

AE Order Number Banner

Application Number: pMSG2323038040

SWD-2551

Permian Oilfield Partners, LLC [328259]

Revised March 23, 2017

RECEIVED:	REVIEWER:	TYPE:	APP NO:
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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: Permian Oilfield Partners, LLC. OGRID Number: 328259
 Well Name: Browning 26 Federal SWD #1 API: 30-015-Pending
 Pool: SWD; Devonian-Silurian Pool Code: 97869

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.

Sean Puryear

Print or Type Name

Signature

7-14-2023

Date

817-600-8772

Phone Number

spuryear@popmidstream.com


e-mail Address

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL
RESOURCES DEPARTMENT

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

FORM C-108
Revised June 10, 2003

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: **7-17-2023**
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: _____

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

Side 2

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.

III A: See attached wellbore diagram.

III B:

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 12,193'

Underlying Potentially Productive Zones:

None

IV: Is this an expansion of an existing project? No.

V: See attached Area of Review Analysis.

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 2,439 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 the NMT Go-Tech website. See attached Fluid Analyses.
5. Devonian water analyses from the area of review are unavailable. Representative water analyses were sourced from the NMT Go-Tech website. See attached Fluid Analyses.

VIII:

- 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 and limestone carbonates & chert, followed by the 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 10%, 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 migration to USDW's, a low permeability carbonate barrier underlying the injection interval to prevent downward fluid migration, 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.

GEOLOGY PROGNOSIS			
FORMATION	TOP	BOTTOM	THICKNESS
	KB TVD (ft)	KB TVD (ft)	(ft)
Rustler	358	1,582	1,224
Salt	405	1,168	763
Yates	1,168	1,582	414
Seven Rivers	1,582	2,158	576
San Andres	3,007	3,905	898
Leonard	3,905	8,866	4,961
Wolfcamp	8,866	9,998	1,132
Lwr. Mississippian	11,699	12,144	445
Woodford	12,144	12,193	49
Devonian	12,193	12,597	404
Fusselman (Silurian)	12,597	12,965	368
Montoya (U. Ordovician)	12,965	13,187	222
Simpson (M. Ordovician)	13,187	13,375	188

- Regional shallow fresh water in the Quaternary is known to exist at depths less than 320'. See attached OSE Water Column Depth table for the region. Depth from the bottom of this USDW to the injection zone is 11,873'. There is no USDW 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 is 1 fresh water POD within the proposed well's one-mile area of review. See table below for POD statuses, and attached 1 mile AOR water well map showing location of POD in the AOR.

Well Name	Formation Name	Top Depth	Bottom Depth	Thickness	Status
CP 00863	Quaternary		320		Plugged, Dry Hole, No Sample

- 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	² Pool Code 97869	³ Pool Name SWD; DEVONIAN-SILURIAN
⁴ Property Code	⁵ Property Name BROWNING 26 FEDERAL SWD	⁶ Well Number 1
⁷ OGRID NO. 328259	⁸ Operator Name PERMIAN OILFIELD PARTNERS, LLC	⁹ Elevation 3439'

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
E	26	18S	29E		2197	NORTH	300	WEST	EDDY

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
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12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
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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

S 89°46'28" W 2636.88'

S 89°53'01" W 2633.95'

S 00°09'27" E 2640.98'

2197'

S.L.

300'

26

S 00°10'01" E 2639.98'

S 89°49'27" W 2635.34'

S 89°47'01" W 2633.90'

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: *Sean Puryear* Date: 05/24/23

Sean Puryear

Printed Name

spuryear@popmidstream.com

E-mail Address

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.

03/15/22

Date of Survey

Signature and Seal of Professional Surveyor

19680

Certificate Number

Job No.: 1522020093

III (A)

WELL CONSTRUCTION DATA

Permian Oilfield Partners, LLC.
Browning 26 Federal SWD #1
2197' FNL, 300' FWL
Sec. 26, T18S, R29E, Eddy Co. NM
Lat 32.7196870° N, Lon -104.0530107° W
GL 3439', RKB 3469'

Surface - (Conventional)

Hole Size: 26" Casing: 20" - 94# J-55 BTC Casing
Depth Top: Surface
Depth Btm: 383'
Cement: 809 sks - Class C + Additives (100% Excess)
Cement Top: Surface - (Circulate)

Intermediate #1 - (Conventional)

Hole Size: 17.5" Casing: 13.375" - 54.5# J-55 BTC Casing
Depth Top: Surface
Depth Btm: 1532'
Cement: 651 sks - Class C + Additives
Cement Top: Surface - (Circulate)

Intermediate #2 - (Conventional)

Hole Size: 12.25" Casing: 9.625" - 40# HCL-80 BTC Casing
Depth Top: Surface
Depth Btm: 8916'
Cement: 1313 sks - Class C + Additives
Cement Top: Surface - (Circulate)

Intermediate #3 - (Liner)

Hole Size: 8.75" Casing: 7.625" - 39# HCL-80 FJ Casing
Depth Top: 8716'
Depth Btm: 12228'
Cement: 216 sks - Class H + Additives
Cement Top: 8716' - (Circulate & Bond Log)

Intermediate #4 - (Open Hole)

Hole Size: 6.5" Depth: 12940'
Inj. Interval: 12228' - 12940' (Open-Hole Completion)

Tubing - (Tapered)

Tubing Depth: 12183' Tubing: 7" - 26# HCP-110 FJ Casing & 5.5" 17# HCL-80 FJ Casing (Fiberglass Lined)
X/O Depth: 8716'
X/O: 7" 26# HCP-110 FJ Casing - X - 5.5" 17# HCL-80 FJ Casing (Fiberglass Lined)
Packer Depth: 12193' Packer: 5.5" - Perma-Pak or Equivalent (Inconel)
Packer Fluid: 8.4 ppg FW + Additives

III (A)

WELLBORE SCHEMATIC

Permian Oilfield Partners, LLC.
 Browning 26 Federal SWD #1
 2197' FNL, 300' FWL
 Sec. 26, T18S, R29E, Eddy Co. NM
 Lat 32.7196870° N, Lon -104.0530107° W
 GL 3439', RKB 3469'

Surface - (Conventional)

Hole Size: 26"
 Casing: 20" - 94# J-55 BTC Casing
 Depth Top: Surface
 Depth Btm: 383'
 Cement: 809 sks - Class C + Additives (100% Excess)
 Cement Top: Surface - (Circulate)

Intermediate #1 - (Conventional)

Hole Size: 17.5"
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 Depth Top: Surface
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 Cement: 651 sks - Class C + Additives
 Cement Top: Surface - (Circulate)

Intermediate #2 - (Conventional)

Hole Size: 12.25"
 Casing: 9.625" - 40# HCL-80 BTC Casing
 Depth Top: Surface
 Depth Btm: 8916'
 Cement: 1313 sks - Class C + Additives
 Cement Top: Surface - (Circulate)

Intermediate #3 - (Liner)

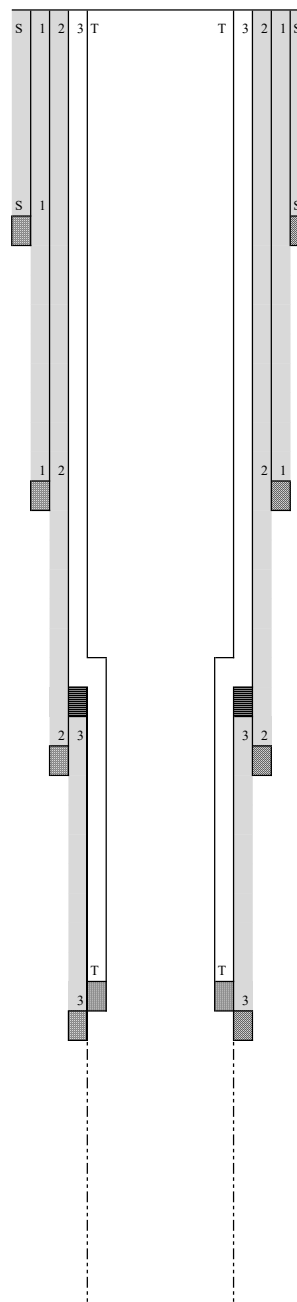
Hole Size: 8.75"
 Casing: 7.625" - 39# HCL-80 FJ Casing
 Depth Top: 8716'
 Depth Btm: 12228'
 Cement: 216 sks - Class H + Additives
 Cement Top: 8716' - (Circulate & Bond Log)

Intermediate #4 - (Open Hole)

Hole Size: 6.5"
 Depth: 12940'
 Inj. Interval: 12228' - 12940' (Open-Hole Completion)

Tubing - (Tapered)

Tubing Depth: 12183'
 Tubing: 7" - 26# HCP-110 FJ Casing & 5.5" 17# HCL-80 FJ Casing (Fiberglass Lined)
 X/O Depth: 8716'
 X/O: 7" 26# HCP-110 FJ Casing - X - 5.5" 17# HCL-80 FJ Casing (Fiberglass Lined)
 Packer Depth: 12193'
 Packer: 5.5" - Perma-Pak or Equivalent (Inconel)
 Packer Fluid: 8.4 ppg FW + Additives



XIII.



