Received by OCD: 4/23/2024 3:28:48 PM

AE Order Number Banner

Application Number: pMSG2411455388

SWD-2609

Permian Oilfield Partners, LLC [328259]

Released to Imaging: 4/23/2024 3:30:36 PM

Revised March 23, 2017

RECEIVED:	REVIEWER:	TYPE:	APP NO:

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: Outskirts Federal SWD #1 **API:** 30-025-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

FOR OCD ONLY
☐ Notice Complete
☐ Application Content Complete

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

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

2-29-2024
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: 2-28-2024

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.

XIII. 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 14,614'

   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 2,922 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:

1. 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.

   Permeabilities in the Devonian do not necessarily correlate to high porosity. It is expected that the Devonian will be fractured, and the high porosity (10%) intervals can have similar permeabilities to the low porosity (2-3%) intervals. A conservative average permeability of 20 mD is assumed, with an average estimated porosity of 5%, based on log data from similar wells in the region.

   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	1,424	1,545	121
Salt	1,545	2,970	1,425
Yates	3,252	3,755	503
Delaware	5,235	7,888	2,653
Bone Spring	7,888	10,954	3,066
Wolfcamp	10,954	12,127	1,173
Lwr. Mississippian	13,994	14,514	520
Woodford	14,514	14,614	100
Devonian	14,614	15,317	703
Fusselman (Silurian)	15,317	15,684	367
Montoya (U. Ordovician)	15,684	16,084	400
Simpson (M. Ordovician)	16,084	16,464	380

2. Regional shallow fresh water in the Quaternary is known to exist at depths less than 680'. See attached OSE Water Column Depth table for the region. Depth from the bottom of this USDW to the injection zone is 13,934'. This proposed well is north of the expected edge of the Capitan Reef, and as such is not expected to penetrate the Capitan Reef USDW. 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 are 0 fresh water wells within the proposed well's one-mile area of review. There is an existing monitor well permit, CP-01960-POD1, in the AOR but it has not been drilled. See attached 1 mile AOR water well map showing no active water wells in the AOR.

XII: Hydrologic affirmative statement attached.

XIII: Proof of notice and proof of publication attached.

III (A)

WELL CONSTRUCTION DATA

Permian Oilfield Partners, LLC.
Outskirts Federal SWD #1
224' FNL, 845' FWL
Sec. 22, T19S, R33E, Lea Co. NM
Lat 32.6523783° N, Lon -103.6567663° W
GL 3642', RKB 3672'

Surface - (Conventional)

Hole Size: 26" **Casing:** 20" - 106.5# N-80 BTC Casing
Depth Top: Surface
Depth Btm: 1449'
Cement: 2737 sks - Class C + Additives (100% Excess)
Cement Top: Surface - (Circulate)

Intermediate #1 - (Conventional)

Hole Size: 18.5" **Casing:** 16" - 75# J-55 BTC Casing
Depth Top: Surface
Depth Btm: 3302'
Cement: 994 sks - Class C + Additives
Cement Top: Surface - (Circulate)

Intermediate #2 - (Conventional)

Hole Size: 15" **Casing:** 9.625" - 40# HCP110 BTC Casing
Depth Top: Surface
Depth Btm: 11004' **ECP/DV Tool:** 3402'
Cement: 3577 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: 10804'
Depth Btm: 14649'
Cement: 236 sks - Class H + Additives
Cement Top: 10804' - (Circulate & Bond Log)

Intermediate #4 - (Open Hole)

Hole Size: 6.5" **Depth:** 15659'
Inj. Interval: 14649' - 15659' (Open-Hole Completion)

Tubing - (Tapered)

Tubing Depth: 14604' **Tubing:** 7" - 26# HCP-110 FJ Casing & 5.5" 17# HCL-80 FJ Casing (Fiberglass Lined)
X/O Depth: 10804'
X/O: 7" 26# HCP-110 FJ Casing - X - 5.5" 17# HCL-80 FJ Casing (Fiberglass Lined)
Packer Depth: 14614' **Packer:** 5.5" - Perma-Pak or Equivalent (Inconel)
Packer Fluid: 8.4 ppg FW + Additives

III (A)

Outskirts Federal SWD #1
224' FNL, 845' FWL
Sec. 22, T19S, R33E, Lea Co. NM
Lat 32.6523783° N, Lon -103.6567663° W
GL 3642', RKB 3672'

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Cement Top: Surface - (Circulate)
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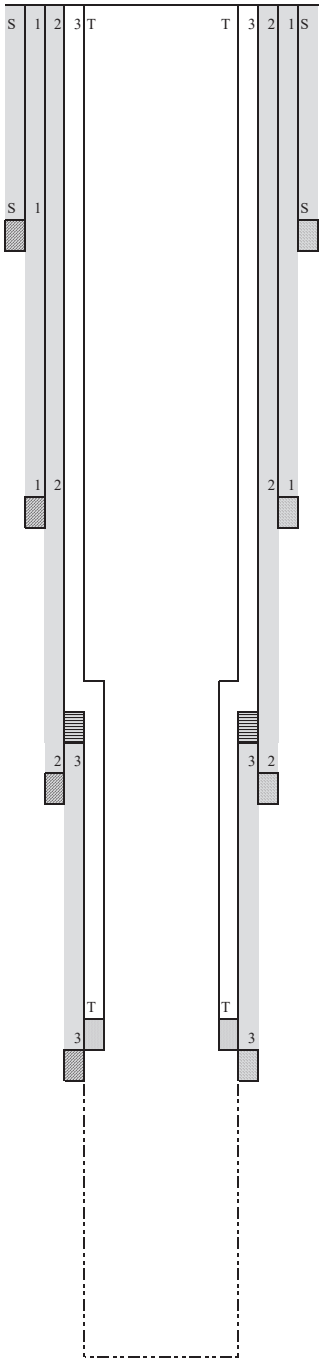
Depth Top: 10804'
Depth Btm: 14649'
Cement: 236 sks - Class H + Additives
Cement Top: 10804' - (Circulate & Bond Log)

Intermediate #4 - (Open Hole)
Hole Size: 6.5"
Depth: 15659'
Inj. Interval: 14649' - 15659' (Open-Hole Completion)



Tubing - (Tapered)
Tubing Depth: 14604'
Tubing: 7" - 26# HCP-110 FJ Casing & 5.5" 17# HCL-80 FJ Casing (Fiberglass Lined)
X/O Depth: 10804'
X/O: 7" 26# HCP-110 FJ Casing - X - 5.5" 17# HCL-80 FJ Casing (Fiberglass Lined)
Packer Depth: 14614'
Packer: 5.5" - Perma-Pak or Equivalent (Inconel)
Packer Fluid: 8.4 ppg FW + Additives

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	3 Pool Name
	97869	SWD; DEVONIAN-SILURIAN

4 Property Code	5 Property Name	6 Well Number
	OUTSKIRTS FEDERAL SWD	1

7 OGRID NO.	8 Operator Name	9 Elevation
328269	PERMIAN OILFIELD PARTNERS, LLC	3642'

10 Surface Location

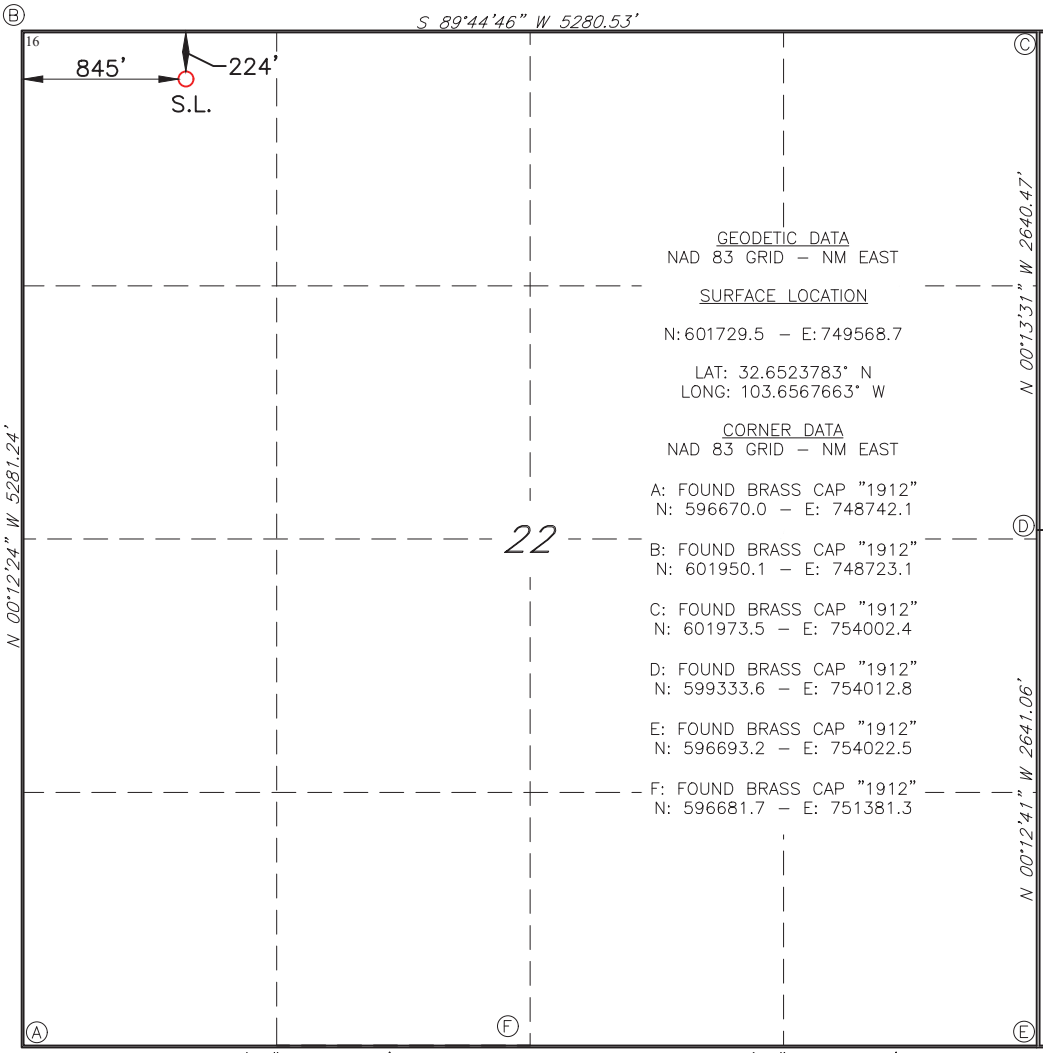
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
D	22	19S	33E		224	NORTH	845	WEST	LEA

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.



