

Initial Application Part I

Received: 07/09/2019

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

RECEIVED: 07/09/2019	REVIEWER:	TYPE: SWD	APP NO: pMAM1919035815
--------------------------------	-----------	---------------------	----------------------------------

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

SWD-2183

- 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

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

3) **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

 Print or Type Name

Gary E. Fisher

 Signature

 Date

 Phone Number

 e-mail Address

McMillan, Michael, EMNRD

From: McMillan, Michael, EMNRD
Sent: Tuesday, July 9, 2019 9:59 AM
To: 'gfisher@popmidstream.com'
Subject: RE: [EXT] Monsoon #1 checklist

Gary

Your application for the Monsoon Federal SWD was received after the close of business on July 8, 2019. Therefore, the 15-day clock will start on July 9, 2019

Mike

Michael McMillan
1220 South St. Francis
Santa Fe, New Mexico
505-476-3448
Michael.mcmillan@state.nm.us

From: gfisher@popmidstream.com <gfisher@popmidstream.com>
Sent: Tuesday, July 9, 2019 9:53 AM
To: McMillan, Michael, EMNRD <Michael.McMillan@state.nm.us>
Subject: [EXT] Monsoon #1 checklist

Thanks for the help,

Gary Fisher

Permian Oilfield Partners, LLC
PO Box 3329
Hobbs, NM 88241
Mobile (817)606-7630
gfisher@popmidstream.com





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

Re: Amended C-108 Application for SWD Well
Permian Oilfield Partners, LLC
Monsoon Federal SWD #1
Sec. 34, Twp. 25S, Rge. 32E
1700' FNL, 165' FEL
Lea County, NM

Mr. McMillan,

Permian Oilfield Partners LLC requests to amend our previously submitted C-108 for the Monsoon Federal SWD #1, to move the location approximately 1 mile East, as per discussions with leaseholders and operators in the immediate area. This will also avoid a 1.5 mile distance conflict with another nearby Devonian SWD application. Included in this file is the Amended C-108, C-102, 1 & 2 mile area of review map, and list of wells and operators in the 1 mi radius, as well as proof of notice and the affidavit of publication for the Amended location. Also included are a revised fishing assessment and revised seismicity statement. A copy has been mailed to the NMOCD District 1 office in Hobbs.

Please let me know if you have any questions or require any other information.

Thanks & regards,

Gary Fisher

Permian Oilfield Partners, LLC
PO Box 3329
Hobbs, NM 88241
Mobile (817)606-7630
gfisher@popmidstream.com

APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: **Disposal**
Application qualifies for administrative approval? **Yes**
- II. OPERATOR: **Permian Oilfield Partners, LLC.**
ADDRESS: **P.O. Box 1220, Stephenville, TX. 76401**
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: 6-27-2019

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. Previous submission 4-24-2019, relocation approx. 1 mile East due to anti-collision & SWD spacing. Sections V-XIII updated for new location.

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate District Office

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 14,895'

Underlying Potentially Productive Zones:
None

WELLBORE SCHEMATIC

Permian Oilfield Partners, LLC.
Monsoon Federal SWD #1
1700' FNL, 165' FEL
Sec. 34, T25S, R32E, Lea Co. NM
Lat 32.0895734° N, Lon 103.6547982° W
GL 3361', RKB 3391'

Surface - (Conventional)

Hole Size: 26"
Casing: 20" - 94# H-40 STC Casing
Depth Top: Surface
Depth Btm: 1017'
Cement: 665 sks - Class C + Additives
Cement Top: Surface - (Circulate)

Intermediate #1 - (Conventional)

Hole Size: 17.5"
Casing: 13.375" - 54.5# J-55 & 61# J-55 STC Casing
Depth Top: Surface
Depth Btm: 4835'
Cement: 1599 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: 11999'
Cement: 2065 sks - Lite Class C (60:40:0) + Additives
Cement Top: Surface - (Circulate)
ECP/DV Tool: 4935'

Intermediate #3 - (Liner)