PERMIAN OILFIELD
PARTNERS

Statement of Notifications

Re: C-108 Application for SWD Well
Permian Oilfield Partners, LLC
Browning 26 Federal SWD #1
2197' FSL & 300' FWL
Sec 26, T18S, R29E
Eddy County, NM

Permian Oilfield Partners, LLC has mailed notifications to affected persons as per the following list:

Browning 26 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	9414 8118 9956 2029 0168 70	7/21/2023
CANNON EXPLORATION CO	3608 S County Road 1184	Midland, TX, 79706	USPS	9414 8118 9956 2029 0167 64	7/21/2023
CHEVRON U S A INC	6301 Deauville Blvd	Midland, TX 79706	USPS	9414 8118 9956 2029 0167 95	7/21/2023
CIBOLA LAND CORP	1429 Central Ave NW	Albuquerque, NM 87104	USPS	9414 8118 9956 2029 0167 40	7/21/2023
CIMAREX ENERGY CO. OF COLORADO	600 N. Marienfeld Street, Suite 600	Midland, TX 79701	USPS	9414 8118 9956 2029 0167 71	7/21/2023
COG OPERATING LLC	600 W Illinois Ave	Midland, TX 79701	USPS	9414 8118 9956 2029 0169 55	7/21/2023
DAVID G HAMMOND	P.O. Box 1538	Artesia, NM 88211	USPS	9414 8118 9956 2029 0169 24	7/21/2023
DENTON OIL CO	P.O. Box 1252	Artesia, NM 88210	USPS	9414 8118 9956 2029 0169 48	7/21/2023
DEVON ENERGY CO LP	333 West Sheridan Ave.	Oklahoma City, OK 73102	USPS	9414 8118 9956 2029 0166 10	7/21/2023
EOG M RESOURCES, INC.	P.O. Box 840	Artesia, NM 88211	USPS	9414 8118 9956 2029 0166 65	7/21/2023
EOG RESOURCES INC	P.O. Box 2267	Midland, TX 79702	USPS	9414 8118 9956 2029 0166 27	7/21/2023
FRED BRAINARD ESTATE	PO Box 368	Artesia, New Mexico 88211	USPS	9414 8118 9956 2029 0166 41	7/21/2023
LEGACY RESERVES OPERATING, LP	15 Smith Road, Suite 3000	Midland, TX 79705	USPS	9414 8118 9956 2029 0166 72	7/21/2023
MEWBOURNE OIL CO	P.O. Box 5270	Hobbs, NM 88241	USPS	9414 8118 9956 2029 0161 53	7/21/2023
MRC PERMIAN CO	5400 Lyndon B Johnson Fwy Ste 1500	Dallas, TX, 75240	USPS	9414 8118 9956 2029 0161 91	7/21/2023
New Mexico State Land Office	310 Old Santa Fe Trail	Santa Fe, NM 87501	USPS	9414 8118 9956 2029 0161 46	7/21/2023
OXY USA WTP LP	5 East Greenway Plaza, Suite 110	Houston, TX 77210	USPS	9414 8118 9956 2029 0161 39	7/21/2023
PREMIER OIL & GAS INC	PO Box 837205	Richardson, TX 75083	USPS	9414 8118 9956 2029 0161 77	7/21/2023
RAY WESTALL OPERATING, INC.	P.O. Box 4	Loco Hills, NM 88255	USPS	9414 8118 9956 2029 0163 13	7/21/2023
WPX ENERGY PERMIAN LLC	3500 One Williams Ctr	Tulsa, OK, 74172	USPS	9414 8118 9956 2029 0163 51	7/21/2023

Date: 7/21/2023

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

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

ARTICLE NUMBER: 9414 8118 9956 2029 0168 70

ARTICLE ADDRESSED TO:

Bureau of Land Management
620 E GREENE ST
CARLSBAD NM 88220-6292

FEES

Postage Per Piece	\$4.750
Certified Fee	4.350
Total Postage & Fees:	9.100



Postmark
Here

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

ARTICLE NUMBER: 9414 8118 9956 2029 0167 64

ARTICLE ADDRESSED TO:

Cannon Exploration Co
3608 S COUNTY ROAD 1184
MIDLAND TX 79706-6468

FEES

Postage Per Piece	\$4.750
Certified Fee	4.350
Total Postage & Fees:	9.100



Postmark
Here

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

ARTICLE NUMBER: 9414 8118 9956 2029 0167 95

ARTICLE ADDRESSED TO:

Chevron USA
6301 DEAUVILLE
MIDLAND TX 79706-2964

FEES

Postage Per Piece	\$4.750
Certified Fee	4.350
Total Postage & Fees:	9.100



Postmark
Here

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

ARTICLE NUMBER: 9414 8118 9956 2029 0167 40

ARTICLE ADDRESSED TO:

Cibola Land Corp
1429 CENTRAL AVE NW STE 2
ALBUQUERQUE NM 87104-1162

FEES

Postage Per Piece	\$4.750
Certified Fee	4.350
Total Postage & Fees:	9.100



Postmark
Here

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

ARTICLE NUMBER: 9414 8118 9956 2029 0167 71

ARTICLE ADDRESSED TO:

Cimarex Energy Co. of Colorado
600 N MARIENFELD ST STE 600
MIDLAND TX 79701-4405

FEES

Postage Per Piece	\$4.750
Certified Fee	4.350
Total Postage & Fees:	9.100



Postmark
Here

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


ARTICLE NUMBER: 9414 8118 9956 2029 0169 55

ARTICLE ADDRESSED TO:

COG Operating LLC
600 W ILLINOIS AVE
MIDLAND TX 79701-4882

FEES

Postage Per Piece	\$4.750
Certified Fee	4.350
Total Postage & Fees:	9.100



Postmark
Here

U.S. Postal Service Certified Mail Receipt

ARTICLE NUMBER: 9414 8118 9956 2029 0169 24

ARTICLE ADDRESSED TO:

David G Hammond
PO BOX 1538
ARTESIA NM 88211-1538

FEES

Postage Per Piece	\$4.750
Certified Fee	4.350
Total Postage & Fees:	9.100



U.S. Postal Service Certified Mail Receipt

ARTICLE NUMBER: 9414 8118 9956 2029 0169 48

ARTICLE ADDRESSED TO:

Denton Oil Co
PO BOX 1252
ARTESIA NM 88211-1252

FEES

Postage Per Piece	\$4.750
Certified Fee	4.350
Total Postage & Fees:	9.100



U.S. Postal Service Certified Mail Receipt

ARTICLE NUMBER: 9414 8118 9956 2029 0166 10

ARTICLE ADDRESSED TO:

Devon Energy Production Co., LP
333 W SHERIDAN AVE
OKLAHOMA CITY OK 73102-5010

FEES

Postage Per Piece	\$4.750
Certified Fee	4.350
Total Postage & Fees:	9.100



U.S. Postal Service Certified Mail Receipt

ARTICLE NUMBER: 9414 8118 9956 2029 0166 65

ARTICLE ADDRESSED TO:

EOG M Resources, Inc.
PO BOX 840
ARTESIA NM 88211-0840

FEES

Postage Per Piece	\$4.750
Certified Fee	4.350
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ARTICLE ADDRESSED TO:

EOG Resources, Inc.
PO BOX 2267
MIDLAND TX 79702-2267

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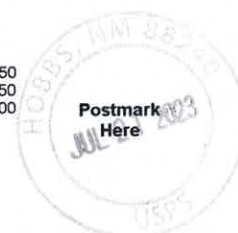
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ARTICLE ADDRESSED TO:

Fred Brainard Estate
PO BOX 368
ARTESIA NM 88211-0321

FEES

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ARTICLE ADDRESSED TO:

Legacy Reserves Operating LP
15 SMITH RD STE 3000
MIDLAND TX 79705-5461

FEES

Postage Per Piece	\$4.750
Certified Fee	4.350
Total Postage & Fees:	9.100

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ARTICLE NUMBER: 9414 8118 9956 2029 0161 53

ARTICLE ADDRESSED TO:

Mewbourne Oil Co.
PO BOX 5270
HOBBS NM 88241-5270

FEES

Postage Per Piece	\$4.750
Certified Fee	4.350
Total Postage & Fees:	9.100

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ARTICLE NUMBER: 9414 8118 9956 2029 0161 01

ARTICLE ADDRESSED TO:

MRC Permian Company
5400 LYNDON B JOHNSON FWY STE 1500
DALLAS TX 75240-1017

FEES

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Certified Fee	4.350
Total Postage & Fees:	9.100

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ARTICLE ADDRESSED TO:

New Mexico State Land Office
310 OLD SANTA FE TRL
SANTA FE NM 87501-2708

FEES

Postage Per Piece	\$4.750
Certified Fee	4.350
Total Postage & Fees:	9.100

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ARTICLE NUMBER: 9414 8118 9956 2029 0161 39

ARTICLE ADDRESSED TO:

Oxy USA WTP LP
5 GREENWAY PLZ STE 110
HOUSTON TX 77046-0521

FEES

Postage Per Piece	\$4.750
Certified Fee	4.350
Total Postage & Fees:	9.100

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ARTICLE NUMBER: 9414 8118 9956 2029 0161 77

ARTICLE ADDRESSED TO:

Premier Oil & Gas Inc.
PO BOX 837205
RICHARDSON TX 75083-7205

FEES

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Certified Fee	4.350
Total Postage & Fees:	9.100

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ARTICLE NUMBER: 9414 8118 9956 2029 0163 13

ARTICLE ADDRESSED TO:

Ray Westall Operating, Inc.
PO BOX 4
LOCO HILLS NM 88255-0004

FEES

Postage Per Piece	\$4.750
Certified Fee	4.350
Total Postage & Fees:	9.100

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JUL 21 2023

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ARTICLE NUMBER: 9414 8118 9956 2029 0163 51

ARTICLE ADDRESSED TO:

WPX Energy Permian LLC
3500 ONE WILLIAMS CTR
TULSA OK 74172-0135

FEES

Postage Per Piece	\$4.750
Certified Fee	4.350
Total Postage & Fees:	9.100

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JUL 21 2023

Affidavit of Publication

Released to Imaging: 8/18/2023 10:42:14 AM

No. 26175

Publisher:

County of Eddy:

Publisher

I am duly sworn says that he is the

of the Artesia Daily Press, a daily newspaper of General
publication, published in English at Artesia, said county
of state, and that the hereto attached

Legal Ad

published in a regular and entire issue of the said
Artesia Daily Press, a daily newspaper duly qualified
for that purpose within the meaning of Chapter 167 of
the 1937 Session Laws of the state of New Mexico for

1 Consecutive weeks/day on the same
day as follows:

First Publication June 16, 2022

Second Publication

Third Publication

Fourth Publication

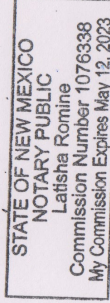
Fifth Publication

Sixth Publication

Seventh Publication

Subscribed and sworn before me this

16th day of June 2022



Latisha Romine

Latisha Romine

Notary Public, Eddy County, New Mexico

Copy of Publication:

Legal Notice

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 Eddy County, New Mexico. The well is the Browning 26 Federal SWD #1, and is located 2197 FNL & 300' FWL, Unit E, Section 26, Township 18 South, Range 29 East, NMPM, approximately 8 mi SW of Loco Hills, NM. The well will dispose of water produced from nearby oil and gas wells into the Devonian formation from a depth of 12,193 feet to 12,965 feet. The maximum expected injection rate is 50,000 BWPD at a maximum surface injection pressure of 2,439 psi.

