

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: 07/24/2019	REVIEWER:	TYPE: SWD	APP NO: pMAM1920537967
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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]

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.

Print or Type Name

Larry 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
Avenger Federal SWD #1
1320' FNL & 271' FWL
Sec 7, T26S, R35E
Lea County, NM

Mr. McMillan,
Attached is a C-108 Application for administrative approval of Permian Oilfield Partners LLC's proposed Avenger Federal SWD #1 located in Sec 7, 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,

Received by OCD: 7/23/2019 11:28:02 PM

Sean Puryear
Permian Oilfield Partners, LLC
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.

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 16,132'

Underlying Potentially Productive Zones:
None

WELL CONSTRUCTION DATA

Permian Oilfield Partners, LLC.
Avenger Federal SWD #1
1320' FNL, 271' FWL
Sec. 7, T26S, R35E, Lea Co. NM
Lat 32.0614999° N, Lon 103.4142527° W
GL 3260', RKB 3290'

Surface - (Conventional)

Hole Size: 26" Casing: 20" - 94# H-40 & 106.5# J-55 STC Casing
Depth Top: Surface
Depth Btm: 1122'
Cement: 745 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: 5464'
Cement: 1791 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: 12818' ECP/DV Tool: 5564'
Cement: 2183 sks - Lite Class C (60:40:0) + Additives
Cement Top: Surface - (Circulate)

Intermediate #3 - (Liner)

Hole Size: 8.5" Casing: 7.625" - 39# HCL-80 FJ Casing
Depth Top: 12618'
Depth Btm: 18615'
Cement: 274 sks - Lite Class C (60:40:0) + Additives
Cement Top: 12618' - (Volumetric)

Intermediate #4 - (Open Hole)

Hole Size: 6.5" Depth: 20444'
Inj. Interval: 18615' - 20444' (Open-Hole Completion)

Tubing - (Tapered)

Tubing Depth: 18570' Tubing: 7" - 26# HCP-110 FJ Casing & 5.5" 17# HCL-80 FJ
X/O Depth: 12618' Casing (Fiberglass Lined)
X/O: 7" 26# HCP-110 FJ Casing - X - 5.5" 17# HCL-80 FJ Casing (Fiberglass Lined)
Packer Depth: 18580' Packer: 5.5" - Perma-Pak or Equivalent (Inconel)

WELLBORE SCHEMATIC

Permian Oilfield Partners, LLC.
Avenger Federal SWD #1
1320' FNL, 271' FWL
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Lat 32.0614999° N, Lon 103.4142527° W
GL 3260', RKB 3290'

Surface - (Conventional)

Hole Size: 26"
Casing: 20" - 94# H-40 & 106.5# J-55 STC Casing
Depth Top: Surface
Depth Btm: 1122'
Cement: 745 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: 5464'
Cement: 1791 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: 12818'
Cement: 2183 sks - Lite Class C (60:40:0) + Additives
Cement Top: Surface - (Circulate)
ECP/DV Tool: 5564'

Intermediate #3 - (Liner)

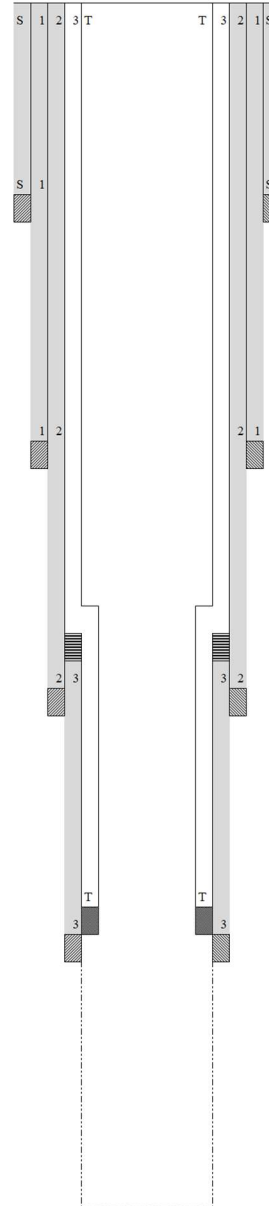
Hole Size: 8.5"
Casing: 7.625" - 39# HCL-80 FJ Casing
Depth Top: 12618'
Depth Btm: 18615'
Cement: 274 sks - Lite Class C (60:40:0) + Additives
Cement Top: 12618' - (Volumetric)

Intermediate #4 - (Open Hole)

Hole Size: 6.5"
Depth: 20444'
Inj. Interval: 18615' - 20444' (Open-Hole Completion)