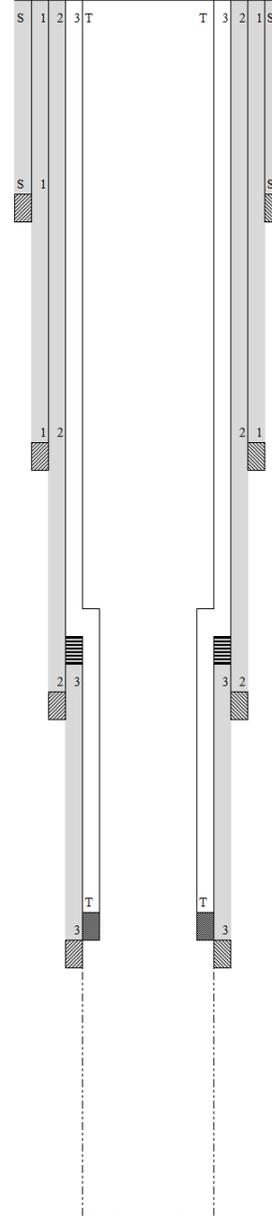
Hole Size: 8.5"
Casing: 7.625" - 39# HCL-80 FJ Casing
Depth Top: 11799'
Depth Btm: 17098'
Cement: 255 sks - Lite Class C (60:40:0) + Additives
Cement Top: 11799' - (Volumetric)

Intermediate #4 - (Open Hole)

Hole Size: 6.5"
Depth: 18522'
Inj. Interval: 17098' - 18522' (Open-Hole Completion)

Tubing - (Tapered)

Tubing Depth: 17053'
Tubing: 7" - 26# HCP-110 FJ Casing & 5.5" 17# HCL-80 FJ Casing (Fiberglass Lined)
X/O Depth: 11799'
X/O: 7" 26# HCP-110 FJ Casing - X - 5.5" 17# HCL-80 FJ Casing (Fiberglass Lined)
Packer Depth: 17063'
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 3,420 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.
 Monsoon Federal SWD #1
 1700' FNL, 165' FEL
 Sec. 34, T25S, R32E, Lea Co. NM
 Lat 32.0895734° N, Lon 103.6547982° W
 GL 3361', RKB 3391'

GEOLOGY PROGNOSIS			
FORMATION	<u>TOP</u> KB TVD (ft)	<u>BOTTOM</u> KB TVD (ft)	<u>THICKNESS</u> (ft)
Salt	1,322	4,574	3,252
Delaware	4,810	8,839	4,029
Bone Spring	8,839	11,949	3,110
Wolfcamp	11,949	12,963	1,014
Lwr. Mississippian	16,521	16,874	353
Woodford	16,874	17,063	189
Devonian	17,063	18,194	1,131
Fusselman (Silurian)	18,194	18,547	353
Montoya (U. Ordovician)	18,547	19,136	589
Simpson (M. Ordovician)	19,136	19,725	589

2. According to the New Mexico Office of the State Engineer and field exploration, there are NO fresh water wells drilled within the proposed well's one-mile area of review. Regionally, shallow fresh water is known to exist at depths less than 646'. 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 and field exploration, there are NO fresh water wells drilled 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 MONSOON FEDERAL SWD			⁶ Well Number 1
⁷ OGRID NO. 328259		⁸ Operator Name PERMIAN OILFIELD PARTNERS, LLC			⁹ Elevation 3361'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
H	34	25S	32E		1700	NORTH	165	EAST	LEA

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.