GEODETIC DATA
NAD 83 GRID – NM EAST

SURFACE LOCATION

N: 601729.5 – E: 749568.7

LAT: 32.6523783° N
LONG: 103.6567663° W

CORNER DATA
NAD 83 GRID – NM EAST

A: FOUND BRASS CAP "1912"
N: 596670.0 – E: 748742.1

B: FOUND BRASS CAP "1912"
N: 601950.1 – E: 748723.1

C: FOUND BRASS CAP "1912"
N: 601973.5 – E: 754002.4

D: FOUND BRASS CAP "1912"
N: 599333.6 – E: 754012.8

E: FOUND BRASS CAP "1912"
N: 596693.2 – E: 754022.5

F: FOUND BRASS CAP "1912"
N: 596681.7 – E: 751381.3

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 2/08/2023 Date

Gary Fisher
Printed Name

gfisher@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.

02/03/2024
Date of Survey

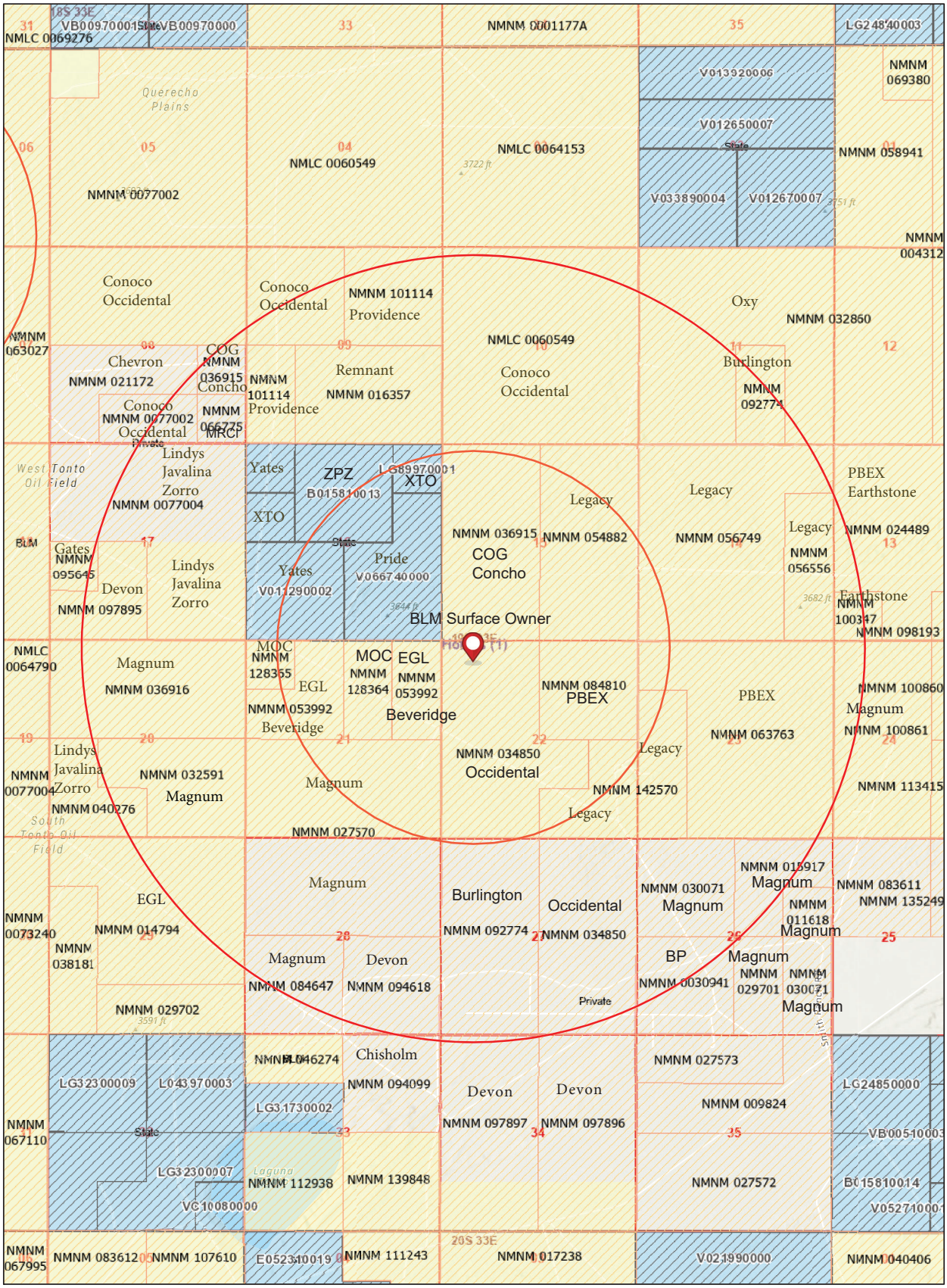
Signature and Seal of Professional Surveyor:

DALE E. BELL
NEW MEXICO
14400
PROFESSIONAL SURVEYOR
02/05/2024

14400
Certificate Number

Job No.: LS24010058

Outskirts Federal SWD #1, 1 & 2 Mi AOR, Leases



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Override 1
Authorized
Oil and Gas Leases

Land Ownership
BLM
P
S

OCD Districts
PLSS First Division
PLSS Townships

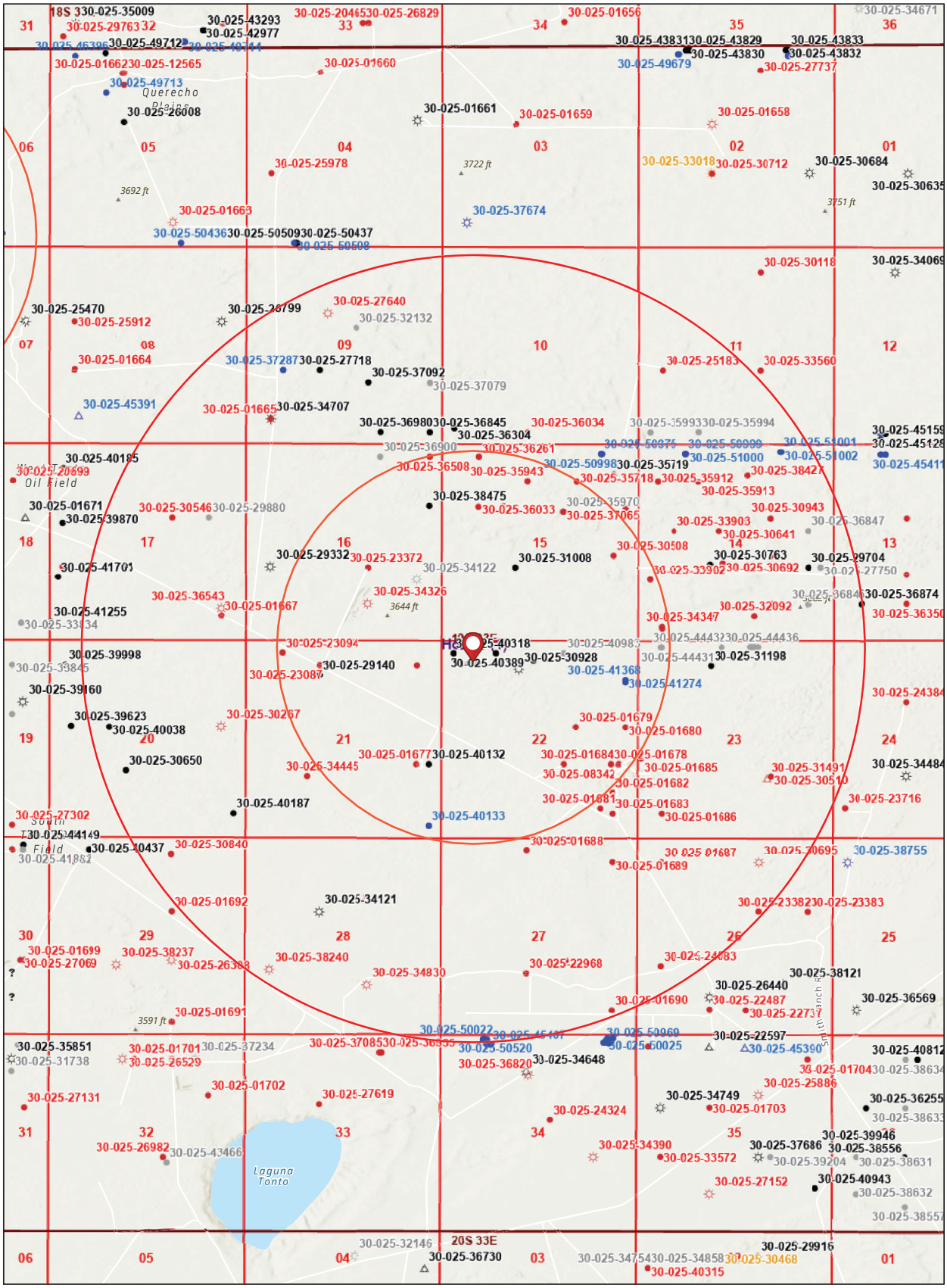
1:36,112

0 0.33 0.65 1.3 mi
0 0.5 1 2 km

U.S. BLM
U.S. Department of Interior, Bureau of Land Management (BLM)
Esri, NASA, NGA, USGS, FEMA
Texas Parks & Wildlife, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS,

New Mexico Oil Conservation Division

Outskirts Federal SWD #1, 1 & 2 Mi AOR, Wells



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Override 1
Wells - Large Scale
Gas, Active
Gas, Cancelled
Gas, New
Gas, Plugged
Gas, Temporarily Abandoned
Oil, Active
Oil, Cancelled
Oil, New
Oil, Plugged
Oil, Temporarily Abandoned
Salt Water Injection, Active
Salt Water Injection, New
Salt Water Injection, Plugged
undefined
OCD Districts
PLSS First Division
PLSS Townships

1:36,112
0 0.33 0.65 1.3 mi
0 0.5 1 2 km

Esri, NASA, NGA, USGS, FEMA
Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department.
Texas Parks & Wildlife, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS,

New Mexico Oil Conservation Division

Released to Imaging: 4/23/2024 3:30:36 PM

Received by OCD: 4/23/2024 3:28:48 PM

VI.