Tubing - (Tapered)

Tubing Depth: 18570'
Tubing: 7" - 26# HCP-110 FJ Casing & 5.5" 17# HCL-80 FJ Casing (Fiberglass Lined)
X/O Depth: 12618'
X/O: 7" 26# HCP-110 FJ Casing - X - 5.5" 17# HCL-80 FJ Casing (Fiberglass Lined)
Packer Depth: 18580'
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 3,723 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.
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 1320' FNL, 271' FWL
 Sec. 7, T26S, R35E, Lea Co. NM
 Lat 32.0614999° N, Lon 103.4142527° W
 GL 3260', RKB 3290'

GEOLOGY PROGNOSIS			
FORMATION	<u>TOP</u> KB TVD (ft)	<u>BOTTOM</u> KB TVD (ft)	<u>THICKNESS</u> (ft)
Salt	1,526	5,199	3,673
Delaware	5,439	9,266	3,827
Bone Spring	9,266	12,768	3,502
Wolfcamp	12,768	13,935	1,167
Lwr. Mississippian	17,951	18,328	377
Woodford	18,328	18,580	252
Devonian	18,580	19,844	1,264
Fusselman (Silurian)	19,844	20,469	625
Montoya (U. Ordovician)	20,469	21,143	674
Simpson (M. Ordovician)	21,143	21,864	721

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

¹ API Number 30-025-	² Pool Code 97869	³ Pool Name SWD; DEVONIAN-SILURIAN
⁴ Property Code	⁵ Property Name AVENGER FEDERAL SWD	⁶ Well Number 1
⁷ OGRID NO. 328259	⁸ Operator Name PERMIAN OILFIELD PARTNERS, LLC	⁹ Elevation 3260'

¹⁰ Surface Location

UL or lot no. 1	Section 7	Township 26S	Range 35E	Lot Idn	Feet from the 1320	North/South line NORTH	Feet From the 271	East/West line WEST	County LEA
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¹¹ 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
¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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.

<p>16</p> <p>1320'</p> <p>LOT 1</p> <p>S.L.</p> <p>271'</p> <p>LOT 2</p> <p>LOT 3</p> <p>LOT 4</p> <p>1320'</p> <p>271'</p> <p>2641.52'</p> <p>2637.62'</p> <p>2642.79'</p> <p>2642.84'</p> <p>2671.40'</p> <p>2638.64'</p>		<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Gary E Fisher</i> 7-12-2019 Signature Date</p> <p>Gary E Fisher Printed Name</p> <p>gfisher@popmidstream.com E-mail Address</p>
<p>18 SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>05-20-2019 Date of Survey</p> <p><i>Jeffrey L. Fansler</i> Signature and Seal of Professional Surveyor</p> <p>10034 Certificate Number</p>		