¹⁶ (C) S 89°31'15" W 2667.89' (D) S 89°19'20" W 2669.95' (E)

GEODETTIC DATA
 NAD 83 GRID - NM EAST

SURFACE LOCATION
 N: 396984.8 - E: 751472.7
 LAT: 32.0895734° N
 LONG: 103.6547982° W

CORNER DATA
 NAD 83 GRID - NM EAST

A: FOUND BRASS CAP "1916"
 N: 393347.5 - E: 746325.4

B: FOUND BRASS CAP "1939"
 N: 395993.2 - E: 746313.4

C: CALCULATED CORNER
 N: 398632.9 - E: 746300.4

D: FOUND BRASS CAP "1939"
 N: 398655.2 - E: 748967.6

E: FOUND BRASS CAP "1939"
 N: 398686.8 - E: 751636.9

F: FOUND BRASS CAP "1939"
 N: 396043.0 - E: 751638.2

G: FOUND BRASS CAP "1916"
 N: 393397.2 - E: 751651.4

H: FOUND BRASS CAP "1916"
 N: 393372.1 - E: 748989.4

(A) N 89°28'15" E 2664.60' (H) N 89°27'36" E 2662.66' (G)

¹⁷ OPERATOR CERTIFICATION

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.

Signature: Gary E. Fisher Date: 6-27-2019

Printed Name: Gary E. Fisher

E-mail Address: gfisher@popmidstream.com

¹⁸ SURVEYOR CERTIFICATION

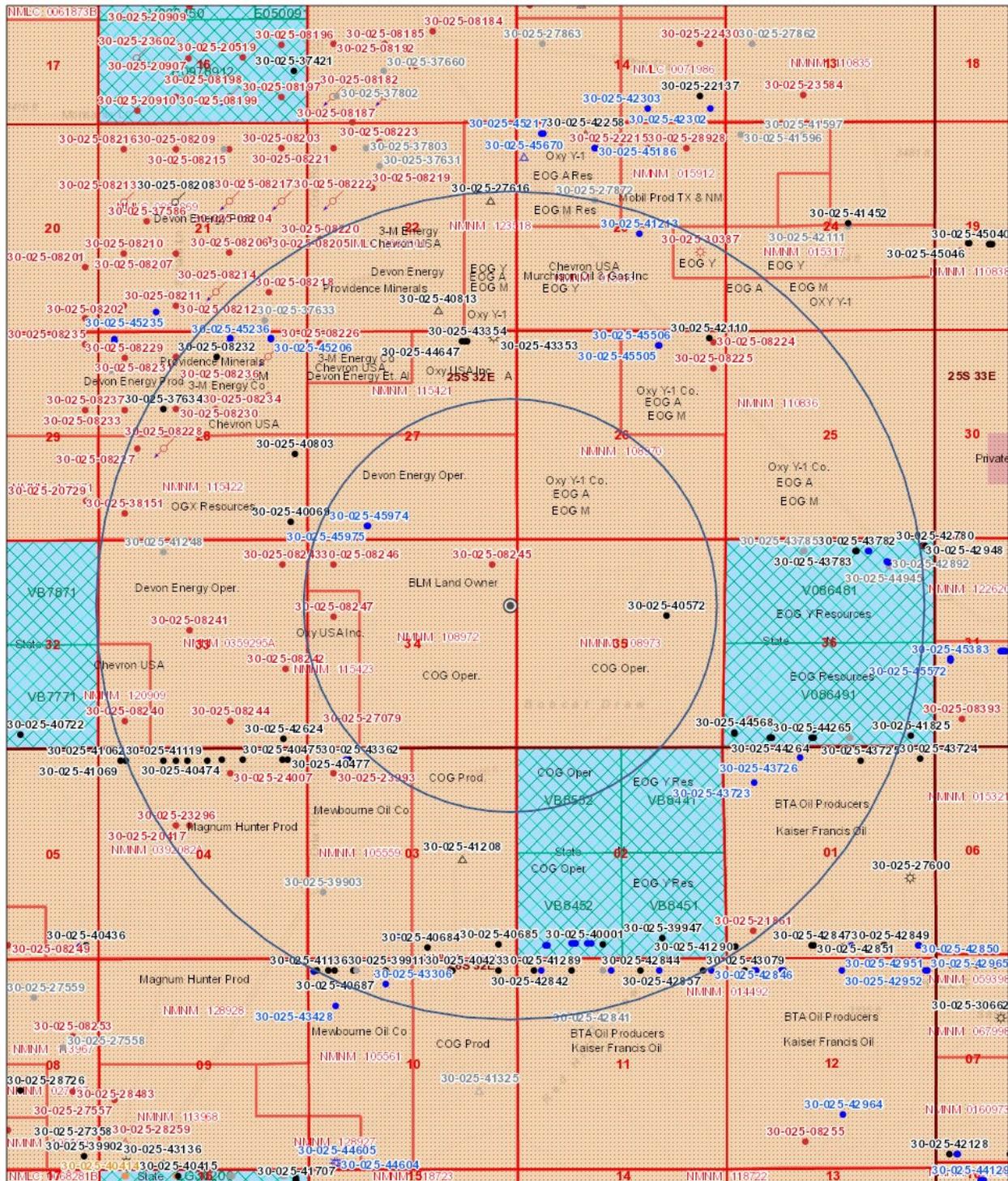
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey: 5-28-2019