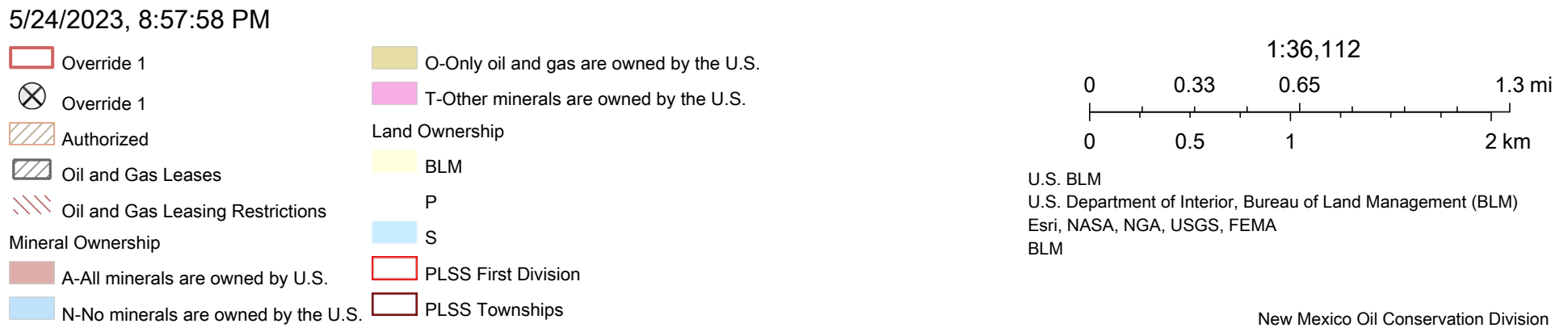
Interested parties must file objections or requests for hearing with the New Mexico Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico, 87505 within 15 days.

Published in the Artesia Daily Press, Artesia, N.M., June 16, 2022 Legal No. 26175.

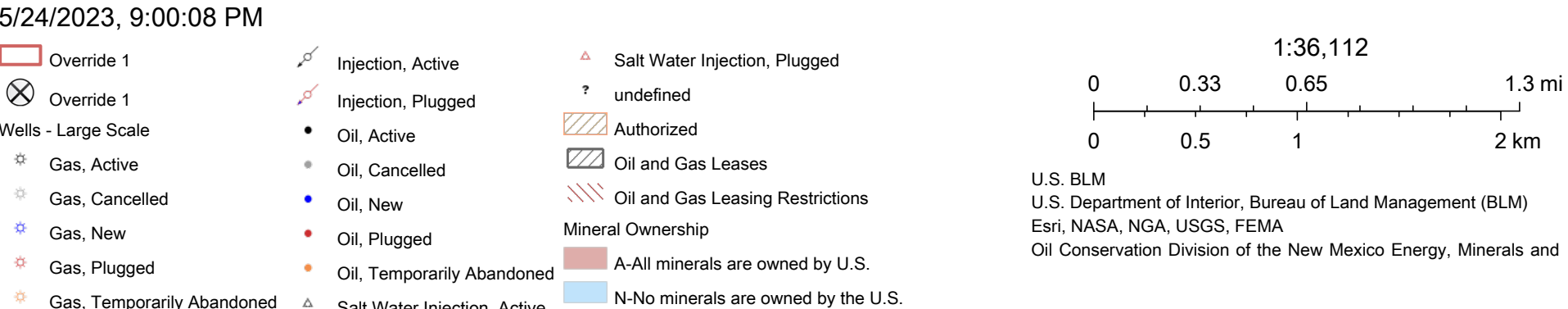
Received by OCD: 8/18/2023 10:39:13 AM

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Browning 26 Federal SWD #1, 1 & 2 Mile AOR, Leases



V (b)



V (c)

Browning 26 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
30-015-49294	MEWBOURNE OIL CO	PUMA BLANCA 22 B2PM FEDERAL COM	#001H	Oil	Horizontal	New	22	T18S	R29E	P	P-22-18S-29E	900 FSL	420 FEL	P-22-18S-29E	500 FSL	100 FWL	Bone Spring	12,914	7,837
30-015-49315	MEWBOURNE OIL CO	PUMA BLANCA 22 B2IL FEDERAL COM	#001H	Oil	Horizontal	New	22	T18S	R29E	P	P-22-18S-29E	930 FSL	420 FEL	L-22-18S-29E	1980 FSL	100 FWL	Bone Spring	12,971	7,810
30-015-03466	DENTON OIL CO	HOVER	#002	Oil	Vertical	Plugged, Site Released	27	T18S	R29E	L	L-27-18S-29E	1980 FSL	660 FWL	L-27-18S-29E	1980 FSL	660 FWL	Grayburg	2,879	2,879
30-015-24315	DAVID G HAMMOND	DENTON FEDERAL	#005	Oil	Vertical	Active	27	T18S	R29E	D	D-27-18S-29E	790 FNL	990 FWL	D-27-18S-29E	790 FNL	990 FWL	San Andres	3,100	3,100
30-015-23823	COG OPERATING LLC	DENTON FEDERAL	#003	Oil	Vertical	Plugged, Site Released	27	T18S	R29E	F	F-27-18S-29E	1980 FNL	1980 FWL	F-27-18S-29E	1980 FNL	1980 FWL	San Andres	3,100	3,100
30-015-23102	CIMAREX ENERGY CO. OF COLORADO	EMPIRE FEDERAL COM	#001	Gas	Vertical	Plugged, Site Released	27	T18S	R29E	K	K-27-18S-29E	1980 FSL	1980 FWL	K-27-18S-29E	1980 FSL	1980 FWL	Atoka	11,700	11,700
30-015-23853	LEGACY RESERVES OPERATING, LP	DENTON FEDERAL	#004	Oil	Vertical	Plugged, Site Released	22	T18S	R29E	N	N-22-18S-29E	760 FSL	1980 FWL	N-22-18S-29E	760 FSL	1980 FWL	San Andres	3,100	3,100
30-015-23266	CIMAREX ENERGY CO. OF COLORADO	EMPIRE A FEDERAL COM	#001	Gas	Vertical	Plugged, Site Released	27	T18S	R29E	C	C-27-18S-29E	660 FNL	1980 FWL	C-27-18S-29E	660 FNL	1980 FWL	Atoka	11,750	11,750
30-015-23555	COG OPERATING LLC	DENTON FEDERAL	#002	Oil	Vertical	Plugged, Site Released	27	T18S	R29E	K	K-27-18S-29E	1980 FSL	2080 FWL	K-27-18S-29E	1980 FSL	2080 FWL	San Andres	2,780	2,780
30-015-23413	LEGACY RESERVES OPERATING, LP	DENTON FEDERAL	#007	Oil	Vertical	Plugged, Site Released	27	T18S	R29E	C	C-27-18S-29E	660 FNL	2080 FWL	C-27-18S-29E	660 FNL	2080 FWL	San Andres	3,015	3,015
30-015-03493	PRE-ONGARD WELL OPERATOR	PRE-ONGARD WELL	#001	Oil	Vertical	Plugged, Site Released	34	T18S	R29E	B	B-34-18S-29E	990 FNL	2310 FEL	B-34-18S-29E	990 FNL	2310 FEL	Grayburg	3,000	3,000
30-015-24040	PREMIER OIL & GAS INC	YATES PREMIER FEDERAL	#001	Oil	Vertical	Plugged, Site Released	22	T18S	R29E	O	O-22-18S-29E	660 FSL	1980 FEL	O-22-18S-29E	660 FSL	1980 FEL	San Andres	3,200	3,200
30-015-03467	PRE-ONGARD WELL OPERATOR	PRE-ONGARD WELL	#001	Oil	Vertical	Plugged, Site Released	27	T18S	R29E	P	P-27-18S-29E	330 FSL	990 FEL	P-27-18S-29E	330 FSL	990 FEL	Grayburg	2,907	2,907
30-015-24125	PREMIER OIL & GAS INC	YATES PREMIER FEDERAL	#002	Oil	Vertical	Plugged, Site Released	22	T18S	R29E	I	I-22-18S-29E	1650 FSL	990 FEL	I-22-18S-29E	1650 FSL	990 FEL	San Andres	3,300	3,300
30-015-03497	PRE-ONGARD WELL OPERATOR	PRE-ONGARD WELL	#001	Oil	Vertical	Plugged, Site Released	34	T18S	R29E	A	A-34-18S-29E	660 FNL	660 FEL	A-34-18S-29E	660 FNL	660 FEL	San Andres	2,895	2,895
30-015-28172	EOG RESOURCES INC	REFLEX FEDERAL	#001	Gas	Vertical	Active	22	T18S	R29E	I	I-22-18S-29E	1980 FSL	660 FEL	I-22-18S-29E	1980 FSL	660 FEL	Morrow	11,350	11,350
30-015-29618	RAY WESTALL OPERATING, INC.	EMPIRE A FEDERAL	#002	Salt Water Disposal	Vertical	Active	27	T18S	R29E	H	H-27-18S-29E	1650 FNL	660 FEL	H-27-18S-29E	1650 FNL	660 FEL	Morrow	11,404	11,404
30-015-24528	EOG M RESOURCES, INC.	BOULTER FEDERAL	#005	Oil	Vertical	Plugged, Site Released	22	T18S	R29E	P	P-22-18S-29E	660 FSL	660 FEL	P-22-18S-29E	660 FSL	660 FEL	San Andres	3,500	3,500
30-015-24374	PRE-ONGARD WELL OPERATOR	PRE-ONGARD WELL	#001	Oil	Vertical	Plugged, Site Released	23	T18S	R29E	M	M-23-18S-29E	990 FSL	330 FWL	M-23-18S-29E	990 FSL	330 FWL	San Andres	3527	3527
30-015-29022	EOG RESOURCES INC	EAST TURKEY TRACK FEDERAL COM	#002	Gas	Vertical	Plugged, Site Released	26	T18S	R29E	E	E-26-18S-29E	1880 FNL	990 FWL	E-26-18S-29E	1880 FNL	990 FWL	Morrow	11790	11790
30-015-24970	PRE-ONGARD WELL OPERATOR	PRE-ONGARD WELL	#002	Oil	Vertical	Plugged, Site Released	23	T18S	R29E	N	N-23-18S-29E	990 FSL	1650 FWL	N-23-18S-29E	990 FSL	1650 FWL	San Andres	2812	2812
30-015-26269	EOG RESOURCES INC	EAST TURKEY TRACK FEDERAL COM	#001	Oil	Vertical	Active	23	T18S	R29E	K	K-23-18S-29E	1980 FSL	1980 FWL	K-23-18S-29E	1980 FSL	1980 FWL	Upper Penn	11496	11496
30-015-25184	PRE-ONGARD WELL OPERATOR	PRE-ONGARD WELL	#001	Oil	Vertical	Plugged, Site Released	26	T18S	R29E	N	N-26-18S-29E	330 FSL	2310 FWL	N-26-18S-29E	330 FSL	2310 FWL	Grayburg	2920	2920
30-015-30264	EOG RESOURCES INC	EAST TURKEY TRACK FEDERAL COM	#003	Gas	Vertical	Plugged, Site Released	26	T18S	R29E	J	J-26-18S-29E	1732 FSL	1980 FEL	J-26-18S-29E	1732 FSL	1980 FEL	Morrow	11785	11785
30-015-31632	EOG RESOURCES INC	EAST TURKEY TRACK FEDERAL COM	#004	Gas	Vertical	Plugged, Site Released	26	T18S	R29E	P	P-26-18S-29E	660 FSL	529 FEL	P-26-18S-29E	660 FSL	529 FEL	Upper Penn	11915	11915
30-015-38416	EOG RESOURCES INC	EAST TURKEY TRACK FEDERAL COM	#006H	Oil	Horizontal	Active	26	T18S	R29E	I	I-26-18S-29E	2030 FSL	10 FEL	L-26-18S-29E	1974 FSL	342 FWL	Bone Spring	12796	7918
30-015-39826	EOG RESOURCES INC	EAST TURKEY TRACK FEDERAL COM	#071	Oil	Horizontal	New	26	T18S	R29E	H	H-26-18S-29E	2080 FNL	10 FEL	H-26-18S-29E Lot: E	1980 FNL	330 FWL	Bone Spring	12752	7935
30-015-40335	EOG M RESOURCES, INC.	EAST TURKEY TRACK FEDERAL COM	#008H	Oil	Horizontal	Cancelled Apd	26	T18S	R29E	A	A-26-18S-29E	490 FNL	10 FEL	D-26-18S-29E	660 FNL	330 FWL	Bone Spring	12738	7920