Outskirts 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
30-025-40389	[330220] RAYBAW Operating, LLC	MALACHITE 22 FEDERAL	#002H	Oil	Horizontal	Active	22	T19S	R33E	C	C-22-19S-33E 330 FNL 1465 FWL	N-22-19S-33E 338 FSL 1985 FWL	BONE SPRING	13676	9291
30-025-36262	[147179] CHESAPEAKE OPERATING, INC.	GANTRYPERSON	#004	Oil	Vertical	Plugged, Site Released	15	T19S	R33E	F	F-15-19S-33E 1650 FNL 1650 FWL	F-15-19S-33E 1650 FNL 1650 FWL	YATES-SEVEN RIVER	3900	3900
30-025-31008	[265378] G and C Operating, LLC	LOWELL FEDERAL	#001	Oil	Vertical	Active	15	T19S	R33E	K	K-15-19S-33E 1980 FSL 1980 FWL	K-15-19S-33E 1980 FSL 1980 FWL	BONE SPRING	13700	13700
30-025-30928	[330220] RAYBAW Operating, LLC	AMETHYST 22 FEDERAL	#001	Gas	Vertical	Active	22	T19S	R33E	C	C-22-19S-33E 760 FNL 2080 FWL	C-22-19S-33E 760 FNL 2080 FWL	MORROW	13700	13700
30-025-35943	[229137] COG OPERATING LLC	GANTRYPERSON	#001	Oil	Vertical	Plugged, Site Released	15	T19S	R33E	C	C-15-19S-33E 990 FNL 2310 FWL	C-15-19S-33E 990 FNL 2310 FWL	YATES-SEVEN RIVER	3906	3906
30-025-37065	[229137] COG OPERATING LLC	WYNELL FEDERAL	#005	Oil	Vertical	Plugged, Site Released	15	T19S	R33E	G	G-15-19S-33E 1800 FNL 2010 FEL	G-15-19S-33E 1800 FNL 2010 FEL	YATES-SEVEN RIVER	3918	3918
30-025-40983	[6137] DEVON ENERGY PRODUCTION COMPANY, LP	AZURITE 22 FEDERAL COM	#002C	Oil	Horizontal	Cancelled Apd	22	T19S	R33E	B	B-22-19S-33E 331 FNL 1980 FEL	O-22-19S-33E 331 FSL 1980 FEL	BONE SPRING	13631	9200
30-025-35970	[193407] CONCHO RESOURCES, INC.	WYNELL FEDERAL	#005	Oil	Vertical	Cancelled Apd	15	T19S	R33E	G	G-15-19S-33E 1800 FNL 2010 FEL	G-15-19S-33E 1800 FNL 2010 FEL	SEVEN RIVER	3900	3900
30-025-01684	[214263] PRE-ONGARD WELL OPERATOR	PRE-ONGARD WELL	#002	Oil	Vertical	Plugged, Site Released	22	T19S	R33E	J	J-22-19S-33E 1980 FSL 1980 FEL	J-22-19S-33E 1980 FSL 1980 FEL	YATES-SEVEN RIVER	3593	3593
30-025-01679	[214263] PRE-ONGARD WELL OPERATOR	PRE-ONGARD WELL	#002	Oil	Vertical	Plugged, Site Released	22	T19S	R33E	G	G-22-19S-33E 2310 FNL 1650 FEL	G-22-19S-33E 2310 FNL 1650 FEL	SEVEN RIVER	3055	3055
30-025-01678	[214263] PRE-ONGARD WELL OPERATOR	PRE-ONGARD WELL	#001	Oil	Vertical	Plugged, Site Released	22	T19S	R33E	I	I-22-19S-33E 1980 FSL 710 FEL	I-22-19S-33E 0 FSL 710 FEL	WOLFCAMP	13800	13800
30-025-08342	[214263] PRE-ONGARD WELL OPERATOR	PRE-ONGARD WELL	#001	Oil	Vertical	Plugged, Site Released	22	T19S	R33E	I	I-22-19S-33E 1980 FSL 495 FEL	I-22-19S-33E 0 FSL 495 FEL	YATES-SEVEN RIVER	3565	3565
30-025-01680	[214263] PRE-ONGARD WELL OPERATOR	PRE-ONGARD WELL	#001	Oil	Vertical	Plugged, Site Released	22	T19S	R33E	H	H-22-19S-33E 2310 FNL 330 FEL	H-22-19S-33E 2310 FNL 330 FEL	YATES-SEVEN RIVER	3810	3810
30-025-41274	[6137] DEVON ENERGY PRODUCTION COMPANY, LP	SYLVITE 22 FEDERAL COM	#002H	Oil	Horizontal	New	22	T19S	R33E	A	A-22-19S-33E 1100 FNL 330 FEL	E-22-19S-33E 1980 FNL 330 FWL	DELAWARE	12364	7890
30-025-30508	[147179] CHESAPEAKE OPERATING, INC.	WYNELL FEDERAL	#001	Oil	Vertical	Plugged, Site Released	15	T19S	R33E	I	I-15-19S-33E 2310 FSL 660 FEL	I-15-19S-33E 2310 FSL 660 FEL	WOLFCAMP	13700	13700
30-025-41368	[6137] DEVON ENERGY PRODUCTION COMPANY, LP	SYLVITE 22 FEDERAL COM	#001H	Oil	Horizontal	New	22	T19S	R33E	A	A-22-19S-33E 1050 FNL 330 FEL	D-22-19S-33E 550 FNL 330 FEL	DELAWARE	12243	7840
30-025-33902	[229137] COG OPERATING LLC	FEDERAL USA L	#006	Oil	Vertical	Plugged, Site Released	14	T19S	R33E	L	L-14-19S-33E 1650 FSL 330 FWL	L-14-19S-33E 1650 FSL 330 FWL	YATES-SEVEN RIVER	3900	3900
30-025-44431	[228937] MATADOR PRODUCTION COMPANY	MJ FEDERAL COM	#221H	Oil	Horizontal	Cancelled Apd	23	T19S	R33E	D	D-23-19S-33E 188 FNL 599 FWL	M-23-19S-33E 240 FSL 330 FWL	WOLFCAMP	15955	11360
30-025-44434	[228937] MATADOR PRODUCTION COMPANY	MJ FEDERAL COM	#231H	Oil	Horizontal	Cancelled Apd	23	T19S	R33E	D	D-23-19S-33E 188 FNL 629 FWL	M-23-19S-33E 241 FSL 330 FWL	WOLFCAMP	16543	11790
30-025-01666	[13954] MANZANO OIL CORP	FEDERAL USA L	#009	Oil	Vertical	Plugged, Site Released	14	T19S	R33E	M	M-14-19S-33E 330 FSL 660 FWL	M-14-19S-33E 330 FSL 660 FWL	YATES-SEVEN RIVER	5084	5084
30-025-34347	[147179] CHESAPEAKE OPERATING, INC.	FEDERAL USA L	#009Y	Oil	Vertical	Plugged, Site Released	14	T19S	R33E	M	M-14-19S-33E 383 FSL 652 FWL	M-14-19S-33E 383 FSL 652 FWL	YATES-SEVEN RIVER	3864	3864
30-025-45054	[215099] CIMAREX ENERGY CO.	MESCALERO RIDGE 21 FEDERAL	#001H	Oil	Horizontal	Active	21	T19S	R34E	B	B-21-19S-34E 544 FNL 1980 FEL	P-21-19S-34E 104 FSL 670 FEL	BONE SPRING	15630	10759
30-025-23094	[214263] PRE-ONGARD WELL OPERATOR	PRE-ONGARD WELL	#001	Oil	Vertical	Plugged, Site Released	21	T19S	R33E	D	D-21-19S-33E 330 FNL 990 FWL	D-21-19S-33E 330 FNL 990 FWL	YATES-SEVEN RIVER	3600	3600
30-025-23087	[16850] PAN AMERICAN PETROLEUM CORP	BRIGHT FEDERAL	#001	Oil	Vertical	Plugged, Site Released	21	T19S	R33E	C	C-21-19S-33E 660 FNL 1980 FWL	C-21-19S-33E 660 FNL 1980 FWL	YATES-SEVEN RIVER	3385	3385
30-025-29140	[372098] MARATHON OIL PERMIAN LLC	SUN BRIGHT FEDERAL	#001	Oil	Vertical	Active	21	T19S	R33E	C	C-21-19S-33E 920 FNL 1980 FWL	C-21-19S-33E 920 FNL 1980 FWL	WOLFCAMP	13750	13750
30-025-34326	[16696] OXY USA INC	LONE RANGER 16 STATE COM	#001	Gas	Vertical	Plugged, Site Released	16	T19S	R33E	O	O-16-19S-33E 990 FSL 1980 FEL	O-16-19S-33E 990 FSL 1980 FEL	WOLFCAMP	13620	13620
30-025-23372	[149035] BASIN OPERATING COMPANY	KIMO SABE	#001	Oil	Vertical	Plugged, Site Released	16	T19S	R33E	J	J-16-19S-33E 1980 FSL 1980 FEL	J-16-19S-33E 1980 FSL 1980 FEL	DEVONIAN	14700	14700
30-025-01677	[214263] PRE-ONGARD WELL OPERATOR	PRE-ONGARD WELL	#001	Oil	Vertical	Plugged, Site Released	21	T19S	R33E	I	I-21-19S-33E 1980 FSL 660 FEL	I-21-19S-33E 1980 FSL 660 FEL	YATES-SEVEN RIVER	3600	3600
30-025-34122	[15742] NEARBURG PRODUCING CO	LONE RANGER 16 STATE	#001	Gas	Vertical	Cancelled Apd	16	T19S	R33E	I	I-16-19S-33E 1650 FSL 660 FEL	I-16-19S-33E 1650 FSL 660 FEL	MORROW	13600	13600
30-025-40132	[162683] CIMAREX ENERGY CO. OF COLORADO	DIAMANTE 21 FEDERAL	#002	Oil	Horizontal	Active	21	T19S	R33E	I	I-21-19S-33E 1980 FSL 330 FEL	L-21-19S-33E 1925 FSL 4940 FEL	BONE SPRING	14666	10118
30-025-38475	[151323] PRIDE ENERGY COMPANY	TONTO STATE	#001	Oil	Vertical	Active	16	T19S	R33E	H	H-16-19S-33E 1650 FNL 330 FEL	H-16-19S-33E 1650 FNL 330 FEL	YATES-SEVEN RIVER	3857	3857
30-025-25843	[214263] PRE-ONGARD WELL OPERATOR	PRE-ONGARD WELL	#001	Oil	Vertical	Plugged, Site Released	21	T19S	R33E	A	A-21-19S-33E 660 FNL 660 FEL	A-21-19S-33E 660 FNL 660 FEL	YATES-SEVEN RIVER	3725	3725
30-025-40133	[162683] CIMAREX ENERGY CO. OF COLORADO	DIAMANTE 21 FEDERAL	#003H	Oil	Horizontal	New	21	T19S	R33E	P	P-21-19S-33E 330 FSL 330 FEL	M-21-19S-33E 660 FSL 330 FWL	BONE SPRING	14611	10100
30-025-40318	[330220] RAYBAW Operating, LLC	MALACHITE 22 FEDERAL	#001H	Oil	Horizontal	Active	22	T19S	R33E	D	D-22-19S-33E 330 FNL 330 FWL	M-22-19S-33E 4948 FNL 402 FWL	BONE SPRING	13591	9200
30-025-36261	[229137] COG OPERATING LLC	GANTRYPERSON	#003	Oil	Vertical	Plugged, Site Released	15	T19S	R33E	D	D-15-19S-33E 330 FNL 990 FWL	D-15-19S-33E 330 FNL 990 FWL	YATES-SEVEN RIVER	3900	3900
30-025-36033	[229137] COG OPERATING LLC	GANTRYPERSON	#002	Oil	Vertical	Plugged, Site Released	15	T19S	R33E	E	E-15-19S-33E 1670 FNL 990 FWL	E-15-19S-33E 1670 FNL 990 FWL	YATES-SEVEN RIVER	3900	3900

