

# Initial Application Part I

Received: 07/24/2019

*This application is placed in file for record. It MAY or MAY NOT have been reviewed to be determined Administratively Complete*

RECEIVED: <b>07/24/2019</b>	REVIEWER:	TYPE: <b>SWD</b>	APP NO: <b>pMAM1920540550</b>
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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

Applicant: \_\_\_\_\_ OGRID Number: \_\_\_\_\_  
 Well Name: \_\_\_\_\_ API: \_\_\_\_\_  
 Pool: \_\_\_\_\_ Pool Code: \_\_\_\_\_

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

1) **TYPE OF APPLICATION:** Check those which apply for [A]

**SWD-2208**

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.

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

- 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

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.**

\_\_\_\_\_  
 Print or Type Name

*Laura E Fisher*  
 \_\_\_\_\_  
 Signature

\_\_\_\_\_  
 Date

\_\_\_\_\_  
 Phone Number

\_\_\_\_\_  
 e-mail Address



Mr. Michael McMillan  
New Mexico Oil Conservation Division  
1220 S. St. Francis Drive  
Santa Fe, NM 87505

Re: C-108 Application for SWD Well  
Permian Oilfield Partners, LLC  
Marauder Federal SWD #1  
1311' FNL & 250' FEL  
Sec 9, T26S, R35E  
Lea County, NM

Mr. McMillan,  
Attached is a C-108 Application for administrative approval of Permian Oilfield Partners LLC's proposed Marauder Federal SWD #1 located in Sec 9, Twp 26S, Rge 35E, Lea County, New Mexico. This well will be completed open hole in the Devonian-Silurian formation and will be operated as a commercial salt water disposal well.

Similar application exhibits were sent to all Affected Persons. The distribution list and proof of mailing, as well as affidavit of publication are enclosed. A copy of this application has also been sent to NM OCD District 1 in Hobbs.

If you have any questions, please contact us at (817)606-7630.

Sincerely,

Sean Puryear  
Permian Oilfield Partners, LLC  
[spuryear@popmidstream.com](mailto:spuryear@popmidstream.com)

Date: 7-23-2019

**APPLICATION FOR AUTHORIZATION TO INJECT**

- I. PURPOSE: **Disposal**  
Application qualifies for administrative approval? **Yes**
- II. OPERATOR: **Permian Oilfield Partners, LLC.**  
ADDRESS: **P.O. Box 3329, Hobbs, NM 88241**  
CONTACT PARTY: **Sean Puryear** PHONE: **(817) 600-8772**
- 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? **No**
- V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-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: **Sean Puryear**

TITLE: **Manager**

SIGNATURE: 

DATE: 7-22-2019

E-MAIL ADDRESS: **spuryear@popmidstream.com**

- \* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: \_\_\_\_\_

### III. WELL DATA

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

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

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

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

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

### XIV. PROOF OF NOTICE

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

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

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

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

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

### Additional Data

1. **Is this a new well drilled for injection?**  
Yes
2. **Name of the Injection Formation:**  
Devonian: Open Hole Completion
3. **Name of Field or Pool (if applicable):**  
SWD; Devonian-Silurian
4. **Has the well ever been perforated in any other zone(s)?**  
No: New Drill for Injection of Produced Water
5. **Give the name and depths of any oil or gas zones underlying or overlying the proposed Injection zone in this area:**  
  
**Overlying Potentially Productive Zones:**  
Delaware, Bone Spring, Wolfcamp, Strawn, Atoka & Morrow Tops all above 15,789'  
  
**Underlying Potentially Productive Zones:**  
None



**WELLBORE SCHEMATIC**

Permian Oilfield Partners, LLC.  
Marauder Federal SWD #1  
1311' FNL, 250' FEL  
Sec. 9, T26S, R35E, Lea Co. NM  
Lat 32.0614582° N, Lon 103.3647111° W  
GL 3146', RKB 3176'

**Surface - (Conventional)**

Hole Size: 26"  
Casing: 20" - 94# H-40 STC Casing  
Depth Top: Surface  
Depth Btm: 959'  
Cement: 621 sks - Class C + Additives  
Cement Top: Surface - (Circulate)

**Intermediate #1 - (Conventional)**

Hole Size: 17.5"  
Casing: 13.375" - 61# J-55 & 68# J-55 STC Casing  
Depth Top: Surface  
Depth Btm: 5268'  
Cement: 1714 sks - Lite Class C (50:50:10) + Additives  
Cement Top: Surface - (Circulate)