VII (4)

Permian Oilfield Partners, LLC.
 Browning 26 Federal SWD #1
 2197' FNL, 300' FWL
 Sec. 26, T18S, R29E, Eddy Co. NM
 Lat 32.7196870° N, Lon 104.0530107° W
 GL 3439', RKB 3469'

Regional Source Water Analysis				
Well Name	INDIAN FLATS BASS FEDERAL #002	COOTER 16 STATE COM #006H	DIAMOND PWU 22 #005H	ZINNIA BKC FEDERAL #001
API	3001521715	3001537876	3001540822	3001527939
Latitude	32.438549	32.123642	32.6514969	32.5462379
Longitude	-104.0594788	-103.9862061	-104.0702057	-104.0686035
Sec	35	16	22	27
Township	21S	25S	19S	20S
Range	28E	29E	29E	29E
Unit	F	O	D	E
Ftg NS	1980N	330S	725N	1980N
Ftg EW	1980W	1650E	330W	910W
County	EDDY	EDDY	EDDY	EDDY
State	NM	NM	NM	NM
Field				
Formation	DELAWARE	AVALON UPPER	BONE SPRING 1ST SAND	WOLFCAMP
pH	6.9	7	6.44	5.7
TDS_mgL	149252	193732	208209	189739
Sodium_mgL	48324.5	74027.8	75383.5	
Calcium_mgL	9906.47	513	3145.4	23920
Iron_mgL	3.285	104	35.2	0.3
Magnesium_mgL	2856.86	118	657.5	963.2
Manganese_mgL		1		
Chloride_mgL	99299	113441	127594	116724
Bicarbonate_mgL	267.18	1830		427
Sulfate_mgL	2081.59	2665	556.9	750
CO2_mgL	54.75	700	390	

VII (5)

Permian Oilfield Partners, LLC.
 Browning 26 Federal SWD #1
 2197' FNL, 300' FWL
 Sec. 26, T18S, R29E, Eddy Co. NM
 Lat 32.7196870° N, Lon 104.0530107° W
 GL 3439', RKB 3469'

Devonian Injection Zone Water Analysis			
Well Name	LEONARD ST 1 (A) #001	BIG EDDY UT #001	FED UNION #001
API	3001503537	3001502475	3001502416
Latitude	32.6839676	32.4421539	32.5527229
Longitude	-104.0347595	-104.0423050	-104.1623917
Sec	1	36	22
Township	19S	21S	20S
Range	29E	28E	28E
Unit	M	C	O
Ftg NS	610S	660N	330S
Ftg EW	660W	1980W	1650E
County	EDDY	EDDY	EDDY
State	NM	NM	NM
Field	N/A	N/A	N/A
Formation	DEVONIAN	DEVONIAN	DEVONIAN
Sample Source	DRILL STEM TEST	DRILL STEM TEST	DRILL STEM TEST
pH	N/A	N/A	6.8
TDS mgL	29,011	19,941	39,605
Chloride mgL	16,000	10,700	22,620
Bicarbonate mgL	520	640	810
Sulfate mgL	1,500	1,130	1,618



**Attachment to C-108
Permian Oilfield Partners, LLC
Browning 26 Federal SWD #1
2197' FNL & 300' FWL
Sec 26, T18S, R29E
Eddy County, NM**

July 17, 2023

STATEMENT REGARDING SEISMICITY

Examination of the USGS and NMTSO seismic activity databases shows minimal historic seismic activity >M2.0 in the area of interest (< 5.64 mile radius, 25 sq. mi.) of the proposed above referenced SWD well. There was one M2.6 event recorded 7.7 mi W of the proposed well in March 2022. This proposed well is not located within any current Seismic Response Area.

As per NM OCD requirements (injection well to injection well spacing minimum of 1.5 miles), this proposed above referenced SWD well is located 3.5 miles away from the nearest active or permitted Devonian disposal well, the Santo Nino 29 Fed SWD #1, 30-015-42534.

Permian Oilfield Partners does not own any 2D or 3D seismic data in the area of this proposed SWD well. Our fault interpretations are based on well to well correlations and publicly available data and software as follows:

1. USGS Quaternary Fault & Fold database shows no quaternary faults in the nearby area.
2. Basement faults are documented in the Snee & Zoback paper, "State of stress in the Permian Basin, Texas and New Mexico: Implications for induced seismicity", published in the February 2018 issue of the SEG journal, The Leading Edge, along with a method for determining the probability of fault slip in the area.
3. Fault data was also correlated to the publicly available USGS GIS geologic units & structural features database, the NMOCD SWD Applications & Fault Map dated 02/14/2022, to the B3 Insights proprietary faults database, and to fault maps as published in the New Mexico Geological Society Special Publication 13A, "Energy and Mineral Resources of New Mexico: Petroleum Geology," by R. F. Broadhead, 2017.

There are no known faults within the area of interest (< 5.64 mile radius, 25 sq. mi.) of the proposed above referenced SWD well. The distance from the proposed injection well to the nearest known fault is approximately 9.3 mi (9.8 km) WSW. A presumed extension to this known fault was added for modeling purposes to include the area of the seismic event from March 2022.

1. Permian Oilfield Partners ran modeling to check for fault slip assuming that any known faults penetrate the Devonian-Silurian injection zone. Software as discussed in #3 from the Stanford Center for Induced and Triggered Seismicity, "FSP 1.0: A program for probabilistic estimation of fault slip potential resulting from fluid injection", was used to calculate the probability of the fault being stressed so as to create an induced seismic event.
2. Permitted and/or active offset Devonian wells as noted in the table below are included in the FSP analysis.

UIC Order	Well Name	PLSS	Lat	Lon	Rate (bbl/day)
SWD-838-B	Duke AGI #1	7-18S-28E	32.7579231	-104.2125015	440
SWD-2351	State 19 #2	19-19S-28E	32.6409608	-104.2171088	20,000
SWD-2004	McCrae SWD #1	33-19S-28E	32.6236820	-104.1760940	17,244
SWD-2028	Northcott 24 SWD #1	24-19S-28E	32.6479840	-104.1287440	14,219
SWD-1419	Parkway West SWD #1	27-19S-29E	32.6354904	-104.0698929	7,060
SWD-1470	Santo Nino 29 Fed SWD #1	29-18S-30E	32.7204323	-103.9918213	3,792
SWD-2246	Guerrero 34 State #1	34-18S-28E	32.6996956	-104.1713104	11,000

3. The probability of an induced seismic event is calculated to be 0% after 30 years as per the FSP results screenshots below.

Input assumptions:

Browning 26 Fed SWD rate (BBL/day)	50000
Interval height (ft)	712
Average Porosity (%)	5.4
Vert stress gradient (psi/ft)	1.00
Hor stress direction (deg N)	10
Fault dip (deg)	75
Ref depth (ft)	12228
Initial res press gradient (psi/ft)	0.47
A phi	0.57
Friction coefficient	0.58
Weighted Average perm (mD)	25
Fluid density (kg/m3)	1100
Dynamic viscosity (Pa-s)	0.0003
Fluid compressibility (/Pa)	4 e-10
Rock compressibility (/Pa)	1.08 e-09