VII (4)

Permian Oilfield Partners, LLC.
Outskirts Federal SWD #1
224' FNL, 845' FWL
Sec. 22, T19S, R33E, Lea Co. NM
Lat 32.6523783° N, Lon -103.6567663° W
GL 3642', RKB 3672'

Regional Source Water Analysis				
Well Name	**MOBIL LEA STATE #003**	**COOTER 16 STATE COM #006H**	**PLAYA 2 STATE #002H**	**ZINNIA BKC FEDERAL #001**
API	3002532105	3001537876	3002540549	3001527939
Latitude	32.5976906	32.123642	32.6830215	32.5462379
Longitude	-103.5367584	-103.9862061	-103.5371552	-104.0686035
Sec	2	16	2	27
Township	20S	25S	19S	20S
Range	34E	29E	34E	29E
Unit	M	O	M	E
Ftg NS	990S	330S	330S	1980N
Ftg EW	870W	1650E	760W	910W
County	Lea	Eddy	Lea	Eddy
State	NM	NM	NM	NM
Field				
Formation	Delaware	Avalon Upper	3rd Bone Spring Sand	Wolfcamp
pH	5.5	7	6.48	5.7
TDS_mgL	296822	193732	182368	189739
Sodium_mgL	87727.9	74027.8	41450	
Calcium_mgL	45355	513	8421	23920
Iron_mgL	8.8125	104	28.1	0.3
Magnesium_mgL		118	1264	963.2
Manganese_mgL		1	0.8	
Chloride_mgL	215237	113441	85041	116724
Bicarbonate_mgL	143	1830	362	427
Sulfate_mgL	293	2665	956	750
CO2_mgL		700	180	

VII (5)

Permian Oilfield Partners, LLC.
Outskirts Federal SWD #1
224' FNL, 845' FWL
Sec. 22, T19S, R33E, Lea Co. NM
Lat 32.6523783° N, Lon -103.6567663° W
GL 3642', RKB 3672'

Devonian Injection Zone Water Analysis			
Well Name	**Leonard ST 1 (A) #001**	**LEA UNIT #008**	**LEA UNIT #009**
API	3001503537	3002502431	3002502432
Latitude	32.6839676	32.5927162	32.578598
Longitude	-104.0347595	-103.511673	-103.5121155
Sec	1	12	13
Township	19S	20S	20S
Range	29E	34E	34E
Unit	M	B	B
Ftg NS	610S	810N	660N
Ftg EW	660W	1980E	2130E
County	Eddy	Lea	Lea
State	NM	NM	NM
Field			
Formation	Devonian	Devonian	Devonian
Samle Source	Drill Stem Test	Drill Stem Test	Unknown
pH			
TDS_mgL	29011	33414	45778
Chloride_mgL	16000	18570	26440
Bicarbonate_mgL	520	227	1145
Sulfate_mgL	1500	1961	729

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

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Twn	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
CP 00658 POD1	CP	LE	2	2	4	26	19S	33E	628857	3611125*	3764	100		
CP 00810 POD1	CP	LE		3	3	08	19S	33E	622675	3615385*	3777	110		
CP 00805 POD1	CP	LE		3	1	18	19S	33E	621057	3614563*	5021	450		
CP 01967 POD1	CP	LE	2	2	2	24	19S	32E	620720	3613546	5254	110		
L 07023	L	LE	2	3	3	32	19S	33E	622840	3609047*	5484	262	185	77
CP 00809 POD1	CP	LE		2	1	05	19S	33E	623048	3618206*	5502	300		
CP 01857 POD1	CP	LE	3	4	4	32	18S	33E	623693	3618622	5564			
CP 01865 POD1	CP	LE	4	3	2	02	20S	33E	628390	3608155	5907	105	0	105
CP 01865 POD2	CP	LE	3	1	3	02	20S	33E	627454	3607733	5998	105	0	105
CP 00653 POD1	CP	LE		4	4	04	20S	33E	625573	3607367*	6192	60		
CP 00813 POD1	CP	LE			1	33	18S	33E	624441	3619644*	6287	300		
CP 00812 POD1	CP	LE		4	4	01	19S	32E	620623	3616973*	6354	200		
CP 00748 POD1	CP	LE			2	01	20S	33E	630197	3608428*	6635			
CP 00317	CP	LE	3	4	3	05	20S	33E	623054	3607235*	6954	680	325	355
L 07213	L	LE	4	1	4	31	19S	34E	631700	3609351*	7098	160	110	50
CP 00875	CP	LE	3	4	3	05	19S	34E	632592	3617013*	7470	200		
CP 01980 POD1	CP	LE	2	3	3	11	20S	33E	627612	3605794	7923	55	36	19

Average Depth to Water: **109 feet**

Minimum Depth: **0 feet**

Maximum Depth: **325 feet**

Record Count: 17

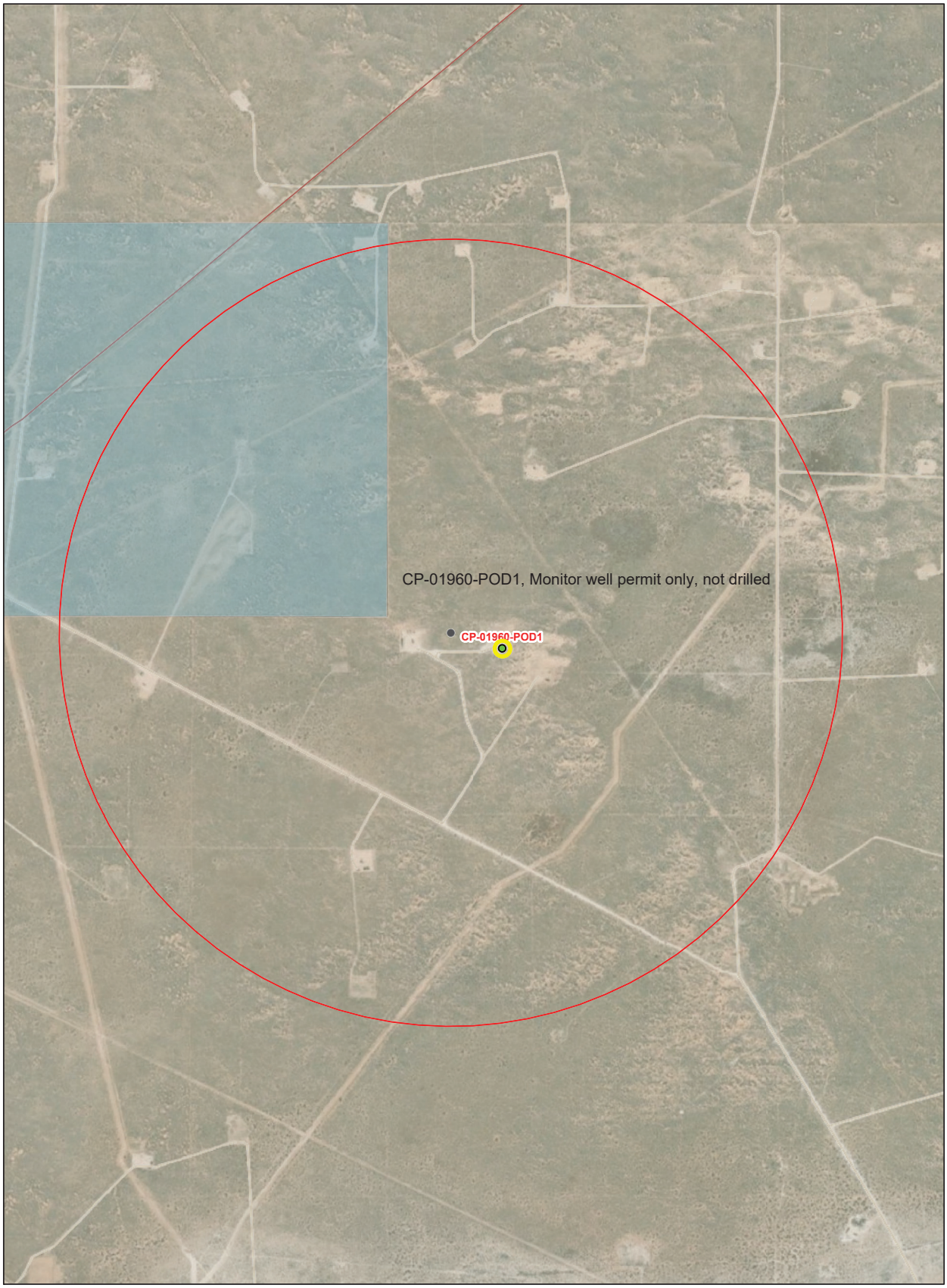
UTMNAD83 Radius Search (in meters):