**Intermediate #2 - (Conventional)**

Hole Size: 12.25"  
Casing: 9.625" - 40# L-80 & 40# HCL-80 BTC Casing  
Depth Top: Surface  
Depth Btm: 12707'  
Cement: 2153 sks - Lite Class C (60:40:0) + Additives  
Cement Top: Surface - (Circulate)  
ECP/DV Tool: 5368'

**Intermediate #3 - (Liner)**

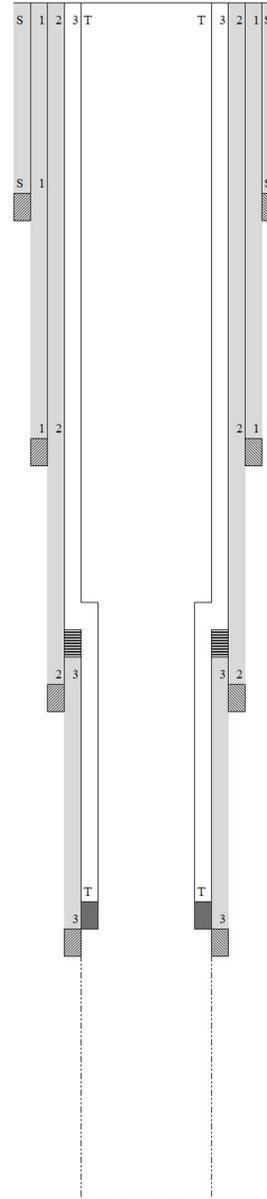
Hole Size: 8.5"  
Casing: 7.625" - 39# HCL-80 FJ Casing  
Depth Top: 12507'  
Depth Btm: 18231'  
Cement: 266 sks - Lite Class C (60:40:0) + Additives  
Cement Top: 12507' - (Volumetric)

**Intermediate #4 - (Open Hole)**

Hole Size: 6.5"  
Depth: 20030'  
Inj. Interval: 18231' - 20030' (Open-Hole Completion)

**Tubing - (Tapered)**

Tubing Depth: 18186'  
Tubing: 7" - 26# HCP-110 FJ Casing & 5.5" 17# HCL-80 FJ Casing (Fiberglass Lined)  
X/O Depth: 12507'  
X/O: 7" 26# HCP-110 FJ Casing - X - 5.5" 17# HCL-80 FJ Casing (Fiberglass Lined)  
Packer Depth: 18196'  
Packer: 5.5" - Perma-Pak or Equivalent (Inconel)



**VI:** There are no wells within the proposed wells area of review that penetrate the Devonian Formation.

**VII:**

1. The average injected volume anticipated is 40,000 BWPD  
The maximum injected volume anticipated is 50,000 BWPD
2. Injection will be through a closed system
3. The average injection pressure anticipated is 2,000 psi  
The proposed maximum injection pressure is 3,646 psi
4. Disposal Sources will be produced waters from surrounding wells in the Delaware, Avalon, Bone Spring and Wolfcamp formations. These formation waters are known to be compatible with Devonian formation water. Representative area produced water analyses were sourced from Go-Tech's website and are listed below.

WELL NAME	FIGHTING OKRA 18 FEDERAL COM #001H	SALADO DRAW 6 FEDERAL #001H	RATTLESNAKE 13 12 FEDERAL COM #001H	SNAPPING 2 STATE #014H
api	3002540382	3002541293	3002540912	3001542688
latitude	32.0435333	32.0657196	32.0369568	32.06555986
longitude	-103.5164566	-103.5146942	-103.416214	-103.7413815
section	18	6	13	2
township	26S	26S	26S	26S
range	34E	34E	34E	31E
unit	E	M	P	P
ftgns	2590N	200S	330S	250S
ftgew	330W	875W	330E	330E
county	Lea	Lea	Lea	EDDY
state	NM	NM	NM	NM
formation	AVALON UPPER	BONE SPRING 3RD SAND	DELAWARE-BRUSHY CANYON	WOLFCAMP
sampledate	42046	41850	41850	42284
ph	8	6.6	6.2	7.3
tds_mgL	201455.9	99401.9	243517.1	81366.4
resistivity_ohm_cm	0.032	0.064	0.026	0.1004
sodium_mgL	66908.6	34493.3	73409.8	26319.4
calcium_mgL	9313	3295	15800	2687.4
iron_mgL	10	0.4	18.8	26.1
magnesium_mgL	1603	396.8	2869	326.7
manganese_mgL	1.6	0.37	3.12	
chloride_mgL	121072.7	59986.5	149966.2	50281.2
bicarbonate_mgL	1024.8	109.8	48.8	
sulfate_mgL	940	710	560	399.7
co2_mgL	1950	70	200	100

5. Devonian water analysis from the area of review is unavailable. Representative area water analyses were sourced from Go-Tech's website and are listed below.