Signature and Seal of Professional Surveyor: Jeffrey L. Fansler

10034
 Certificate Number

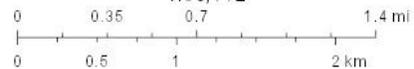
1 & 2 Mile AOR, Monsoon Federal SWD #1



6/4/2019, 7:35:51 PM

1:36,112

- | | | |
|------------------------------|----------------------------------|--|
| Areas | CO2 New | Oil, Active |
| Override 1 | CO2, Plugged | Oil, Cancelled |
| Override 2 | CO2, Temporarily Abandoned | Oil, New |
| Override 1 | Gas Active | Oil, Plugged |
| Well Locations - Small Scale | Gas, Cancelled, Never Drilled | Oil, Temporarily Abandoned |
| Active | Gas, New | Salt Water Injection, Active |
| New | Gas, Plugged | Salt Water Injection, Cancelled |
| Plugged | Gas, Temporarily Abandoned | Salt Water Injection, New |
| Cancelled | Injection, Active | Salt Water Injection, Plugged |
| Temporarily Abandoned | Injection, Cancelled | Salt Water Injection Temporarily Abandoned |
| Well Locations - Large Scale | Injection, New | Water, Active |
| CO2 Active | Injection, Plugged | Water, Cancelled |
| CO2 Cancelled | Injection, Temporarily Abandoned | Water, New |



US Census Bureau, NMDOT
 U.S. BLM
 Sources: Esri, HERE, Garmin, Intermap, increment P Corp.,
 GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL,

Monsoon 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
30-025-08245	PRE-ONGARD WELL OPERATOR	PRE-ONGARD WELL	#001	Oil	Vertical	Plugged, Site Released	34	T25S	R32E	A	A-34-25S-32E 660 FNL 660 FEL	A-34-25S-32E 660 FNL 660 FEL	DELAWARE	4747	4747
30-025-08246	PRE-ONGARD WELL OPERATOR	PRE-ONGARD WELL	#001	Oil	Vertical	Plugged, Site Released	34	T25S	R32E	D	D-34-25S-32E 660 FNL 660 FWL	D-34-25S-32E 660 FNL 660 FWL	DELAWARE	4833	4833
30-025-08247	PRE-ONGARD WELL OPERATOR	PRE-ONGARD WELL	#001	Oil	Vertical	Plugged, Site Released	34	T25S	R32E	E	E-34-25S-32E 1980 FNL 660 FWL	E-34-25S-32E 1980 FNL 660 FWL	DELAWARE	4646	4646
30-025-40572	COG OPERATING LLC	HARRIER 35 FEDERAL COM	#001H	Oil	Horizontal	Active	35	T25S	R32E	G	G-35-25S-32E 1980 FNL 1500 FEL	G-34-25S-32E 1879 FNL 2154 FEL	BONE SPRING	16394	11920
30-025-45829	COG OPERATING LLC	HARRIER FEDERAL COM	#103H	Oil	Horizontal	New	35	T25S	R32E	D	D-35-25S-32E 435 FNL 232 FWL	M-02-26S-32E 50 FSL 10 FWL	BONE SPRING	19513	9200
30-025-45831	COG OPERATING LLC	HARRIER FEDERAL COM	#202H	Oil	Horizontal	New	35	T25S	R32E	D	D-35-25S-32E 435 FNL 262 FWL	M-02-26S-32E 50 FSL 240 FWL	BONE SPRING	19618	9300
30-025-45974	DEVON ENERGY PRODUCTION COMPANY, LP	HAFLINGER 27 22 FEDERAL COM	#231H	Oil	Horizontal	New	27	T25S	R32E	N	N-27-25S-32E 325 FSL 1515 FWL	D-22-25S-32E 20 FNL 990 FWL	BONE SPRING	20942	10670
30-025-45975	DEVON ENERGY PRODUCTION COMPANY, LP	HAFLINGER 27 22 FEDERAL COM	#232H	Oil	Horizontal	New	27	T25S	R32E	N	N-27-25S-32E 325 FSL 1545 FWL	C-22-25S-32E 20 FNL 2310 FWL	BONE SPRING	20969	10670