Note: In screenshots below,

Injection Well #1: Proposed Browning 26 SWD #1

Injection Well #2: Duke AGI #1

Injection Well #3: State 19 #2

Injection Well #4: McCrae SWD #1

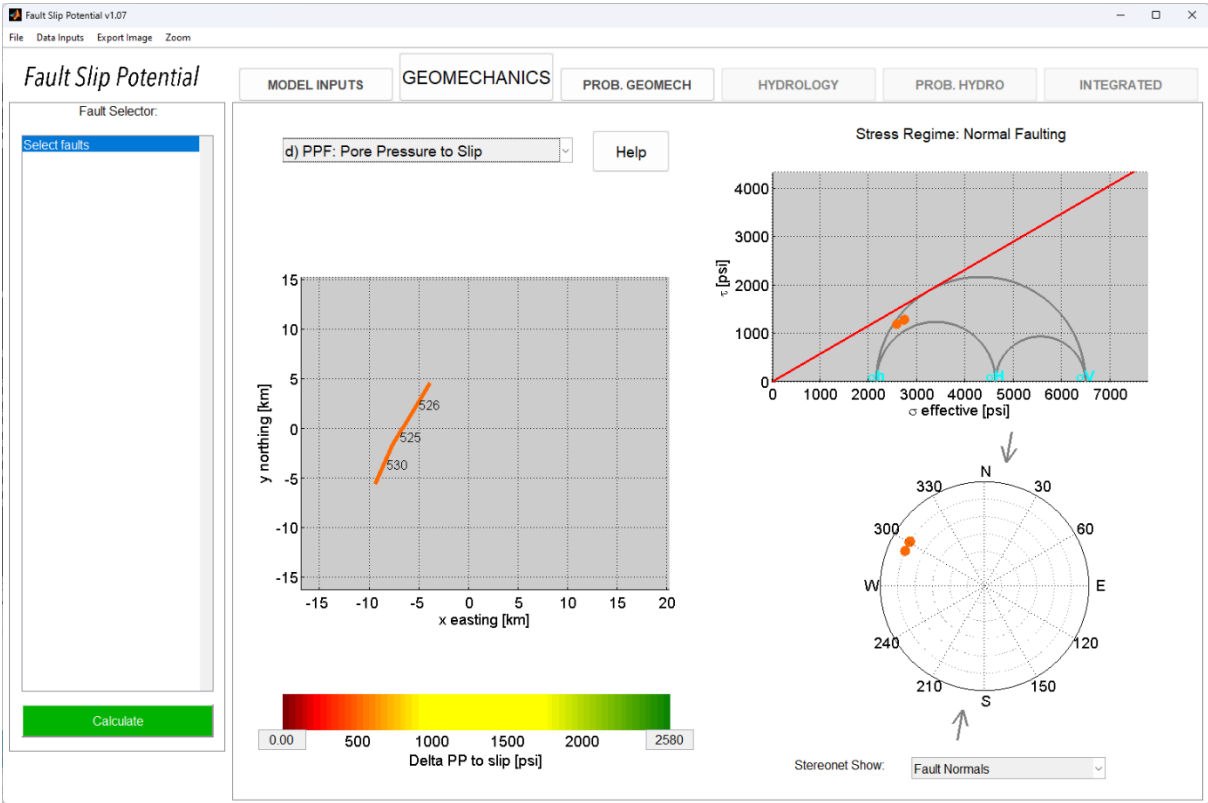
Injection Well #5: Northcott 24 SWD #1

Injection Well #6: Parkway West SWD #1

Injection Well #7: Santo Nino 29 Fed SWD #1

Injection Well #8: Guerrero 34 State #1

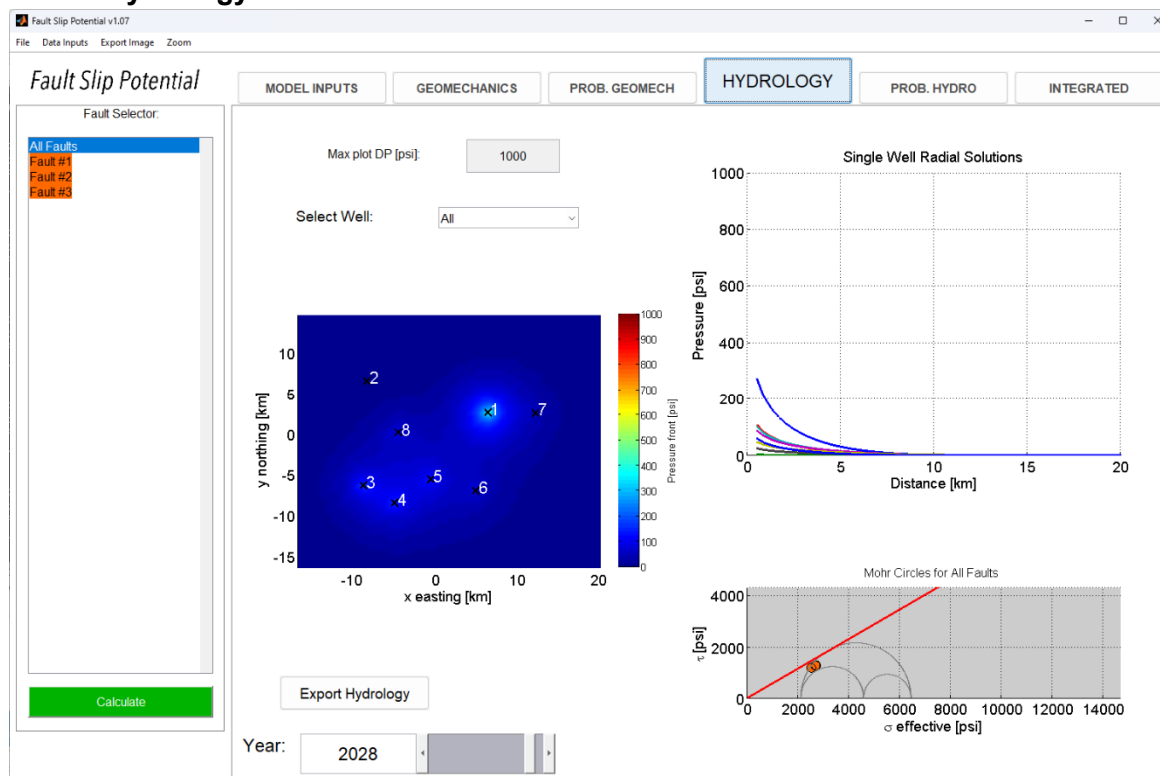
Geomechanics Pore Pressure to Slip



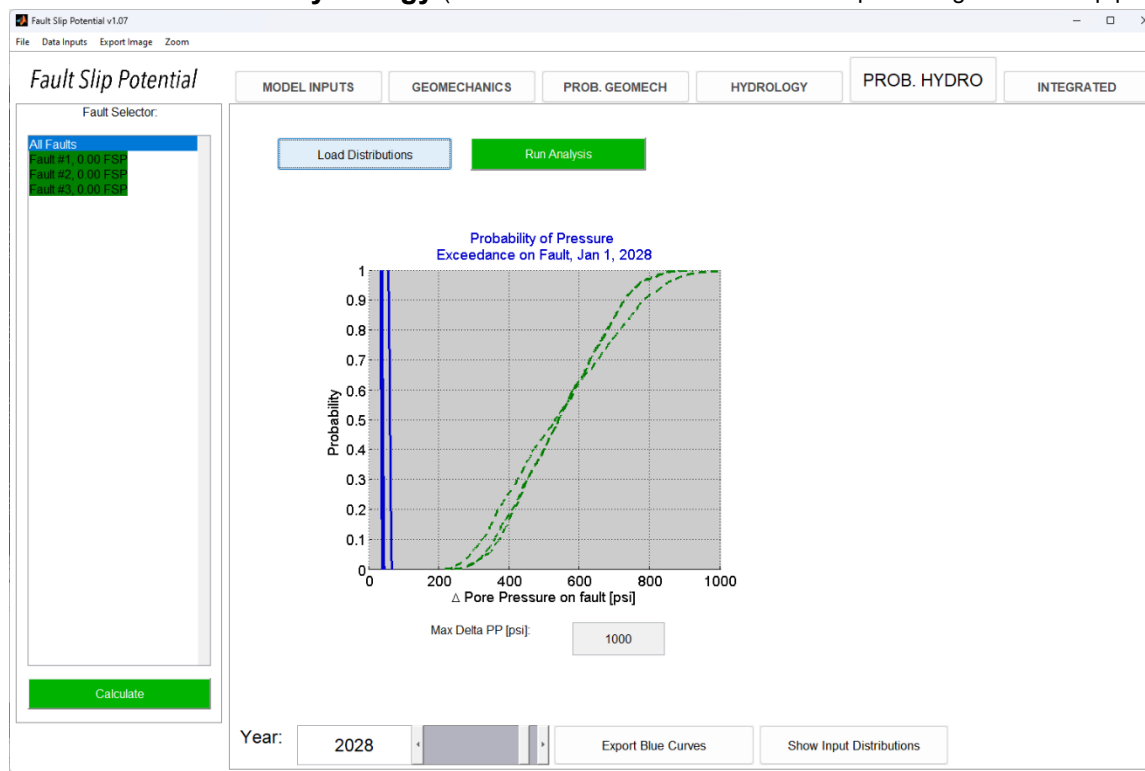
GeoMechanics Variability



