  
333 W. Sheridan Avenue  
Oklahoma City, OK 73102

*July 19, 2019*

Foundation Energy  
15 E. St. Suite 1200  
Tulsa, OK 74103

**VIA FEDEX**

**Re: C-108 Application for Authorization to Inject**

SAND 18 FEDERAL SWD #1  
API: 30-025-25017  
1980 FNL & 660 FEL,  
18-23S-32E Lea County, NM

Operator:

Devon Energy Production Co., L.P. (Devon) has submitted to the Oil Conservation Division a salt water disposal application and our records indicate you are an operator within ½ mile of our proposed location. Attached please find a copy of the application sent to the Oil Conservation Division for your review.

All interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, NM 87505, within 15 days.

If you have any questions or need additional information, please feel free to contact me.

Thank you,

A handwritten signature in blue ink that reads "Jenny Harms". The signature is written in a cursive, flowing style.

Jenny Harms  
Devon Energy Production Company, LP  
Regulatory Analyst  
(405)552-6560



Devon Energy Corporation  
333 W. Sheridan Avenue  
Oklahoma City, OK 73102

*July 19, 2019*

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

**VIA FEDEX**

**Re: C-108 Application for Authorization to Inject**

SAND 18 FEDERAL SWD #1

API: 30-025-25017

1980 FNL & 660 FEL,

18-23S-32E Lea County, NM

To Who it May Concern:

Devon Energy Production Co., L.P. (Devon) has examined the geologic data in connection with the Sand 18 Federal SWD #1 and has determined that there are no open faults or other hydrologic connections between the disposal zone and any underground drinking water/potable aquifers.

If you have any questions or need additional information, please feel free to contact me.

Thank you,

A handwritten signature in blue ink that reads "Jenny Harms".

Jenny Harms

Devon Energy Production Company, LP  
Regulatory Analyst  
(405)552-6560



Devon Energy Corporation  
333 W. Sheridan Avenue  
Oklahoma City, OK 73102

*July 19, 2019*

Bureau of Land Management  
620 E. Greene Street  
Carlsbad, NM 88220-6292

**VIA FEDEX**

**Re: C-108 Application for Authorization to Inject**

SAND 18 FEDERAL SWD #1

API: 30-025-25017

1980 FNL & 660 FEL,

18-23S-32E Lea County, NM

To Surface Owner:

Devon Energy Production Co., L.P. (Devon) has submitted to the Oil Conservation Division a salt water disposal application and our records indicate you are the surface owner. Attached please find a copy of the application sent to the Oil Conservation Division for your review.

All interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, NM 87505, within 15 days.

If you have any questions or need additional information, please feel free to contact me.

Thank you,

A handwritten signature in blue ink that reads "Jenny Harms". The signature is written in a cursive, flowing style.

Jenny Harms

Devon Energy Production Company, LP  
Regulatory Analyst  
(405)552-6560

**State of New Mexico**  
**Energy, Minerals and Natural Resources Department**  
**Oil Conservation Division**

---

**Receipt of Fee Application Payment**



**PO Number: 07M12-190719-C-1080**

Payment Date: 7/19/2019 12:51:32 PM  
Payment Amount: \$500.00  
Payment Type: Credit Card

---

Application Type: Application for a fluid injection well permit.  
Fee Amount: \$500.00  
Application Status: Pending Document Delivery

---

OGRID: 6137  
First Name: Jenny  
Last Name: Harms  
Email: Jenny.Harms@dvn.com

---

**IMPORTANT:** If you are mailing or delivering your application, you must print and include your receipt of payment as the first page on your application. All mailed and delivered applications must be sent to the following address: 1220 S. St. Francis Dr., Santa Fe, NM 87505. For inquiries, reference the PO Number listed above.

---

Oil Conservation Division \* 1220 South St. Francis Drive \* Santa Fe, New Mexico 87505  
(505) 476-3441 \* [ocd.fees@state.nm.us](mailto:ocd.fees@state.nm.us) \* [www.emnrd.state.nm.us/OCD](http://www.emnrd.state.nm.us/OCD)



## **Lowe, Leonard, EMNRD**

---

**From:** Harms, Jenny <Jenny.Harms@dvn.com>  
**Sent:** Monday, July 29, 2019 2:48 PM  
**To:** Lowe, Leonard, EMNRD  
**Cc:** McMillan, Michael, EMNRD  
**Subject:** [EXT] RE: [EXTERNAL] Pending Document Delivery: 07M12-190719-C-1080  
**Attachments:** C-108 APPLICATION 7-8-2019\_R1.pdf

Hello Leonard and Michael,

Please see the attached C-108 application for the Sand 18 Federal #001 SWD. A hard copy is being overnighted to Michael this afternoon. Please let me know if you have any questions.

Thank you,

*Jenny Harms*

Regulatory Compliance Professional  
Work Phone: (405)552-6560  
[Jennifer.harms@dvn.com](mailto:Jennifer.harms@dvn.com)  
Devon Energy Center-Tower  
333 West Sheridan Avenue Oklahoma City OK 73102-5015

Devon - Internal

**From:** Lowe, Leonard, EMNRD <Leonard.Lowe@state.nm.us>  
**Sent:** Friday, July 19, 2019 2:19 PM  
**To:** Harms, Jenny <Jenny.Harms@dvn.com>  
**Cc:** McMillan, Michael, EMNRD <Michael.McMillan@state.nm.us>  
**Subject:** [EXTERNAL] Pending Document Delivery: 07M12-190719-C-1080

Ms. Jenny Harms,

Good afternoon.

The OCD Santa Fe office has received a PO number that is pending an Application delivery.

Can you e-mail me that application?

This pertains to PO No. 07M12-190719-C-1080

Thankyou,

**Leonard Lowe**

Engineering Bureau  
Oil Conservation Division

**Energy Minerals and Natural Resources Department**  
1220 South St. Francis  
Santa Fe, New Mexico 87505  
Office: 505-476-3492  
Cell: 505-930-6717  
Fax: 505-476-3462  
E-mail: [leonard.lowe@state.nm.us](mailto:leonard.lowe@state.nm.us)  
Website: <http://www.emnrd.state.nm.us/ocd/>

Confidentiality Warning: This message and any attachments are intended only for the use of the intended recipient(s), are confidential, and may be privileged. If you are not the intended recipient, you are hereby notified that any review, retransmission, conversion to hard copy, copying, circulation or other use of all or any portion of this message and any attachments is strictly prohibited. If you are not the intended recipient, please notify the sender immediately by return e-mail, and delete this message and any attachments from your system.