Statement of Notifications

Re: Amendment to C-108 Application for SWD Well
 Permian Oilfield Partners, LLC
 Monsoon Federal SWD #1
 Sec. 34, Twp. 25S, Rge. 32E
 1700' FNL, 165' FEL
 Lea County, NM

Permian Oilfield Partners, LLC has mailed notifications to offset operators, mineral owners, lessees and the surface owner as per the following list:

Monsoon Federal SWD #1 - List of Affected Persons					
Operator Name	Operator Address	Operator City, State, ZIP Code	Shipper	Tracking No.	Mailing Date
Devon Energy Production Company LP	333 West Sheridan Ave.	Oklahoma City, OK 73102	USPS	9414811899561454884610	7/8/2019
Devon Energy Operating Company LP	PO Box 4000	The Woodlands, TX 77387	USPS	9414811899561454889554	7/8/2019
COG Production, LLC	600 West Illinois Avenue	Midland, TX 79701	USPS	9414811899561454886263	7/8/2019
COG Operating LLC	600 West Illinois Avenue	Midland, TX 79701	USPS	9414811899561454881657	7/8/2019
Mewbourne Oil Co	P.O. Box 5270	Hobbs, NM 88241	USPS	9414811899561454528866	7/8/2019
EOG Y Resources Inc	104 South 4th Street	Artesia, NM 88210-2123	USPS	9414811899561454803512	7/8/2019
EOG A Resources Inc	104 South 4th Street	Artesia, NM 88210-2123	USPS	9414811899561454315602	7/8/2019
EOG M Resources Inc	104 South 4th Street	Artesia, NM 88210-2123	USPS	9414811899561454312496	7/8/2019
Magnum Hunter Production Inc	600 N. Marienfeld St., Suite 600	Midland, TX 79701	USPS	9414811899561454322006	7/8/2019
Oxy USA INC	5 Greenway Plaza Suite 110	Houston, TX 77046	USPS	9414811899561454350771	7/8/2019
Oxy Y-1 Company	5 Greenway Plaza	Houston, TX 77046	USPS	9414811899561454350931	7/8/2019
Bureau of Land Management	620 E Greene St	Carlsbad, NM 88220	USPS	9414811899561454358159	7/8/2019
New Mexico State Land Office	310 Old Santa Fe Trail	Santa Fe, NM 87501	USPS	9414811899561454322075	7/8/2019

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

Date: 7-8-2019

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

ARTICLE NUMBER: 9414 8118 9956 1454 8846 10

ARTICLE ADDRESSED TO:

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



FEES
Postage Per Piece \$3.05
Certified Fee 3.50
Total Postage & Fees: 6.55

Postmark
Here

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

ARTICLE NUMBER: 9414 8118 9956 1454 8895 54

ARTICLE ADDRESSED TO:

Devon Energy Operating Company LP
PO Box 4000
The Woodlands TX 77387



FEES
Postage Per Piece \$3.05
Certified Fee 3.50
Total Postage & Fees: 6.55

Postmark
Here

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

ARTICLE NUMBER: 9414 8118 9956 1454 8862 63

ARTICLE ADDRESSED TO:

COG Production, LLC
600 W. Illinois Ave.
Midland TX 79701-4882



FEES
Postage Per Piece \$3.05
Certified Fee 3.50
Total Postage & Fees: 6.55

Postmark
Here

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

ARTICLE NUMBER: 9414 8118 9956 1454 8816 57

ARTICLE ADDRESSED TO:

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



FEES
Postage Per Piece \$3.05
Certified Fee 3.50
Total Postage & Fees: 6.55

Postmark
Here

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

ARTICLE NUMBER: 9414 8118 9956 1454 8035 12

ARTICLE ADDRESSED TO:

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



FEES
Postage Per Piece \$3.05
Certified Fee 3.50
Total Postage & Fees: 6.55

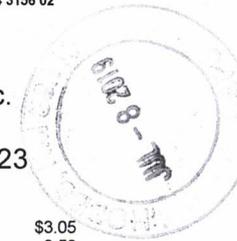
Postmark
Here

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

ARTICLE NUMBER: 9414 8118 9956 1454 3156 02

ARTICLE ADDRESSED TO:

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



FEES
Postage Per Piece \$3.05
Certified Fee 3.50
Total Postage & Fees: 6.55

Postmark
Here

U.S. Postal Service Certified Mail Receipt

ARTICLE NUMBER: 9414 8118 9956 1454 3124 96

ARTICLE ADDRESSED TO:

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

FEES	
Postage Per Piece	\$3.05
Certified Fee	3.50
Total Postage & Fees:	6.55

Postmark
Here



U.S. Postal Service Certified Mail Receipt

ARTICLE NUMBER: 9414 8118 9956 1454 3220 06

ARTICLE ADDRESSED TO:

Magnum Hunter Production Inc.
600 N. Marienfeld St., Suite 600
Midland TX 79701-4405

FEES	
Postage Per Piece	\$3.05
Certified Fee	3.50
Total Postage & Fees:	6.55

Postmark
Here



U.S. Postal Service Certified Mail Receipt

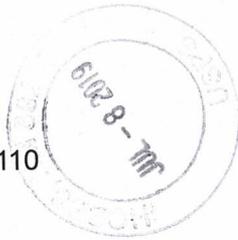
ARTICLE NUMBER: 9414 8118 9956 1454 3507 71

ARTICLE ADDRESSED TO:

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

FEES	
Postage Per Piece	\$3.05
Certified Fee	3.50
Total Postage & Fees:	6.55

Postmark
Here



U.S. Postal Service Certified Mail Receipt

ARTICLE NUMBER: 9414 8118 9956 1454 3509 31

ARTICLE ADDRESSED TO:

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

FEES	
Postage Per Piece	\$3.05
Certified Fee	3.50
Total Postage & Fees:	6.55

Postmark
Here



U.S. Postal Service Certified Mail Receipt

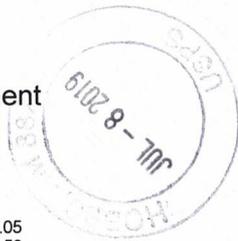
ARTICLE NUMBER: 9414 8118 9956 1454 3581 59

ARTICLE ADDRESSED TO:

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

FEES	
Postage Per Piece	\$3.05
Certified Fee	3.50
Total Postage & Fees:	6.55

Postmark
Here



U.S. Postal Service Certified Mail Receipt

ARTICLE NUMBER: 9414 8118 9956 1454 3220 75

ARTICLE ADDRESSED TO:

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

FEES	
Postage Per Piece	\$3.05
Certified Fee	3.50
Total Postage & Fees:	6.55

Postmark
Here

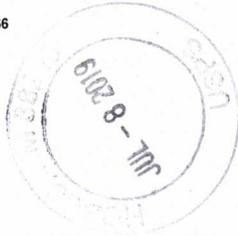


U.S. Postal Service **Certified Mail Receipt**

ARTICLE NUMBER: 9414 8118 9956 1454 5288 66

ARTICLE ADDRESSED TO:

Mewbourne Oil Co.
PO Box 5270
Hobbs NM 88241-5270



FEES

Postage Per Piece	\$3.05
Certified Fee	3.50
Total Postage & Fees:	6.55

**Postmark
Here**

Affidavit of Publication

STATE OF NEW MEXICO
COUNTY OF LEA

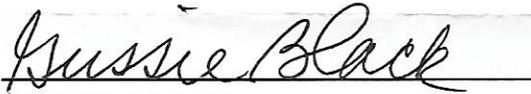
I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

Beginning with the issue dated
June 21, 2019
and ending with the issue dated
June 21, 2019.



Publisher

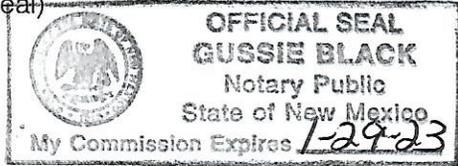
Sworn and subscribed to before me this
21st day of June 2019.



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

**LEGAL NOTICE
JUNE 21, 2019**
**Newspaper Publication
Notice**
Permian Oilfield Partners, LLC, PO Box 1220, Stephenville, TX 76401, phone (817)606-7630, attention Gary Fisher, has filed an Amended 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 name is the Monsoon Federal SWD #1, and the amended application seeks to relocate the well to 1700' FNL & 165' FEL, Unit Letter H, Section 34, Township 25 South, Range 32 East, NMPM, approximately 27.0 miles west of Jal, NM. The well will dispose of water produced from nearby oil and gas wells into the Devonian formation from a depth of 17,098 feet to 18,522 feet. The maximum expected injection rate is 50,000 BWP/D at a maximum surface injection pressure of 3,420 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.
#34338

67115647

00229874

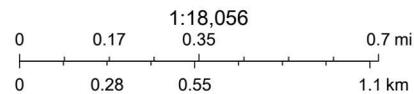
GARY FISHER
PERMIAN OILFIELD PARTNERS, LLC
PO BOX 1220
STEPHENVILLE , TX 76401

Water Wells in 1 Mile, Monsoon Federal SWD #1-Amended



6/27/2019, 9:15:42 AM

- Override 1
- PLSS First Division
- PLSS Second Division
- PLSS Townships



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community



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	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	DepthWell	DepthWater	Water Column
C 02271	R	CUB	LE	2	3	21	26S	32E		624449	3544111*	150	125	25
C 02271 POD2		CUB	LE	3	2	3	21	26S	32E	624348	3544010*	270	250	20
C 02274		CUB	LE	2	1	2	31	26S	32E	621742	3541730*	300	295	5
C 02323		C	LE	3	2	3	21	26S	32E	624348	3544010*	405	405	0
C 03537 POD1		CUB	LE	3	2	3	21	26S	32E	624250	3543985	850		
C 03595 POD1		CUB	LE	4	2	3	21	26S	32E	624423	3544045	280	180	100
C 03829 POD1		CUB	LE	3	3	1	06	26S	32E	620628	3549186	646	350	296
C 04209 POD1		CUB	LE	2	3	3	06	26S	32E	620903	3548619	360	155	205
C 04209 POD2		C	LE	2	3	3	06	26S	32E	620818	3548657	340	155	185

Average Depth to Water: **239 feet**
 Minimum Depth: **125 feet**
 Maximum Depth: **405 feet**

Record Count: 9

PLSS Search:

Township: 26S **Range:** 32E

*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.

4/22/19 7:31 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER



Item XII. Affirmative Statement

Re: C-108 Application for SWD Well
Permian Oilfield Partners, LLC
Monsoon Federal SWD #1
Sec. 34, Twp. 25S, Rge. 32E
1700' FNL, 165' FEL
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: 06/27/2019