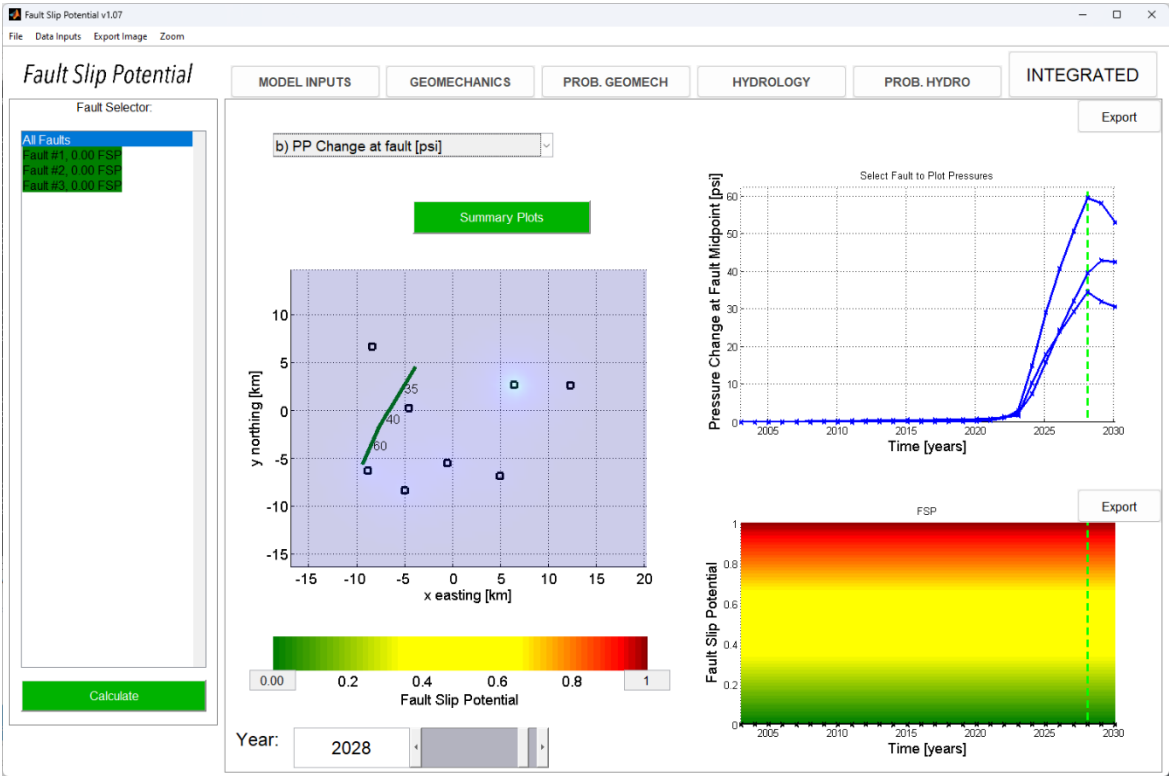
Year 5 Hydrology



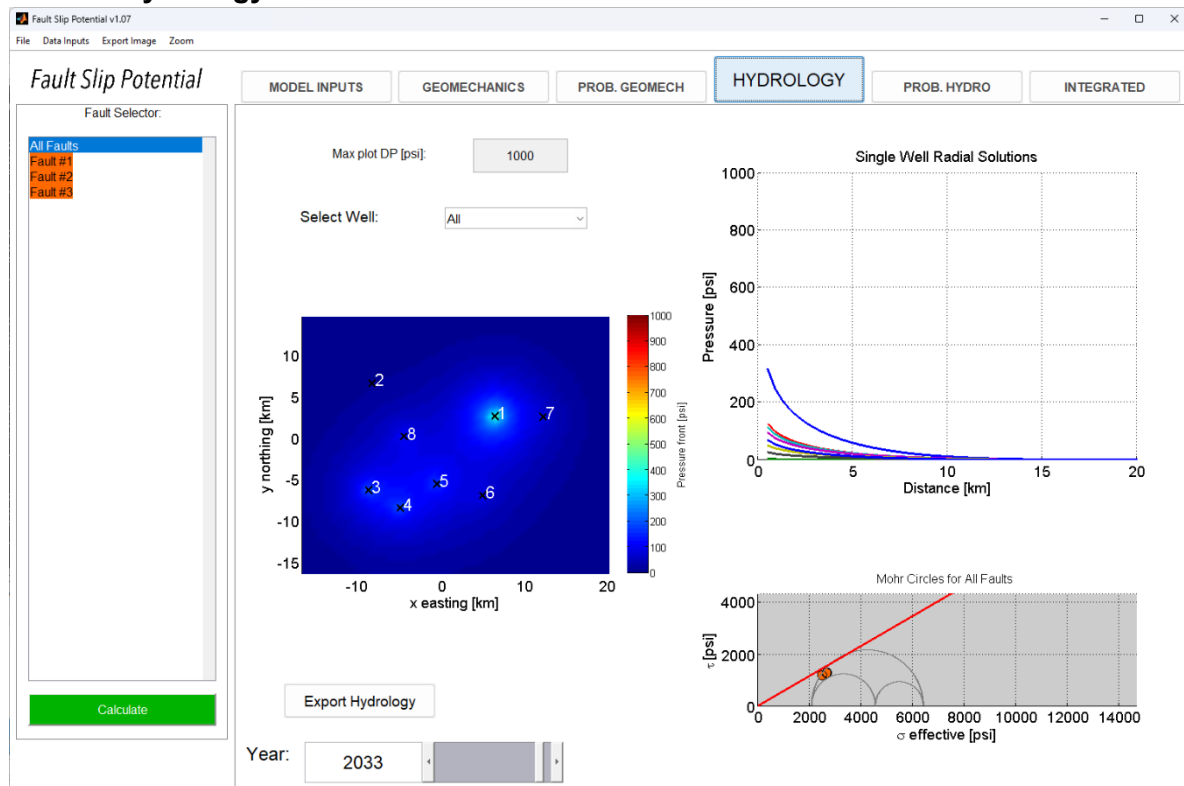
Year 5 Probabilistic Hydrology (note no crossover between blue delta-press. & green fault slip press.)



Year 5 Fault Slip Probability (0% after 5 years)



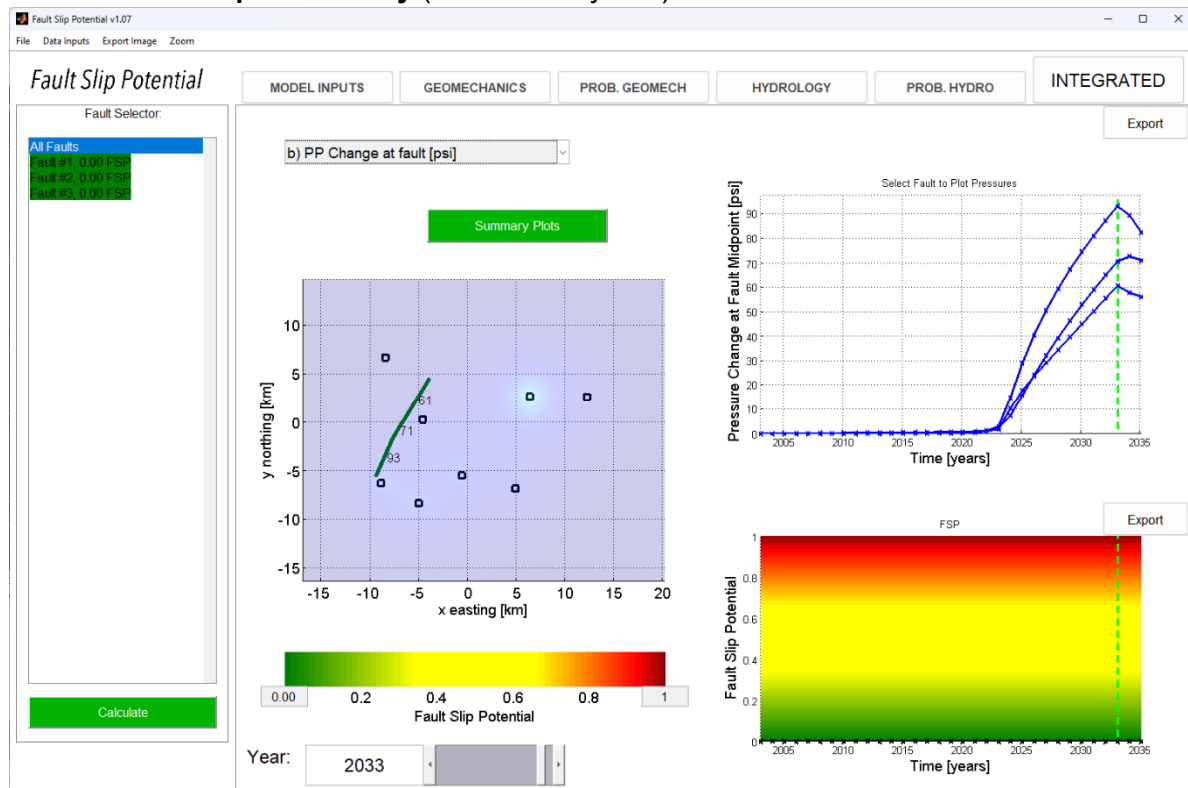
Year 10 Hydrology



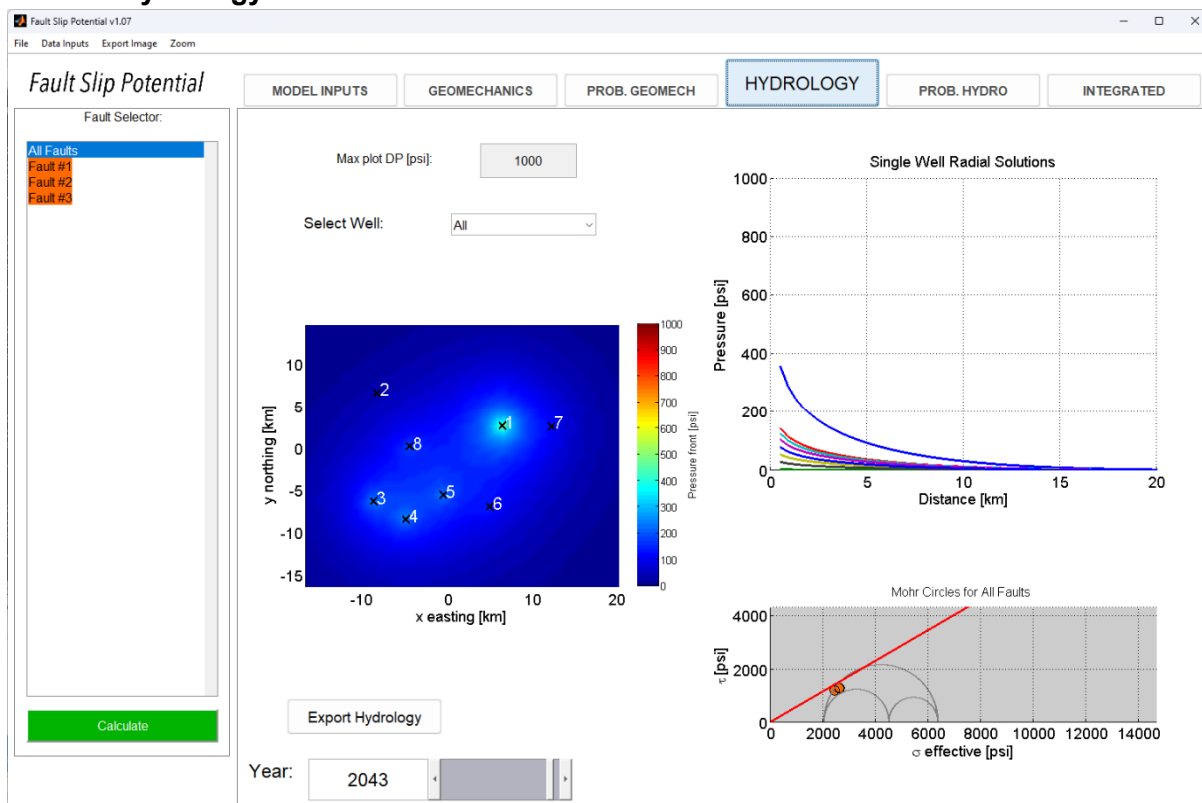
Year 10 Probabilistic Hydrology (note no crossover between blue delta-press. & green fault slip press.)



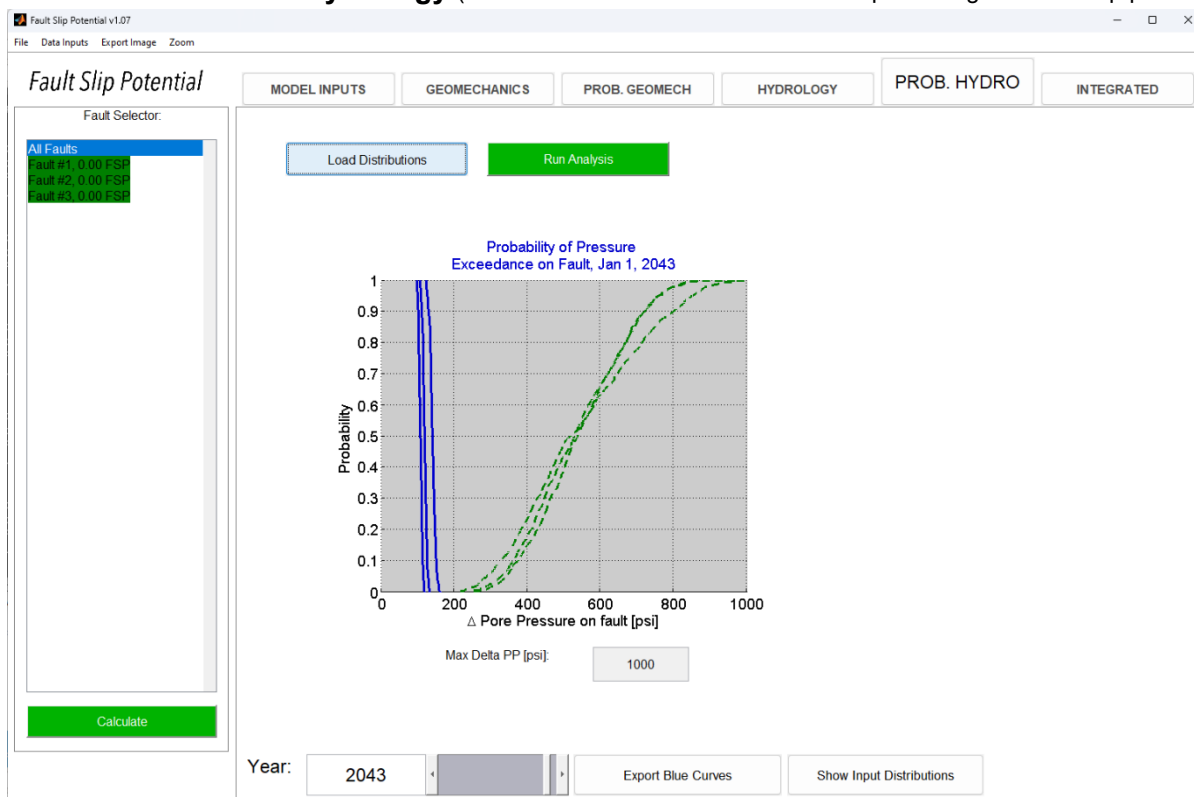
Year 10 Fault Slip Probability (0% after 10 years)