Job No.: LS19050558

Avenger 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
30-025-27359	FLARE OIL INC	PERRO GRANDE UT STRAWN FED	#001	Gas	Vertical	Active	6	26S	35E	J	J-06-26S-35E 1980 FSL 1980 FEL	J-06-26S-35E 1980 FSL 1980 FEL	MORROW	16560	16560
30-025-32894	DEVON ENERGY PRODUCTION COMPANY, LP	MADERA 12 FEDERAL SWD	#001	Oil	Vertical	Plugged, Site Released	12	26S	34E	K	K-12-26S-34E 1980 FSL 1980 FWL	K-12-26S-34E 1980 FSL 1980 FWL	BONE SPRING	12950	12950
30-025-39768	EOG RESOURCES INC	RENEGADE BPG FEDERAL	#001H	Oil	Horizontal	Active	18	26S	35E	D	D-18-26S-35E Lot: 1 660 FNL 330 FWL	A-18-26S-35E 660 FNL 4974 FWL	BONE SPRING	13891	9367
30-025-41188	DEVON ENERGY PRODUCTION COMPANY, LP	RAGIN CAJUN 12 FEDERAL	#001H	Oil	Horizontal	Active	12	26S	34E	O	O-12-26S-34E 10 FSL 1685 FEL	B-12-26S-34E 332 FNL 1726 FEL	DELAWARE	13788	9018
30-025-41247	DEVON ENERGY PRODUCTION COMPANY, LP	RATTLESNAKE 13 FEDERAL	#002H	Oil	Horizontal	Active	13	26S	34E	B	B-13-26S-34E 25 FNL 1650 FEL	O-13-26S-34E 342 FSL 1658 FEL	DELAWARE	13861	9023
30-025-42685	DEVON ENERGY PRODUCTION COMPANY, LP	BILLIKEN 6 FEDERAL	#001H	Oil	Horizontal	Active	6	26S	35E	M	M-06-26S-35E Lot: 4 265 FSL 1295 FWL	D-06-26S-35E Lot: 1 235 FNL 645 FWL	DELAWARE	12708	9126
30-025-42686	DEVON ENERGY PRODUCTION COMPANY, LP	BILLIKEN 6 FEDERAL	#002H	Oil	Horizontal	Active	6	26S	35E	N	N-06-26S-35E 265 FSL 1345 FWL	C-06-26S-35E 332 FNL 1990 FWL	DELAWARE	13644	9130
30-025-42687	DEVON ENERGY PRODUCTION COMPANY, LP	BILLIKEN 7 FEDERAL	#001H	Oil	Horizontal	Active	7	26S	35E	M	M-07-26S-35E Lot: 4 660 FSL 200 FWL	P-07-26S-35E 650 FSL 470 FEL	DELAWARE	13711	9277
30-025-42688	DEVON ENERGY PRODUCTION COMPANY, LP	BILLIKEN 7 FEDERAL	#002H	Oil	Horizontal	Plugged, Site Released	7	26S	35E	M	M-07-26S-35E Lot: 4 710 FSL 200 FWL	I-07-26S-35E 1960 FSL 470 FEL	DELAWARE	13818	9245
30-025-43095	MARATHON OIL PERMIAN LLC	THUNDERBIRD 1 FEDERAL	#001H	Oil	Horizontal	Active	1	26S	34E	P	P-01-26S-34E 220 FSL 380 FEL	A-01-26S-34E 270 FNL 360 FEL	DELAWARE	13743	9129
30-025-46127	MARATHON OIL PERMIAN LLC	MAMMOTH FEDERAL COM 26 34 1 TB	#001H	Oil	Horizontal	New	1	26S	34E	N	N-01-26S-34E 448 FSL 1479 FWL	D-36-25S-34E 150 FNL 330 FWL	BONE SPRING	22644	12408
30-025-46128	MARATHON OIL PERMIAN LLC	MAMMOTH FEDERAL COM 26 34 1 TB	#010H	Oil	Horizontal	New	1	26S	34E	N	N-01-26S-34E 448 FSL 1569 FWL	C-36-25S-34E 150 FNL 2311 FWL	BONE SPRING	22646	12409
30-025-46129	MARATHON OIL PERMIAN LLC	MAMMOTH FEDERAL COM 26 34 1 TB	#017H	Oil	Horizontal	New	1	26S	34E	P	P-01-26S-34E 869 FSL 1205 FEL	A-01-26S-34E 150 FNL 993 FEL	BONE SPRING	17363	12443
30-025-46130	MARATHON OIL PERMIAN LLC	MAMMOTH FEDERAL COM 26 34 1 WA	#002H	Oil	Horizontal	New	1	26S	34E	N	N-01-26S-34E 448 FSL 1509 FWL	D-36-25S-34E 150 FNL 330 FEL	WOLFCAMP	22960	12650
30-025-46131	MARATHON OIL PERMIAN LLC	MAMMOTH FEDERAL COM 26 34 1 WA	#011H	Oil	Horizontal	New	1	26S	34E	N	N-01-26S-34E 448 FSL 1599 FWL	C-36-25S-34E 150 FNL 2316 FWL	WOLFCAMP	22695	12529
30-025-46132	MARATHON OIL PERMIAN LLC	MAMMOTH FEDERAL COM 26 34 1 WA	#018H	Oil	Horizontal	New	1	26S	34E	P	P-01-26S-34E 852 FSL 1230 FEL	A-01-26S-34E 150 FNL 993 FEL	WOLFCAMP	17581	12686
30-025-46133	MARATHON OIL PERMIAN LLC	MAMMOTH FEDERAL COM 26 34 1 WXY	#007H	Oil	Horizontal	New	1	26S	34E	N	N-01-26S-34E 448 FSL 1539 FWL	D-36-25S-34E 150 FNL 1310 FWL	WOLFCAMP	22673	12530
30-025-46134	MARATHON OIL PERMIAN LLC	MAMMOTH FEDERAL COM 26 34 1 WXY	#014H	Oil	Horizontal	New	1	26S	34E	P	P-01-26S-34E 835 FSL 1255 FEL	B-01-26S-34E 150 FNL 1986 FEL	WOLFCAMP	17513	12563
30-025-46135	MARATHON OIL PERMIAN LLC	MAMMOTH FEDERAL COM 26 34 1 WXY	#021H	Oil	Horizontal	New	1	26S	34E	P	P-01-26S-34E 886 FSL 1181 FEL	A-01-26S-34E 150 FNL 330 FEL	WOLFCAMP	17526	12564