Easting (X): 625974.788 **Northing (Y):** 3613546.832 **Radius:** 8000

***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.

Outskirts Federal SWD #1 Water Wells in 1mi AOR



2/21/2024, 10:58:36 AM

GIS WATERS PODs
- Pending
- OSE District Boundary

Water Right Regulations
- Closure Area

New Mexico State Trust Lands
- Both Estates

NHD Flowlines
- Pipeline

1:18,056

0 0.15 0.3 0.6 mi

0 0.25 0.5 1 km

Esri, HERE, iPC
Esri, HERE, Garmin, iPC
Maxar

Online web user

XI (b)

New Mexico Office of the State Engineer
Water Right Summary

get image list

WR File Number: CP 01960 **Subbasin:** CP **Cross Reference:** -

Primary Purpose: MON MONITORING WELL

Primary Status: PMT PERMIT

Total Acres: **Subfile:** - **Header:** -

Total Diversion: 0 **Cause/Case:** -

Owner: RAYBAW OPERATING

Contact: NANCY WINN

Documents on File

	Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/ To	Acres	Diversion	Consumptive
get images	743770	EXPL	2023-03-02	PMT	APR	CP 01960 POD1	T	0	0	

Current Points of Diversion

(NAD83 UTM in meters)

POD Number	Well Tag	Source	Q 64	Q16	Q4	Sec	Tws	Rng	X	Y	Other Location Desc
CP 01960 POD1	NA		1	2	1	22	19S	33E	626188	3613485	

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.

PERMIAN OILFIELD PARTNERS

Item XII. Affirmative Statement

Re: C-108 Application for Authorization to Inject
Permian Oilfield Partners, LLC
Outskirts Federal SWD #1
224' FNL & 845' FWL
Sec 22, T19S, R33E
Lea 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.

Gary Fisher
Manager
Permian Oilfield Partners, LLC.

Date: 2/20/2024

XIII (a)

PERMIAN OILFIELD PARTNERS

Statement of Notifications

Re: C-108 Application for SWD Well
Permian Oilfield Partners, LLC
Outskirts Federal SWD #1
224' FNL & 845' FWL
Sec 22, T19S, R33E
Lea County, NM

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

Outskirts Federal SWD #1 - Affected Persons within 1 Mile Area of Review

Notified Name	Notifed Address	Notified City, State, ZIP Code	Shipper	Tracking No.	Mailing Date
BASIN OPERATING COMPANY	200 W 1st Street, Ste. 648	Roswell, NM 88203	USPS	9414811899564883842091	2/29/2024
BEVERIDGE CO	PO Box 993	Midland, TX 79702	USPS	9414811899564883842466	2/29/2024
BURLINGTON RESOURCES c/o ConocoPhillips	PO Box 2197	Houston, TX 77252	USPS	9414811899564883842480	2/29/2024
BUREAU OF LAND MANAGEMENT	620 E Greene St.	Carlsbad, NM 88220	USPS	9414811899564883842527	2/29/2024
CHESAPEAKE OPERATING, INC.	PO Box 18496	Oklahoma City, OK 73154	USPS	9414811899564883842572	2/29/2024
CIMAREX ENERGY CO.	6001 Deauville Blvd, Ste 300N	Midland, TX 79706	USPS	9414811899564883840226	2/29/2024
CIMAREX ENERGY CO. OF COLORADO	6001 Deauville Blvd, Ste 300N	Midland, TX 79706	USPS	9414811899564883840813	2/29/2024
COG OPERATING LLC	600 W Illinois Ave	Midland, TX 79701	USPS	9414811899564883840868	2/29/2024
CONCHO RESOURCES, INC.	600 W Illinois Ave	Midland, TX 79701	USPS	9414811899564883840875	2/29/2024
DEVON ENERGY PRODUCTION COMPANY, LP	333 West Sheridan Ave.	Oklahoma City, OK 73102	USPS	9414811899564883840769	2/29/2024
EGL EXPLORATION LP	PO Box 10886	Midland, TX 79702	USPS	9414811899564883840905	2/29/2024
G and C OPERATING, LLC	PO Box 1618	Artesia, NM 88211	USPS	9414811899564883840691	2/29/2024
INTREPID POTASH	707 17th St., Ste 4200	Denver, CO 80202	USPS	9414811899564883840158	2/29/2024
LEGACY RESERVES OPERATING, LP	15 Smith Road, Ste 3000	Midland, TX 79705	USPS	9414811899564883840318	2/29/2024
MAGNUM HUNTER PRODUCTION INC	600E Las Colinas Blvd.	Irving, TX 75039	USPS	9414811899564883840066	2/29/2024
MANZANO OIL CORP	PO Box 2107	Roswell, NM 88202	USPS	9414811899564883840455	2/29/2024
MARATHON OIL PERMIAN LLC	990 Town & Country Blvd, Floor 11	Houston, TX 77024	USPS	9414811899564883840448	2/29/2024
MATADOR PRODUCTION COMPANY	5400 LBJ Freeway, Ste 1500	Dallas, TX 75240	USPS	9414811899564883840547	2/29/2024
MEWBOURNE OIL CO	PO Box 5270	Hobbs, NM 88241	USPS	9414811899564883848246	2/29/2024
NEARBURG PRODUCING CO	PO Box 823085	Dallas, TX 75382	USPS	9414811899564883848710	2/29/2024
NEW MEXICO STATE LAND OFFICE	310 Old Santa Fe Trail	Santa Fe, NM 87501	USPS	9414811899564883848741	2/29/2024
OCCIDENTAL PERMIAN LP	5 Greenway Plaza, Ste. 110	Houston, TX 77046	USPS	9414811899564883848918	2/29/2024
OXY USA INC	5 Greenway Plaza, Ste. 110	Houston, TX 77046	USPS	9414811899564883848673	2/29/2024
PAN AMERICAN PETROLEUM CORP	PO Box 68	Hobbs, NM 88240	USPS	9414811899564883848109	2/29/2024
PBEX LLC	PO Box 10250	Midland, TX 79702	USPS	9414811899564883848390	2/29/2024
PRIDE ENERGY COMPANY	4691 E 91st Street	Tulsa, OK 74137	USPS	9414811899564883848000	2/29/2024
RAYBAW OPERATING, LLC	2626 Cole Avenue, Ste 300	Dallas, TX 75204	USPS	9414811899564883848406	2/29/2024
YATES ENERGY CORP	400 N Pennsylvania Ave, Ste. 250	Roswell, NM 88201	USPS	9414811899564883848512	2/29/2024
ZPZ DELAWARE I LLC	2000 Post Oak Blvd Ste. 100	Houston, TX 77056	USPS	9414811899564883848505	2/29/2024

Sean Puryear
Permian Oilfield Partners, LLC
spuryear@popmidstream.com
Date: 2/29/2024

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

ARTICLE NUMBER: 9414 8118 9956 4883 8420 91

ARTICLE ADDRESSED TO:

Basin Operating Company
200 W 1ST ST STE 648
ROSWELL NM 88203-4677

FEES	
Postage Per Piece	$4.670
Certified Fee	4.400
Total Postage & Fees:	9.070

Postmark Here
HOBBS, NM 88240 FEB 29 2024 USPS

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

ARTICLE NUMBER: 9414 8118 9956 4883 8424 66

ARTICLE ADDRESSED TO:

Beveridge Co.
PO BOX 993
MIDLAND TX 79702-0993

FEES	
Postage Per Piece	$4.670
Certified Fee	4.400
Total Postage & Fees:	9.070

Postmark Here
HOBBS, NM 88240 FEB 29 2024 USPS

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

ARTICLE NUMBER: 9414 8118 9956 4883 8424 80

ARTICLE ADDRESSED TO:

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

FEES	
Postage Per Piece	$4.670
Certified Fee	4.400
Total Postage & Fees:	9.070

Postmark Here
HOBBS, NM 88240 FEB 29 2024 USPS

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

ARTICLE NUMBER: 9414 8118 9956 4883 8425 27

ARTICLE ADDRESSED TO:

Burlington Res c/o ConocoPhillips
PO BOX 2197
HOUSTON TX 77252-2197

FEES	
Postage Per Piece	$4.670
Certified Fee	4.400
Total Postage & Fees:	9.070

Postmark Here
HOBBS, NM 88240 FEB 29 2024 USPS

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

ARTICLE NUMBER: 9414 8118 9956 4883 8425 72

ARTICLE ADDRESSED TO:

Chesapeake Operating Inc.
PO BOX 18496
OKLAHOMA CITY OK 73154-0496

FEES	
Postage Per Piece	$4.670
Certified Fee	4.400
Total Postage & Fees:	9.070

Postmark Here
HOBBS, NM 88240 FEB 29 2024 USPS

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

ARTICLE NUMBER: 9414 8118 9956 4883 8402 26

ARTICLE ADDRESSED TO:

Cimarex Energy Co.
6001 DEAUVILLE STE 300N
MIDLAND TX 79706-2671

FEES	
Postage Per Piece	$4.670
Certified Fee	4.400
Total Postage & Fees:	9.070

Postmark Here
HOBBS, NM 88240 FEB 29 2024 USPS

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

ARTICLE NUMBER: 9414 8118 9956 4883 8408 13

ARTICLE ADDRESSED TO:

Cimarex Energy Co. of Colorado
6001 DEAUVILLE STE 300N
MIDLAND TX 79706-2671

FEES

Postage Per Piece	$4.670
Certified Fee	4.400
Total Postage & Fees:	9.070

Postmark Here

HOBBS, NM 88240 FEB 29 2024 USPS

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

ARTICLE NUMBER: 9414 8118 9956 4883 8408 68

ARTICLE ADDRESSED TO:

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

FEES

Postage Per Piece	$4.670
Certified Fee	4.400
Total Postage & Fees:	9.070

Postmark Here

HOBBS, NM 88240 FEB 29 2024 USPS

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

ARTICLE NUMBER: 9414 8118 9956 4883 8408 75

ARTICLE ADDRESSED TO:

Concho Resources, Inc.
600 W ILLINOIS AVE
MIDLAND TX 79701-4882

FEES

Postage Per Piece	$4.670
Certified Fee	4.400
Total Postage & Fees:	9.070

Postmark Here

HOBBS, NM 88240 FEB 29 2024 USPS

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

ARTICLE NUMBER: 9414 8118 9956 4883 8407 69

ARTICLE ADDRESSED TO:

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

FEES

Postage Per Piece	$4.670
Certified Fee	4.400
Total Postage & Fees:	9.070

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ARTICLE NUMBER: 9414 8118 9956 4883 8409 05

ARTICLE ADDRESSED TO:

EGL Exploration LP
PO BOX 10886
MIDLAND TX 79702-7886

FEES

Postage Per Piece	$4.670
Certified Fee	4.400
Total Postage & Fees:	9.070

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ARTICLE NUMBER: 9414 8118 9956 4883 8406 91

ARTICLE ADDRESSED TO:

G and C Operating, LLC
PO BOX 1618
ARTESIA NM 88211-1618

FEES

Postage Per Piece	$4.670
Certified Fee	4.400
Total Postage & Fees:	9.070

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ARTICLE NUMBER: 9414 8118 9956 4883 8401 58

ARTICLE ADDRESSED TO:

Intrepid Potash
707 17TH ST STE 4200
DENVER CO 80202-3432

FEES	
Postage Per Piece	$4.670
Certified Fee	4.400
Total Postage & Fees:	9.070

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

ARTICLE NUMBER: 9414 8118 9956 4883 8403 18

ARTICLE ADDRESSED TO:

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

FEES	
Postage Per Piece	$4.670
Certified Fee	4.400
Total Postage & Fees:	9.070

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

ARTICLE NUMBER: 9414 8118 9956 4883 8400 66

ARTICLE ADDRESSED TO:

Magnum Hunter Production Inc.
600E LAS COLINAS BLVD E
IRVING TX 75039-5601

FEES	
Postage Per Piece	$4.670
Certified Fee	4.400
Total Postage & Fees:	9.070

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

ARTICLE NUMBER: 9414 8118 9956 4883 8404 55

ARTICLE ADDRESSED TO:

Manzano Oil Corp.
PO BOX 2107
ROSWELL NM 88202-2107

FEES	
Postage Per Piece	$4.670
Certified Fee	4.400
Total Postage & Fees:	9.070

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FEB 29 2024 USPS

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

ARTICLE NUMBER: 9414 8118 9956 4883 8404 48

ARTICLE ADDRESSED TO:

Marathon Oil Permian LLC
990 TWN N CNTRY BLVD FL 11
HOUSTON TX 77024-2217

FEES	
Postage Per Piece	$4.670
Certified Fee	4.400
Total Postage & Fees:	9.070

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

ARTICLE NUMBER: 9414 8118 9956 4883 8405 47

ARTICLE ADDRESSED TO:

Matador Production Company
5400 LBJ FWY STE 1500
DALLAS TX 75240-1017

FEES	
Postage Per Piece	$4.670
Certified Fee	4.400
Total Postage & Fees:	9.070

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

ARTICLE NUMBER: 9414 8118 9956 4883 8482 46

ARTICLE ADDRESSED TO:

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

FEES	
Postage Per Piece	$4.670
Certified Fee	4.400
Total Postage & Fees:	9.070

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HOBBS, NM 88240 FEB 29 2024 USPS

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

ARTICLE NUMBER: 9414 8118 9956 4883 8487 10

ARTICLE ADDRESSED TO:

Nearburg Producing Co
PO BOX 823085
DALLAS TX 75382-3085

FEES	
Postage Per Piece	$4.670
Certified Fee	4.400
Total Postage & Fees:	9.070

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

ARTICLE NUMBER: 9414 8118 9956 4883 8487 41

ARTICLE ADDRESSED TO:

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

FEES	
Postage Per Piece	$4.670
Certified Fee	4.400
Total Postage & Fees:	9.070

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

ARTICLE NUMBER: 9414 8118 9956 4883 8489 18

ARTICLE ADDRESSED TO:

Occidental Permian LP
5 GREENWAY PLZ STE 110
HOUSTON TX 77046-0521

FEES	
Postage Per Piece	$4.670
Certified Fee	4.400
Total Postage & Fees:	9.070

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

ARTICLE NUMBER: 9414 8118 9956 4883 8486 73

ARTICLE ADDRESSED TO:

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

FEES	
Postage Per Piece	$4.670
Certified Fee	4.400
Total Postage & Fees:	9.070

Postmark Here

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

ARTICLE NUMBER: 9414 8118 9956 4883 8481 09

ARTICLE ADDRESSED TO:

Pan American Petroleum Corp.
PO BOX 68
HOBBS NM 88241-0068

FEES	
Postage Per Piece	$4.670
Certified Fee	4.400
Total Postage & Fees:	9.070

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

ARTICLE NUMBER: 9414 8118 9956 4883 8483 90

ARTICLE ADDRESSED TO:

PBEX LLC
PO BOX 10250
MIDLAND TX 79702-7250

FEES

Postage Per Piece	$4.670
Certified Fee	4.400
Total Postage & Fees:	9.070

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

ARTICLE NUMBER: 9414 8118 9956 4883 8480 00

ARTICLE ADDRESSED TO:

Pride Energy Company
4641 E 91ST ST
TULSA OK 74137-2852

FEES

Postage Per Piece	$4.670
Certified Fee	4.400
Total Postage & Fees:	9.070

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

ARTICLE NUMBER: 9414 8118 9956 4883 8484 06

ARTICLE ADDRESSED TO:

Raybaw Operating, LLC
2626 COLE AVE STE 300
DALLAS TX 75204-1094

FEES

Postage Per Piece	$4.670
Certified Fee	4.400
Total Postage & Fees:	9.070

Postmark Here

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

ARTICLE NUMBER: 9414 8118 9956 4883 8485 12

ARTICLE ADDRESSED TO:

Yates Energy Corp.
400 N PENNSYLVANIA AVE STE 250
ROSWELL NM 88201-4788

FEES

Postage Per Piece	$4.670
Certified Fee	4.400
Total Postage & Fees:	9.070

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

ARTICLE NUMBER: 9414 8118 9956 4883 8485 05

ARTICLE ADDRESSED TO:

ZPZ Delaware I LLC
2000 POST OAK BLVD STE 100
HOUSTON TX 77056-4497

FEES

Postage Per Piece	$4.670
Certified Fee	4.400
Total Postage & Fees:	9.070

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XIII (c)

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
February 27, 2024
and ending with the issue dated
February 27, 2024.

Publisher

Sworn and subscribed to before me this
27th day of February 2024.

Business Manager

My commission expires
January 29, 2027
(Seal)

STATE OF NEW MEXICO
NOTARY PUBLIC
GUSSIE RUTH BLACK
COMMISSION # 1087526
COMMISSION EXPIRES 01/29/2027

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 publication has been made.

LEGAL NOTICE
February 27, 2024

Permian Oilfield Partners, LLC, PO Box 3329, Hobbs, NM 88241, phone (817)606-7630, attn. Gary Fisher, has filed form C-108 (Application for Authorization for Injection) with the New Mexico Oil Conservation Division seeking approval to drill a commercial salt water disposal well in Lea County, New Mexico. The proposed well is the Outskirts Federal SWD #1, and is located 224' FNL & 845' FWL, Unit D, Section 22, Township 19 South, Range 33 East, NMPM, approximately 15 mi SE of Maljamar, NM. The well will dispose of water produced from nearby oil and gas wells into the Devonian and Fusselman formations from a depth of 14,614 feet to 15,684 feet. The maximum expected injection rate is 50,000 BWPD at a maximum surface injection pressure of 2,922 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.
#00287753

67115647 00287753

GARY FISHER
PERMIAN OILFIELD PARTNERS, LLC
PO BOX 3329
HOBBS, NM 88241

PERMIAN OILFIELD PARTNERS

Attachment to C-108
Permian Oilfield Partners, LLC
Outskirts Federal SWD #1
224' FNL & 845' FWL
Sec 22, T19S, R33E
Lea County, NM

February 22, 2024

STATEMENT REGARDING SEISMICITY

Examination of the USGS and NMT seismic activity databases shows no historic seismic activity >M2.0 in the area (< 5.64 mile radius, 25 sq. mi.) of the proposed above referenced SWD well. 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 2.3 miles away from the nearest active or permitted Devonian disposal well (Delek Kodiak SWD #1, 30-025-45391, SWD-2473, Expired 1/12/2024).

Permian Oilfield Partners does not own any 2D or 3D seismic data in the area of this proposed SWD well. 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 as 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. Basement faults as documented in the Horne et al (2021) paper, “Basement-Rooted Faults of the Delaware basin and Central Basin Platform, Permian Basin, West Texas and Southeastern New Mexico”
4. 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 is one known fault within the area of interest (< 5.64 mile radius, 25 sq. mi.) of the proposed above referenced SWD well, approximately 5.5 mi (8.9 km) to the east.

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 #2 above, 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. Devonian UIC wells, permits & applications as noted in the table below are included in the FSP analysis.