WELL NAME	ANTELOPE RIDGE UNIT #003	BELL LAKE UNIT #006
api	3002521082	3002508483
latitude	32.2593155	32.3282585
longitude	-103.4610748	-103.507103
sec	34	6
township	23S	23S
range	34E	34E
unit	K	O
ftgns	1980S	660S
ftgew	1650W	1980E
county	LEA	LEA
state	NM	NM
field	ANTELOPE RIDGE	BELL LAKE NORTH
formation	DEVONIAN	DEVONIAN
samplesource	UNKNOWN	HEATER TREATER
ph	6.9	7
tds_mgL	80187	71078
chloride_mgL	42200	47900
bicarbonate_mgL	500	476
sulfate_mgL	1000	900

### VIII: Injection Zone Geology

Fluid injection will take place in the Devonian-Silurian formations. This sequence is bounded above by the Upper Devonian Woodford shale. Underlying the Woodford is the first injection formation, the Devonian, consisting of dolomitic carbonates & chert, followed by the Upper Silurian dolomites, and the Lower Silurian Fusselman dolomite. The lower bound of the injection interval is the limestone of the Upper Ordovician Montoya. This proposed well will TD above the top of the Montoya, and will not inject fluids into the Montoya itself, in order to provide a sufficient barrier to preclude fluid injection into the Middle Ordovician Simpson, the Lower Ordovician Ellenburger, the Cambrian, and the PreCambrian below.

Injection zone porosities are expected to range from 0% to a high of 8%, with the higher ranges being secondary porosity in the form of vugs & fractures due to weathering effects, with occasional interbedded shaly intervals. Permeabilities in the 2-3% porosity grainstone intervals are estimated to be in the 10-15 mD range, with the higher porosity intervals conservatively estimated to be in the 40-50 mD range. It is these intervals of high secondary porosity and associated high permeability that are expected to take the majority of the injected water.

The Devonian-Silurian sequence is well suited for SWD purposes, with a low permeability shale barrier overlying the injection interval to prevent upward fluid migrations to USDW's, sufficient permeabilities and porosities in zone, and multiple formations available over a large depth range. This large injection depth range means there is a large injection surface area available, allowing for low injection pressures at high injection rates.

Permian Oilfield Partners, LLC.  
Marauder Federal SWD #1  
1311' FNL, 250' FEL  
Sec. 9, T26S, R35E, Lea Co. NM  
Lat 32.0614582° N, Lon 103.3647111° W  
GL 3146', RKB 3176'

<b>GEOLOGY PROGNOSIS</b>			
<b>FORMATION</b>	<b><u>TOP</u></b> KB TVD (ft)	<b><u>BOTTOM</u></b> KB TVD (ft)	<b><u>THICKNESS</u></b> (ft)
<b>Salt</b>	1,360	5,042	3,682
<b>Delaware</b>	5,243	8,975	3,732
<b>Bone Spring</b>	8,975	12,657	3,682
<b>Wolfcamp</b>	12,657	13,735	1,078
<b>Lwr. Mississippian</b>	17,592	17,943	351
<b>Woodford</b>	17,943	18,196	253
<b>Devonian</b>	18,196	19,480	1,284
<b>Fusselman (Silurian)</b>	19,480	20,055	575
<b>Montoya (U. Ordovician)</b>	20,055	20,758	703
<b>Simpson (M. Ordovician)</b>	20,758	21,405	647

2. According to the New Mexico Office of the State Engineer, there are NO fresh water wells within the proposed well's one-mile area of review. Regionally, shallow fresh water is known to exist at depths less than 601'. There are no underground sources of fresh water present below the injection interval.
- IX:** Formation chemical stimulation with 40,000 gals of 15% Hydrochloric Acid is planned after well completion.
- X:** A compensated neutron/gamma ray log will be run from surface to TD upon well completion. All logs will be submitted to the NMOCD upon completion.
- XI:** According to the New Mexico Office of the State Engineer, there are NO fresh water wells within the proposed well's one-mile area of review.
- XII:** Hydrologic affirmative statement attached.
- XIII:** Proof of notice and proof of publication attached.