Statement of Notifications

Re: C-108 Application for SWD Well
 Permian Oilfield Partners, LLC
 Avenger Federal SWD #1
 1320' FNL & 271' FWL
 Sec 7, T26S, R35E
 Lea County, NM

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

Avenger 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	9414811899561471578325	7/23/2019
New Mexico State Land Office	310 Old Santa Fe Trail	Santa Fe, NM 87501	USPS	9414811899561471577991	7/23/2019
Devon Energy Prod. Co.	333 West Sheridan Ave.	Oklahoma City, OK 73102	USPS	9414811899561471578400	7/23/2019
Chevron USA, Inc.	6301 Deauville	Midland, TX 79706	USPS	9414811899561471578035	7/23/2019
EOG Resources Inc.	PO Box 2267	Midland, TX 79702	USPS	9414811899561471577298	7/23/2019
EOG Y Resources Inc.	104 South 4th St.	Artesia, NM 88210	USPS	9414811899561471577809	7/23/2019
EOG A Resources Inc.	104 South 4th St.	Artesia, NM 88210	USPS	9414811899561471578479	7/23/2019
EOG M Resources Inc.	104 South 4th St.	Artesia, NM 88210	USPS	9414811899561471578547	7/23/2019
Occidental Permian LP	5 Greenway Plaza, Ste. 110	Houston, TX 77046	USPS	9414811899561471577939	7/23/2019
Oxy Y-1 Company	5 Greenway Plaza	Houston, TX 77046	USPS	9414811899561471577113	7/23/2019
Oxy USA Inc.	5 Greenway Plaza, Ste. 110	Houston, TX 77046	USPS	9414811899561471577694	7/23/2019
Marathon Oil Permian LLC	5555 San Felipe Street	Houston, TX 77056	USPS	9414811899561471577748	7/23/2019
Flare Oil Inc.	1919 Hwy 35 North, Ste. 452	Rockport, TX 78382	USPS	9414811899561471577762	7/23/2019

Sean Puryear
 Permian Oilfield Partners, LLC
spuryear@popmidstream.com

Date: 7-23-2019

U.S. Postal Service Certified Mail Receipt

ARTICLE NUMBER: 9414 8118 9956 1471 5771 13

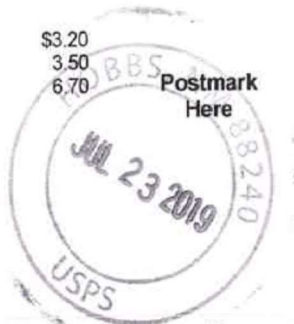
ARTICLE ADDRESSED TO:

Oxy Y-1 Company
5 Greenway Plaza
Houston TX 77046-0526

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6.70



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ARTICLE ADDRESSED TO:

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

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ARTICLE ADDRESSED TO:

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

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Oxy USA Inc
5 Greenway Plaza, Suite 110
Houston TX 77046-0521

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ARTICLE ADDRESSED TO:

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

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ARTICLE ADDRESSED TO:

Chevron USA
6301 Deauville
Midland TX 79706-2964

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ARTICLE ADDRESSED TO:

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

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ARTICLE ADDRESSED TO:

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

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ARTICLE ADDRESSED TO:

Flare Oil Inc
1919 Hwy 35 North, Suite 452
Rockport TX 78382-3344

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Total Postage & Fees:	6.70

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ARTICLE ADDRESSED TO:

Marathon Oil Permian LLC
5555 San Felipe Street
Houston TX 77056-2701

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ARTICLE ADDRESSED TO:

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



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ARTICLE NUMBER: 9414 8118 9956 1471 5785 47

ARTICLE ADDRESSED TO:

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



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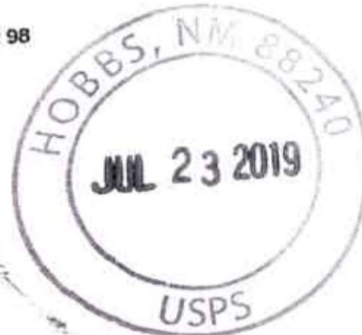
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ARTICLE NUMBER: 9414 8118 9956 1471 5772 98

ARTICLE ADDRESSED TO:

EOG Resources, Inc.
PO Box 2267
Midland TX 79702-2267



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