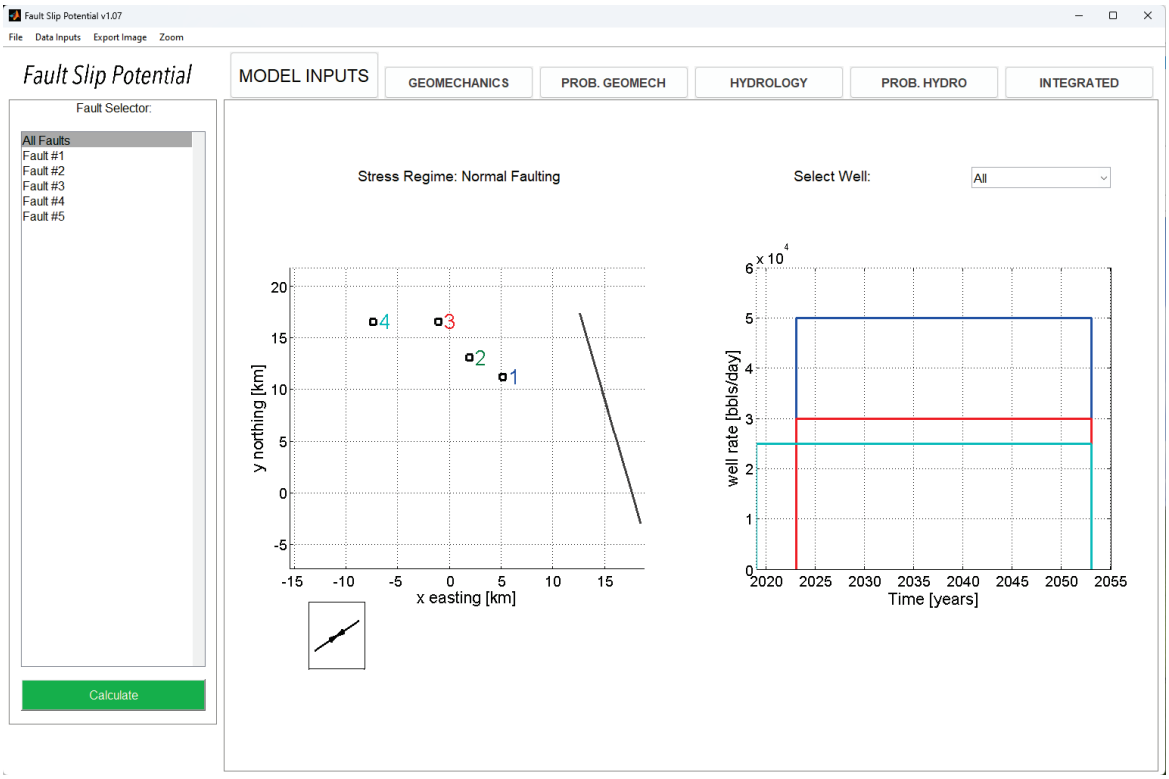
Pending	Outskirts Federal SWD #1	22-19S-33E	32.6523783	-103.6567663	50,000
SWD-2473 (Exp.)	Kodiak SWD #1	8-19S-33E	32.6695610	-103.6912770	25,000
Pending	Alpha Wolf SWD #1	36-18S-32E	32.7009680	-103.7232640	30,000
Temp. Abdn.	North Rusk 32 State SWD #1	32-18S-32E	32.7009090	-103.7907090	25,000

3. The probability of an induced seismic event is calculated to be 0% after 5, 10, 20, & 30 years as per the FSP results screenshots below.

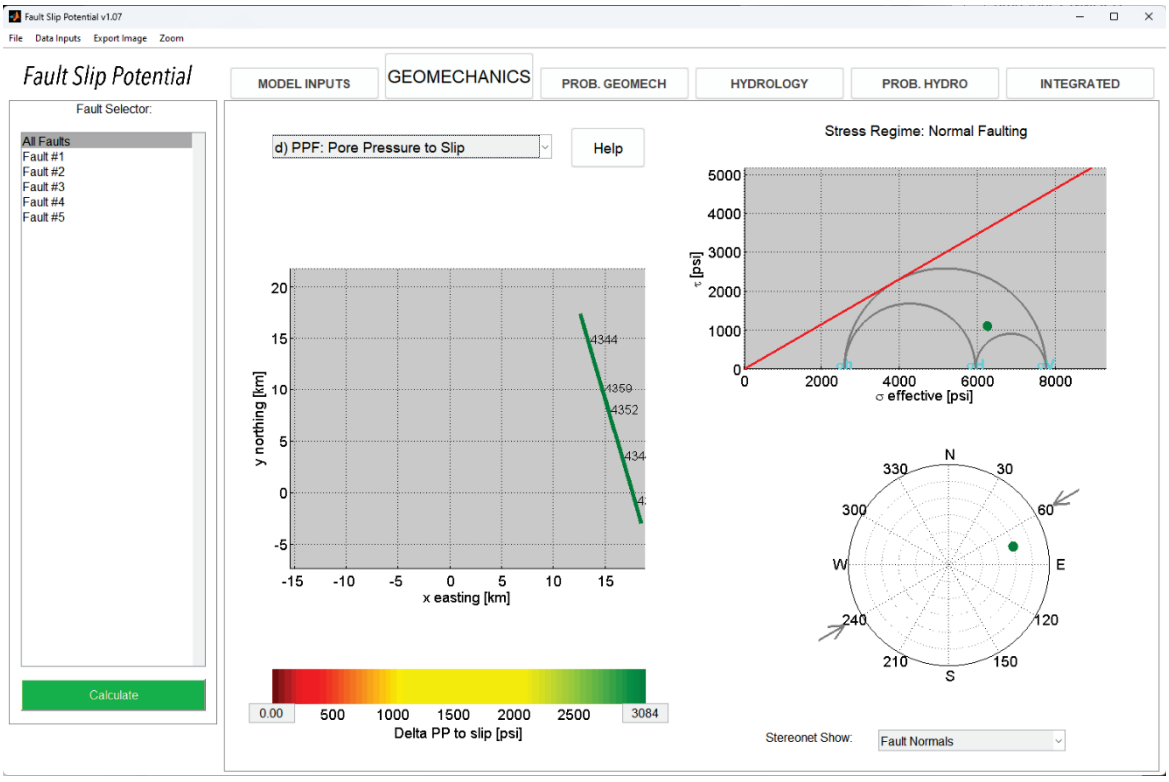
Input assumptions:

Interval height (ft)	1070
Average Porosity (%)	5
Vert stress gradient (psi/ft)	1.0
Hor stress direction (deg N)	60
Fault dip (deg)	60
Ref depth (ft)	14614
Initial res press gradient (psi/ft)	0.47
A phi	0.65
Friction coefficient	0.58
Average perm (mD)	20
Fluid density (kg/m3)	1100
Dynamic viscosity (Pa-s)	0.0003
Fluid compressibility (/Pa)	4 e-10
Rock compressibility (/Pa)	1.08 e-09

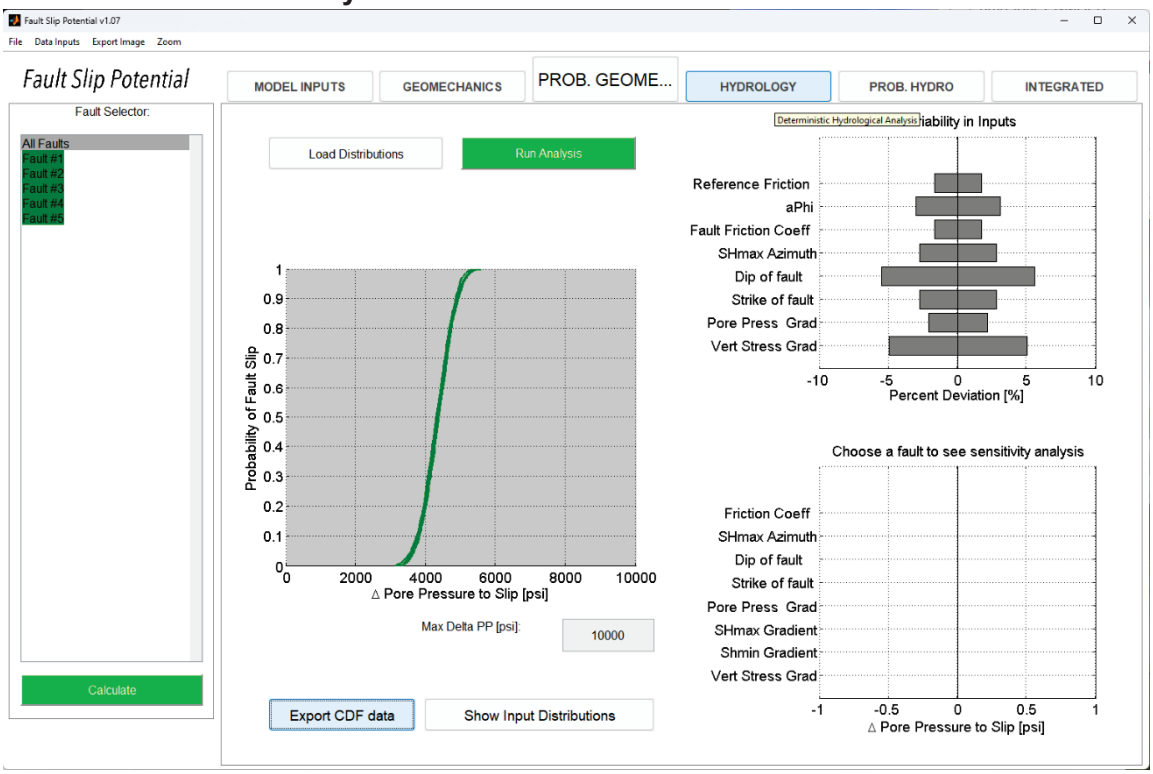
Note: In screenshots below,
Injection Well #1: Prop. Outskirts Fed SWD #1
Injection Well #2: Kodiak SWD #1
Injection Well #3: Alpha Wolf SWD #1
Injection Well #4: North Rusk 32 State SWD #1