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 & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number <b>30-025-</b>		<sup>2</sup> Pool Code <b>97869</b>		<sup>3</sup> Pool Name <b>SWD; DEVONIAN-SILURIAN</b>	
<sup>4</sup> Property Code		<sup>5</sup> Property Name <b>MARAUDER FEDERAL SWD</b>			<sup>6</sup> Well Number <b>1</b>
<sup>7</sup> OGRID NO. <b>328259</b>		<sup>8</sup> Operator Name <b>PERMIAN OILFIELD PARTNERS, LLC</b>			<sup>9</sup> Elevation <b>3146'</b>

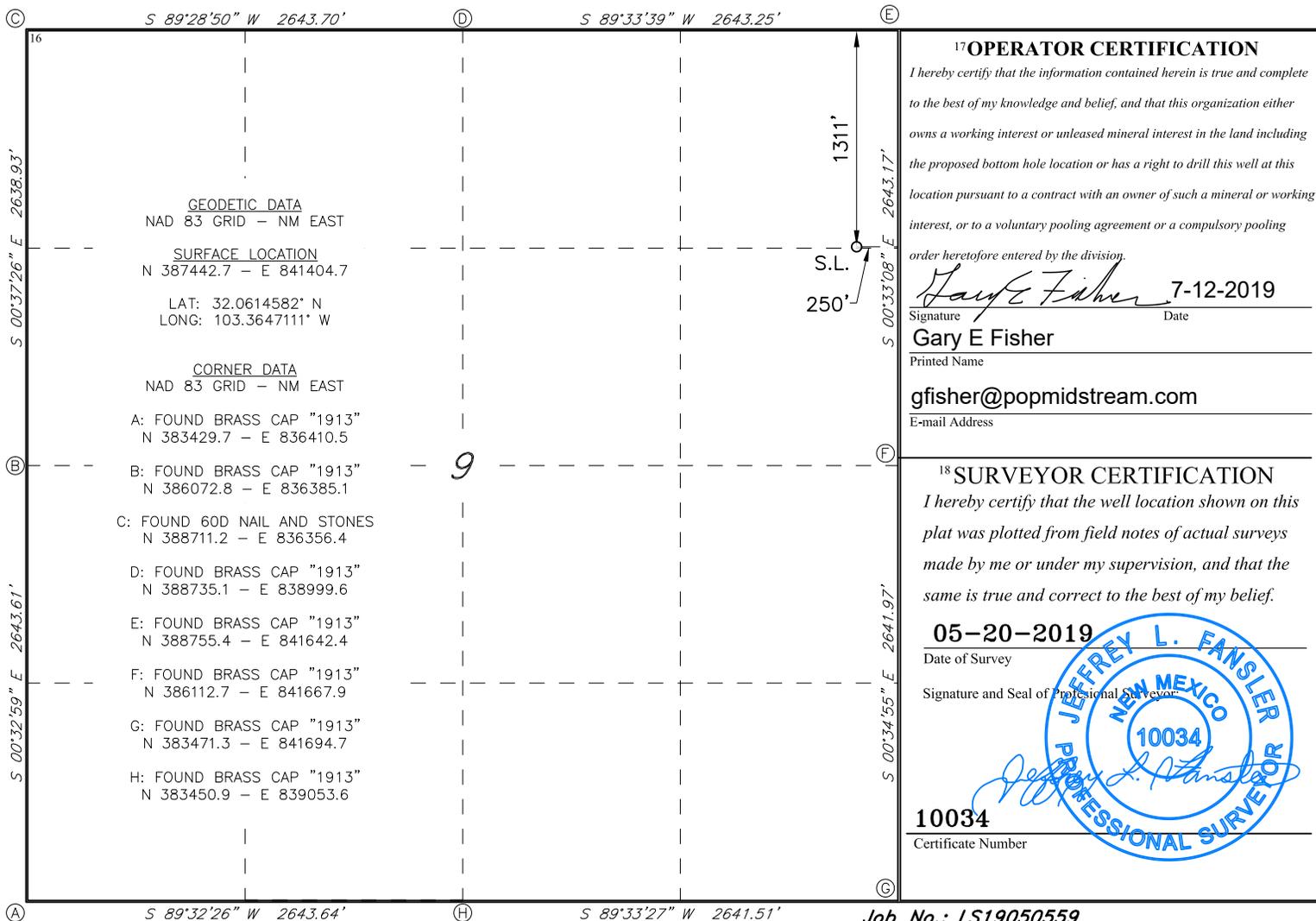
<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
<b>A</b>	<b>9</b>	<b>26S</b>	<b>35E</b>		<b>1311</b>	<b>NORTH</b>	<b>250</b>	<b>EAST</b>	<b>LEA</b>