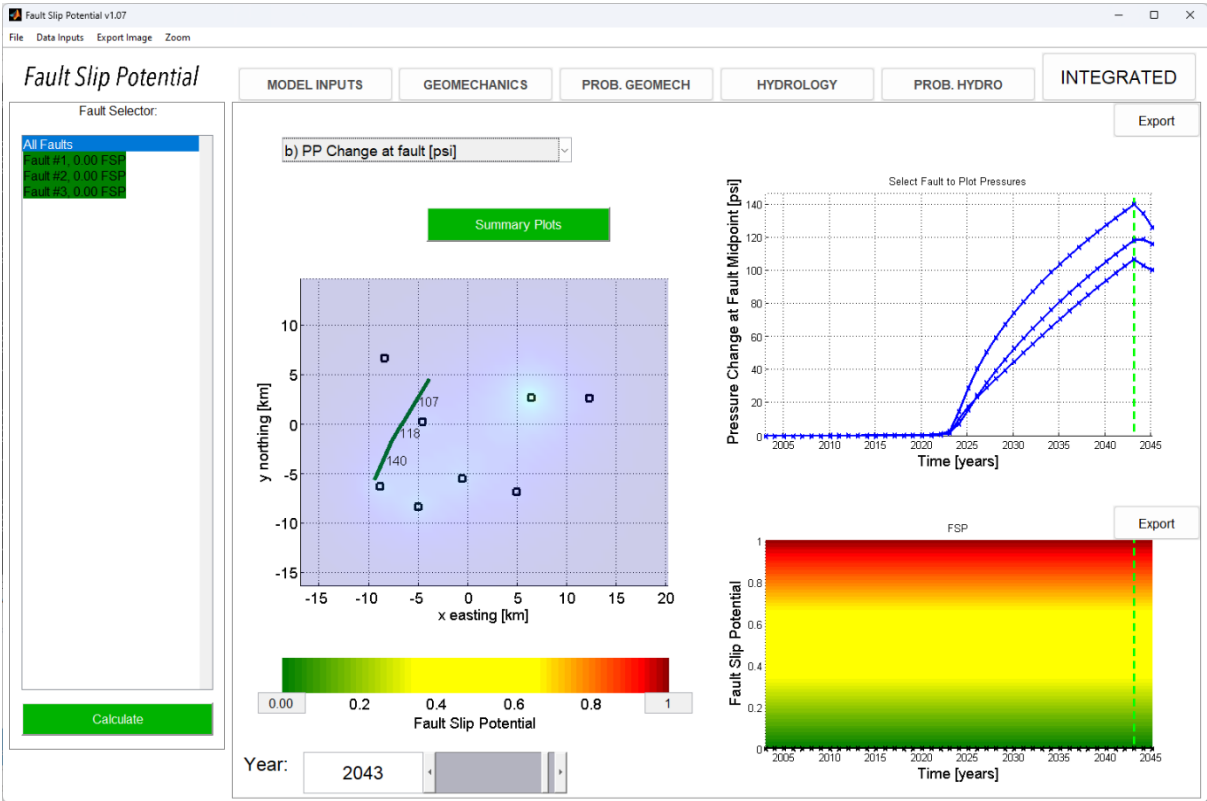
Year 20 Hydrology



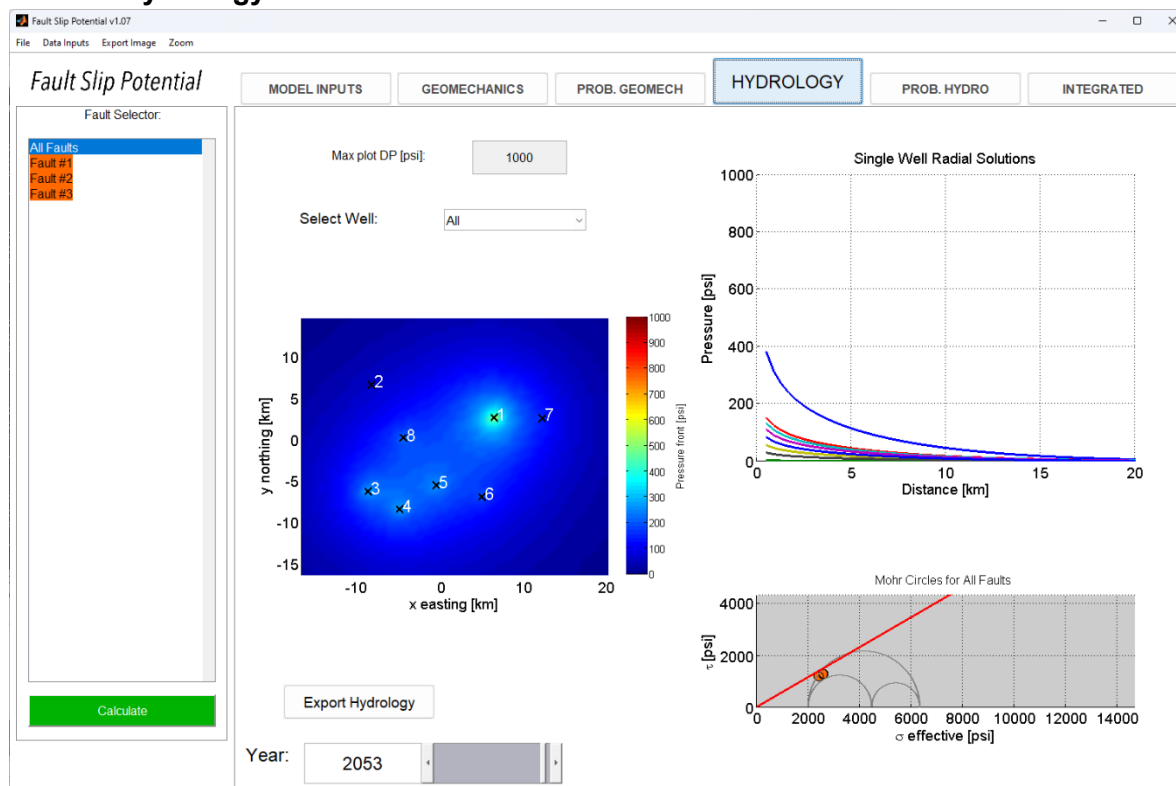
Year 20 Probabilistic Hydrology (note no crossover between blue delta-pressure. & green fault slip press.)



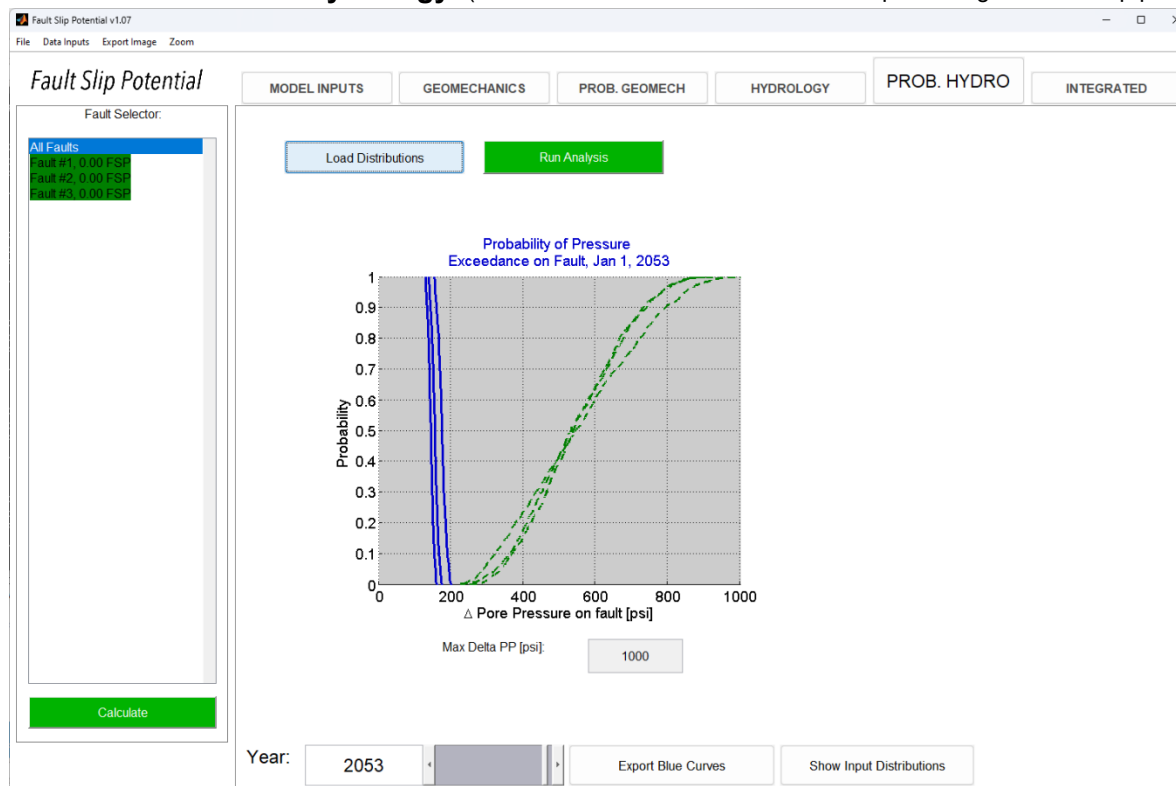
Year 20 Fault Slip Probability (0% after 20 years)