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<sup>12</sup> Dedicated Acres		<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> Order No.			

No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.





**Marauder Federal SWD #1 - Wells within 1 Mile Area of Review**

API Number	Current Operator	Well Name	Well Number	Well Type	Well Direction	Well Status	Section	Township	Range	OCD Unit Letter	Surface Location	Bottomhole Location	Formation	MD	TVD
30-025-20999	PRE-ONGARD WELL OPERATOR	PRE-ONGARD WELL	#001	Oil	Vertical	Plugged, Site Released	10	T26S	R35E	D	D-10-26S-35E 330 FNL 660 FWL	D-10-26S-35E 330 FNL 660 FWL	DELAWARE	5446	5446
30-025-22532	PRE-ONGARD WELL OPERATOR	PRE-ONGARD WELL	#001	Oil	Vertical	Plugged, Site Released	10	T26S	R35E	N	N-10-26S-35E 660 FSL 1980 FWL	N-10-26S-35E 660 FSL 1980 FWL	DELAWARE	5500	5500
30-025-39594	DEVON ENERGY PRODUCTION COMPANY, LP	ARENA ROJA FEDERAL UNIT	#010	Gas	Vertical	Cancelled Apd	15	T26S	R35E	C	C-15-26S-35E 660 FNL 1960 FWL	C-15-26S-35E 660 FNL 1960 FWL	STRAWN	15435	15435
30-025-39596	DEVON ENERGY PRODUCTION COMPANY, LP	ARENA ROJA FEDERAL UNIT	#013	Gas	Vertical	Cancelled Apd	10	T26S	R35E	M	M-10-26S-35E 710 FSL 660 FWL	M-10-26S-35E 710 FSL 660 FWL	STRAWN	15462	15462
30-025-42547	CHEVRON U S A INC	TALCO 9 26 35 FEDERAL COM	#002C	Oil	Horizontal	Cancelled Apd	09	T26S	R35E	O	O-09-26S-35E 235 FSL 1980 FEL	B-09-26S-35E 280 FNL 1980 FEL	BONE SPRING	17157	12591
30-025-42832	DEVON ENERGY PRODUCTION COMPANY, LP	BIG JAY 4 FEDEREAL	#001H	Oil	Horizontal	New	04	T26S	R35E	N	N-04-26S-35E 200 FSL 1980 FWL	C-04-26S-35E 330 FNL 1980 FWL	WOLFCAMP	17402	12895
30-025-42833	DEVON ENERGY PRODUCTION COMPANY, LP	BIG JAY 4 FEDEREAL	#002H	Oil	Horizontal	New	04	T26S	R35E	N	N-04-26S-35E 200 FSL 2030 FWL	C-04-26S-35E 330 FNL 1980 FWL	DELAWARE	13260	8656
30-025-43458	COG OPERATING LLC	TALCO 9 26 35 FEDERAL	#003H	Oil	Horizontal	Active	09	T26S	R35E	G	G-09-26S-35E 2440 FNL 2280 FEL	B-04-26S-35E 330 FNL 2320 FEL	WOLFCAMP	19222	12608



Statement of Notifications

Re: C-108 Application for SWD Well  
 Permian Oilfield Partners, LLC  
 Marauder Federal SWD #1  
 1311' FNL & 250' FEL  
 Sec 9, T26S, R35E  
 Lea County, NM

Permian Oilfield Partners, LLC has mailed notifications to Affected Persons as per the following list:

Marauder Federal SWD #1 - Affected Persons within 1 Mile Area of Review					
Notified Name	Notified Address	Notified City, State, ZIP Code	Shipper	Tracking No.	Mailing Date
Bureau Of Land Management	620 E Greene St.	Carlsbad, NM 88220	USPS	9414811899561471832106	7/23/2019
New Mexico State Land Office	310 Old Santa Fe Trail	Santa Fe, NM 87501	USPS	9414811899561471830263	7/23/2019
Devon Energy Prod. Co.	333 West Sheridan Ave.	Oklahoma City, OK 73102	USPS	9414811899561471832090	7/23/2019
Chevron USA, Inc.	6301 Deauville	Midland, TX 79706	USPS	9414811899561471832397	7/23/2019
COG Operating LLC	600 W. Illinois Ave.	Midland, TX 79701	USPS	9414811899561471832373	7/23/2019
EOG Y Resources Inc.	104 South 4th St.	Artesia, NM 88210	USPS	9414811899561471832588	7/23/2019
EOG A Resources Inc.	104 South 4th St.	Artesia, NM 88210	USPS	9414811899561471832403	7/23/2019
EOG M Resources Inc.	104 South 4th St.	Artesia, NM 88210	USPS	9414811899561471832489	7/23/2019
Occidental Permian LP	5 Greenway Plaza, Ste. 110	Houston, TX 77046	USPS	9414811899561471830232	7/23/2019
Endurance Properties Inc.	15455 Dallas Pkwy., Ste. 1050	Addison, TX 75001	USPS	9414811899561471832410	7/23/2019

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Sean Puryear  
 Permian Oilfield Partners, LLC  
[spuryear@popmidstream.com](mailto:spuryear@popmidstream.com)

Date: 7-23-2019

U.S. Postal Service **Certified Mail Receipt**

ARTICLE NUMBER: 9414 8118 9956 1471 8302 32

ARTICLE ADDRESSED TO:

Occidental Permian LP  
5 Greenway Plaza, Suite 110  
Houston TX 77046-0521

<b>FEEES</b>	
Postage Per Piece	\$3.20
Certified Fee	3.50
Total Postage & Fees:	6.70



U.S. Postal Service **Certified Mail Receipt**

ARTICLE NUMBER: 9414 8118 9956 1471 8324 89

ARTICLE ADDRESSED TO:

EOG M Resources Inc.  
104 South 4th Street  
Artesia NM 88210-2123

<b>FEEES</b>	
Postage Per Piece	\$3.20
Certified Fee	3.50
Total Postage & Fees:	6.70



U.S. Postal Service **Certified Mail Receipt**

ARTICLE NUMBER: 9414 8118 9956 1471 8302 63

ARTICLE ADDRESSED TO:

New Mexico State Land Office  
310 Old Santa Fe Trail  
Santa Fe NM 87501-2708

<b>FEEES</b>	
Postage Per Piece	\$3.20
Certified Fee	3.50
Total Postage & Fees:	6.70



U.S. Postal Service **Certified Mail Receipt**

ARTICLE NUMBER: 9414 8118 9956 1471 8321 06

ARTICLE ADDRESSED TO:

Bureau of Land Management  
620 E Greene St  
Carlsbad NM 88220-6292

<b>FEEES</b>	
Postage Per Piece	\$3.20
Certified Fee	3.50
Total Postage & Fees:	6.70



U.S. Postal Service **Certified Mail Receipt**

ARTICLE NUMBER: 9414 8118 9956 1471 8325 88

ARTICLE ADDRESSED TO:

EOG Y Resources, Inc.  
104 South 4th Street  
Artesia NM 88210-2123

<b>FEEES</b>	
Postage Per Piece	\$3.20
Certified Fee	3.50
Total Postage & Fees:	6.70



U.S. Postal Service **Certified Mail Receipt**

ARTICLE NUMBER: 9414 8118 9956 1471 8324 03

ARTICLE ADDRESSED TO:

EOG A Resources Inc.  
104 South 4th Street  
Artesia NM 88210-2123

<b>FEEES</b>	
Postage Per Piece	\$3.20
Certified Fee	3.50
Total Postage & Fees:	6.70



U.S. Postal Service Certified Mail Receipt

ARTICLE NUMBER: 9414 8118 9956 1471 8324 10

ARTICLE ADDRESSED TO:

Endurance Properties Inc.  
15455 Dallas Pkwy, Suite 1050  
Addison TX 75001-6721



FEES

Postage Per Piece	\$3.20
Certified Fee	3.50
Total Postage & Fees:	6.70

Postmark  
Here

U.S. Postal Service Certified Mail Receipt

ARTICLE NUMBER: 9414 8118 9956 1471 8323 73

ARTICLE ADDRESSED TO:

COG Operating LLC  
600 W Illinois Ave  
Midland TX 79701-4882



FEES

Postage Per Piece	\$3.20
Certified Fee	3.50
Total Postage & Fees:	6.70

Postmark  
Here

U.S. Postal Service Certified Mail Receipt

ARTICLE NUMBER: 9414 8118 9956 1471 8320 90

ARTICLE ADDRESSED TO:

Devon Energy Production Co., LP  
333 West Sheridan Ave  
Oklahoma City OK 73102-5010



FEES

Postage Per Piece	\$3.20
Certified Fee	3.50
Total Postage & Fees:	6.70

Postmark  
Here

U.S. Postal Service Certified Mail Receipt

ARTICLE NUMBER: 9414 8118 9956 1471 8323 97

ARTICLE ADDRESSED TO:

Chevron USA  
6301 Deauville  
Midland TX 79706-2964



FEES

Postage Per Piece	\$3.20
Certified Fee	3.50
Total Postage & Fees:	6.70

Postmark  
Here

# Affidavit of Publication

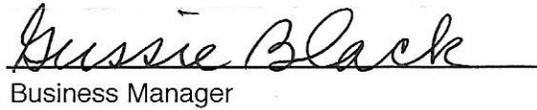
STATE OF NEW MEXICO  
COUNTY OF LEA

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 16, 2019  
and ending with the issue dated  
July 16, 2019.

  
\_\_\_\_\_  
Publisher

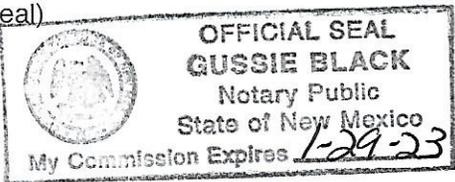
Sworn and subscribed to before me this  
16th day of July 2019.

  
\_\_\_\_\_  
Business Manager

My commission expires

January 29, 2023

(Seal)



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 16, 2019

Permian Oilfield Partners, LLC, PO Box 3329, Hobbs, NM 88241, phone (817)606-7630, attn. Gary Fisher, has filed form C-108 (Application for Authorization for Injection) with the New Mexico Oil Conservation Division seeking approval to drill a commercial salt water disposal well in Lea County, New Mexico. The well is the Marauder Federal SWD #1, and is located 1311' FNL & 250' FEL, Unit A, Section 9, Township 26 South, Range 35 East, NMPM, approximately 10.7 mi SW of Jal, NM. The well will dispose of water produced from nearby oil and gas wells into the Devonian formation from a depth of 18,231 feet to 19,930 feet. The maximum expected injection rate is 50,000 BWPD at a maximum surface injection pressure of 3,646 psi.

Interested parties must file objections or requests for hearing with the New Mexico Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico, 87505 within 15 days.  
#34433

67115647

00230835

GARY FISHER  
PERMIAN OILFIELD PARTNERS, LLC  
PO BOX 1220  
STEPHENVILLE, TX 76401





# 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 Code	Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tw	Rng	X	Y	DepthWell	DepthWater	Water Column
<a href="#">C_03795 POD1</a>	C		LE	4	4	3	24	26S	35E	658419	3544221	496	250	246
<a href="#">J_00005 POD1</a>	J		LE	2	2	2	13	26S	35E	659200	3547174*	601	230	371

Average Depth to Water: **240 feet**  
 Minimum Depth: **230 feet**  
 Maximum Depth: **250 feet**

**Record Count:** 2

**PLSS Search:**

**Township:** 26S    **Range:** 35E

\*UTM location was derived from PLSS - see Help

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.

7/18/19 10:57 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



**Item XII. Affirmative Statement**

Re: C-108 Application for SWD Well  
Permian Oilfield Partners, LLC  
Marauder Federal SWD #1  
1311' FNL & 250' FEL  
Sec 9, T26S, R35E  
Lea County, NM

Permian Oilfield Partners, LLC. has 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.

A handwritten signature in black ink, appearing to read "Gary Fisher".

Gary Fisher  
Manager  
Permian Oilfield Partners, LLC.

Date: 7/12/2019

**Plugging Risk Assessment**  
**Permian Oilfield Partners, LLC.**  
**Marauder Federal SWD #1**  
**SL: 1311' FNL & 250' FEL**  
**Sec 9, T26S, R35E**  
**Lea County, New Mexico**