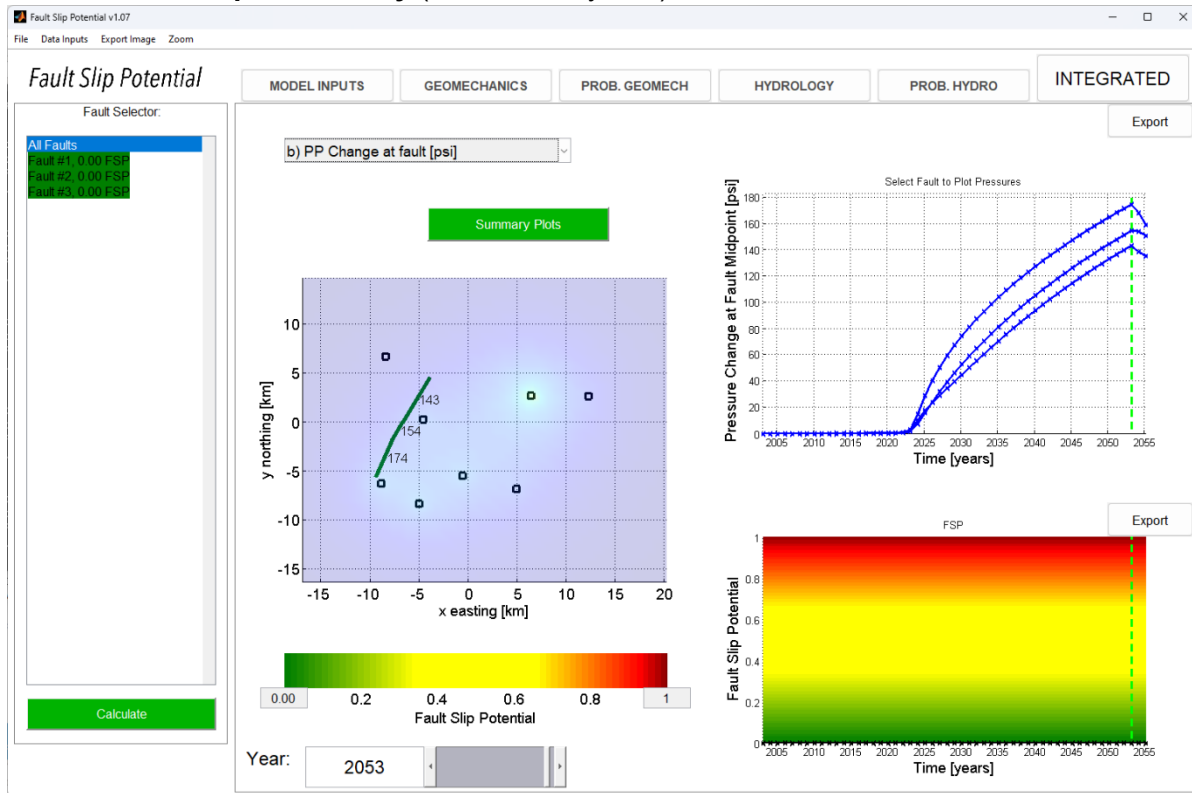


Year 30 Hydrology



Year 30 Probabilistic Hydrology (note no crossover between blue delta-press. & green fault slip press.)



Year 30 Fault Slip Probability (0% after 30 years)gfisher@popmidstream.com

(817) 606-7630



Item XII. Affirmative Statement

Re: C-108 Application for Authorization to Inject
Permian Oilfield Partners, LLC
Browning 26 Federal SWD #1
2197' FNL & 300' FWL
Sec 26, T18S, R29E
Eddy County, NM

Permian Oilfield Partners, LLC. has examined available geologic and engineering data and finds 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: 7/17/2023

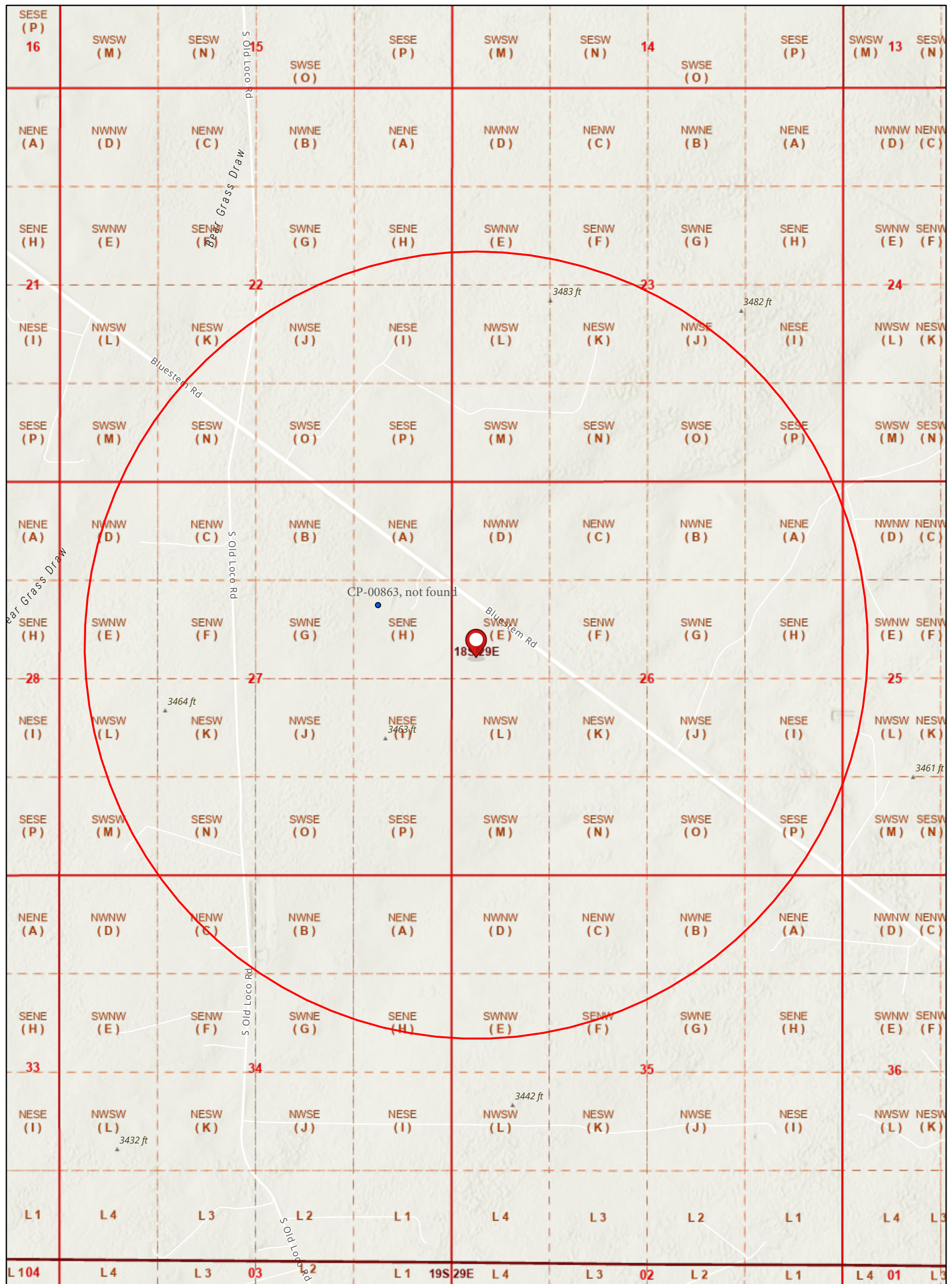


(In feet)

Maximum Depth: **180 feet**

Released to Imaging: 8/18/2023 10:42:14 AM Data=%7B"report"%3A"waterColumn"%2C%0A"BasinDiv"%3A"true"%2C%0A"Basin"%3A""%2C... 1/1

XI.



OSE Water PODs

PLSS Second Division


 PLSS Townships

New Mexico Oil Conservation Division



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)				(quarters are smallest to largest)		(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	CP 00863	1	4	2	27	18S	29E	588341	3620768* 

x

Driller License: 421 **Driller Company:** GLENN'S WATER WELL SERVICE

Driller Name: GLENN, CLARK A."CORKY" (LD)

Drill Start Date: 06/16/1997 **Drill Finish Date:** 06/16/1997 **Plug Date:**

Log File Date: 06/24/1997 **PCW Rcv Date:** **Source:**

Pump Type: **Pipe Discharge Size:** **Estimated Yield:**

Casing Size: **Depth Well:** 320 feet **Depth Water:**

x

*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.

5/24/23 12:59 PM

POINT OF DIVERSION SUMMARY

STATE ENGINEER OFFICE

WELL RECORD

476334

Section 1. GENERAL INFORMATION

(A) Owner of well Medallion Resources Owner's Well No. _____

Street or Post Office Address c/o Glenn's Water Well Service Inc.

City and State P.O. Box 692 Tatum, New Mexico 88267

Well was drilled under Permit No. CP-863 and is located in the:

a. 1/4 NW 1/4 SE 1/4 NE 1/4 of Section 27 Township 18-S. Range 29-E N.M.P.M.

b. Tract No. _____ of Map No. _____ of the _____

c. Lot No. _____ of Block No. _____ of the _____

Subdivision, recorded in _____ County.

d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant.

(B) Drilling Contractor Glenn's Water Well Service License No. WD 421

Address Box 692 Tatum, New Mexico 88267

Drilling Began 6/16/97 Completed 6/16/97 Type tools rotary Size of hole 9 7/8 in.

Elevation of land surface or _____ at well is _____ ft. Total depth of well 320 ft.

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well none ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
From	To			
			dry hole	

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet		Length (feet)	Type of Shoe	Perforations	
			Top	Bottom			From	To
			none					

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet		Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
From	To				

Section 5. PLUGGING RECORD

Plugging Contractor well was back filled with cuttings

Address and drilling mud

Plugging Method _____

Date Well Plugged _____

Plugging approved by: _____

State Engineer Representative

No.	Depth in Feet		Cubic Feet of Cement
	Top	Bottom	
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received 06/24/97

Quad _____ FWL _____ FSL _____

File No. CP-863 Use OWD Location No. 18.29.27.24141

ROSWELL NEW MEXICO
'97 JUN 24 AM 11 01

Section 7. REMARKS AND ADDITIONAL INFORMATION

Corby Henn
Driller

Driller

Released to Imaging: 8/18/2023 10:42:14 AM

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 Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 254075

CONDITIONS

Operator: Permian Oilfield Partners, LLC PO Box 3329 Hobbs, NM 88241	OGRID: 328259
	Action Number: 254075
	Action Type: [IM-SD] Admin Order Support Doc (ENG) (IM-AAO)

CONDITIONS

Created By	Condition	Condition Date
mgebremichael	None	8/18/2023