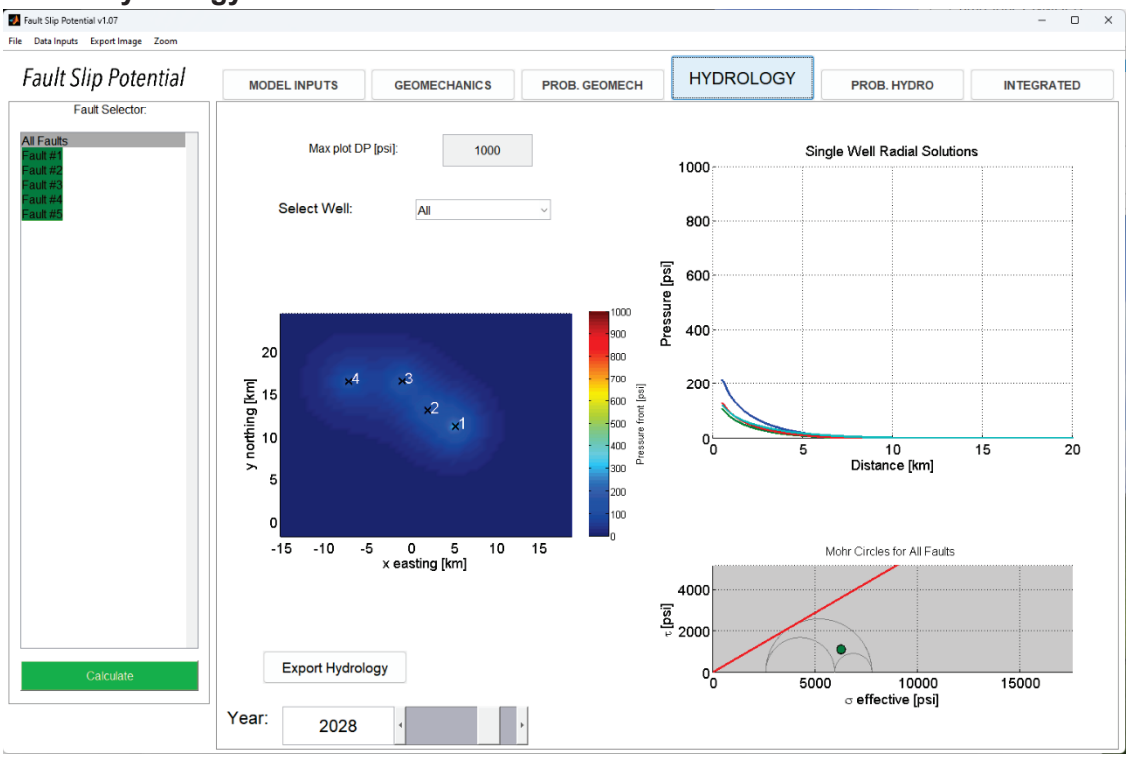
Geomechanics Pore Pressure to Slip



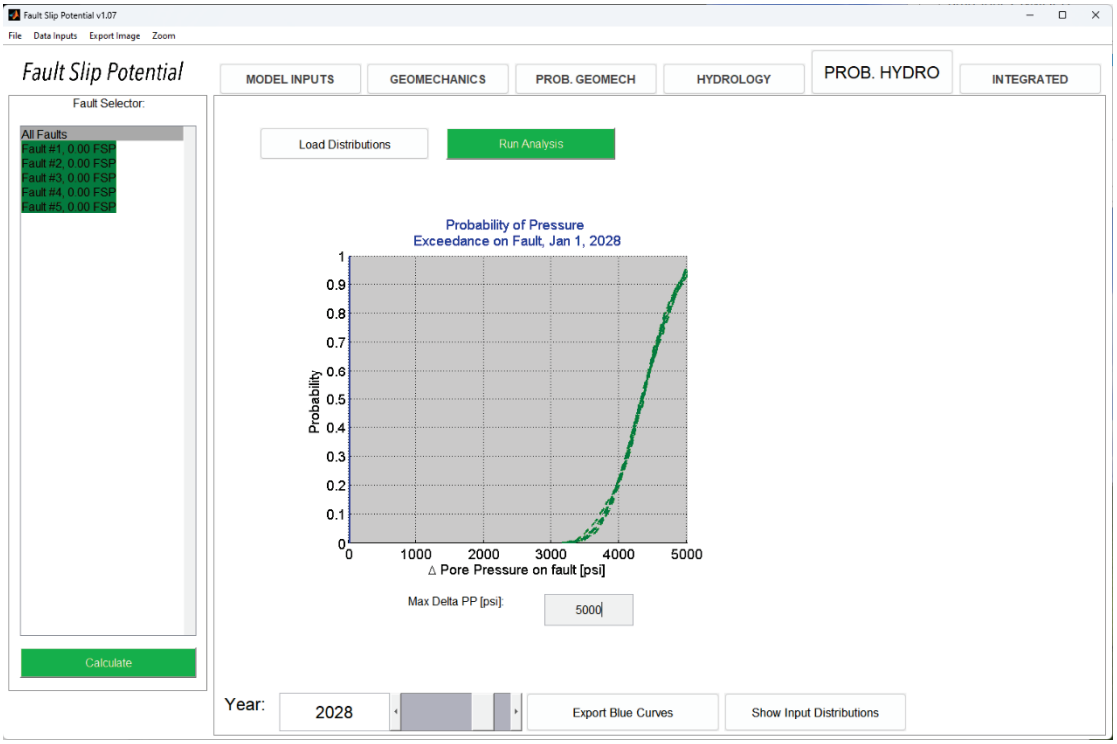
GeoMechanics Variability



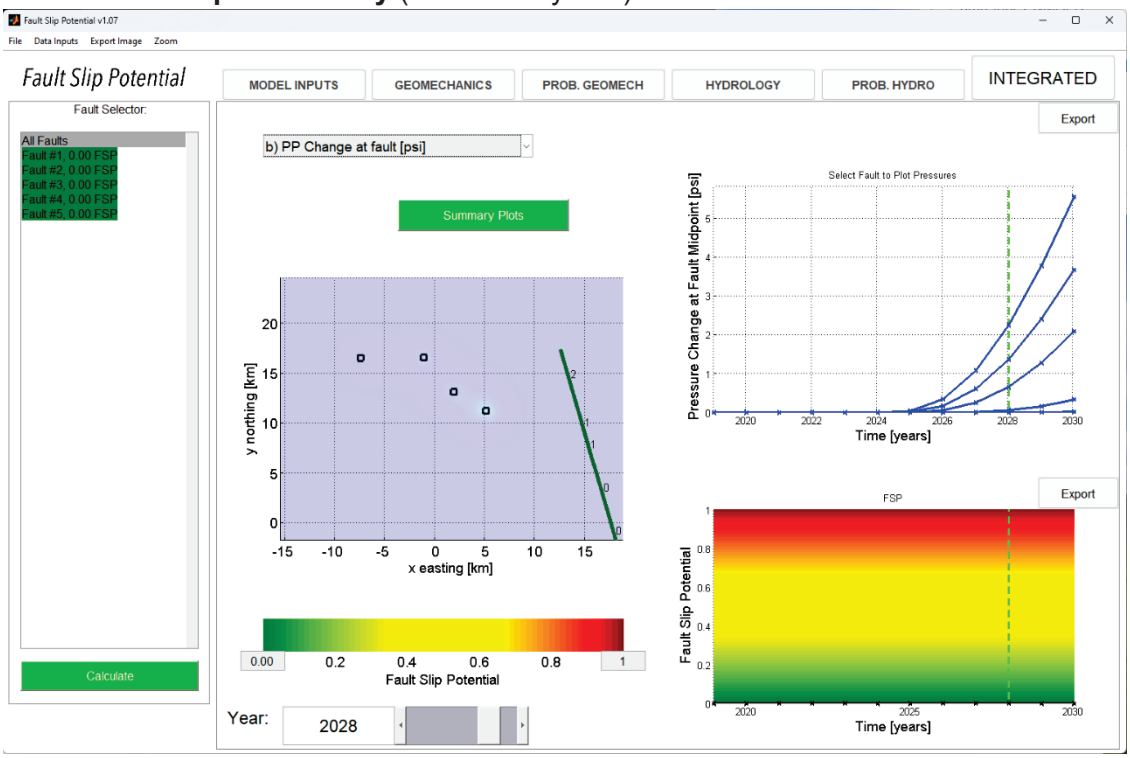
Year 5 Hydrology



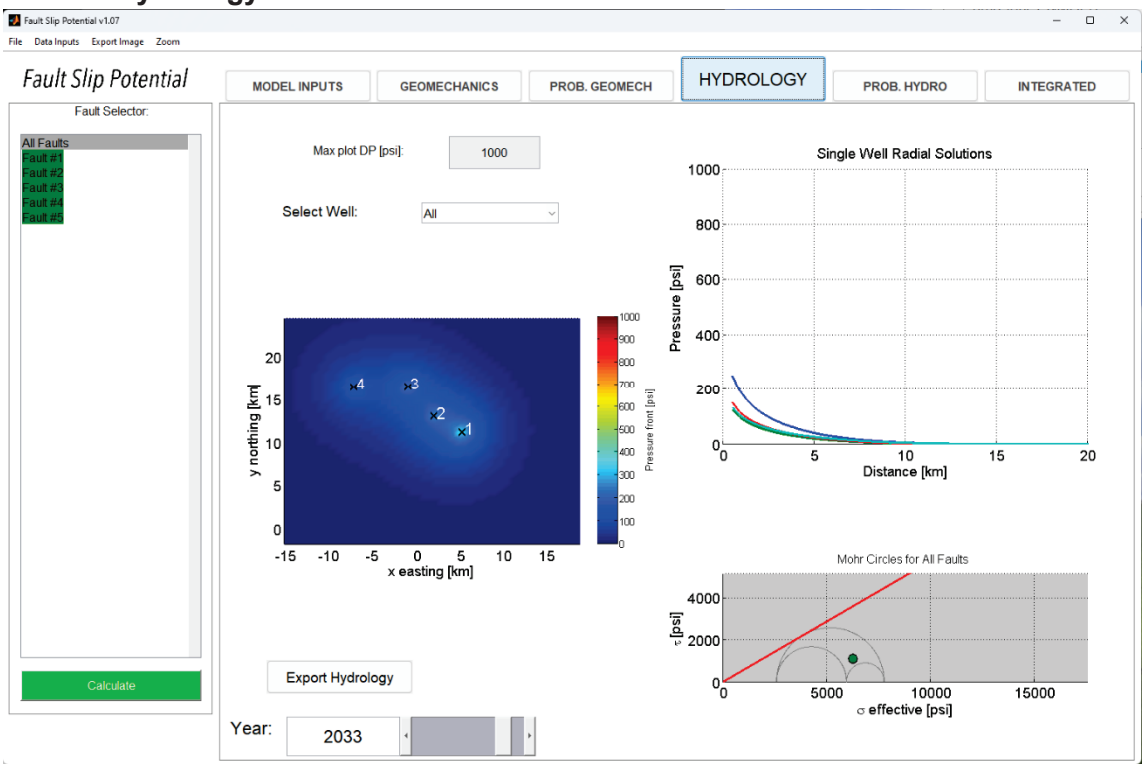
Year 5 Probabilistic Hydrology (note no crossover between blue delta-press. & green fault slip press.)



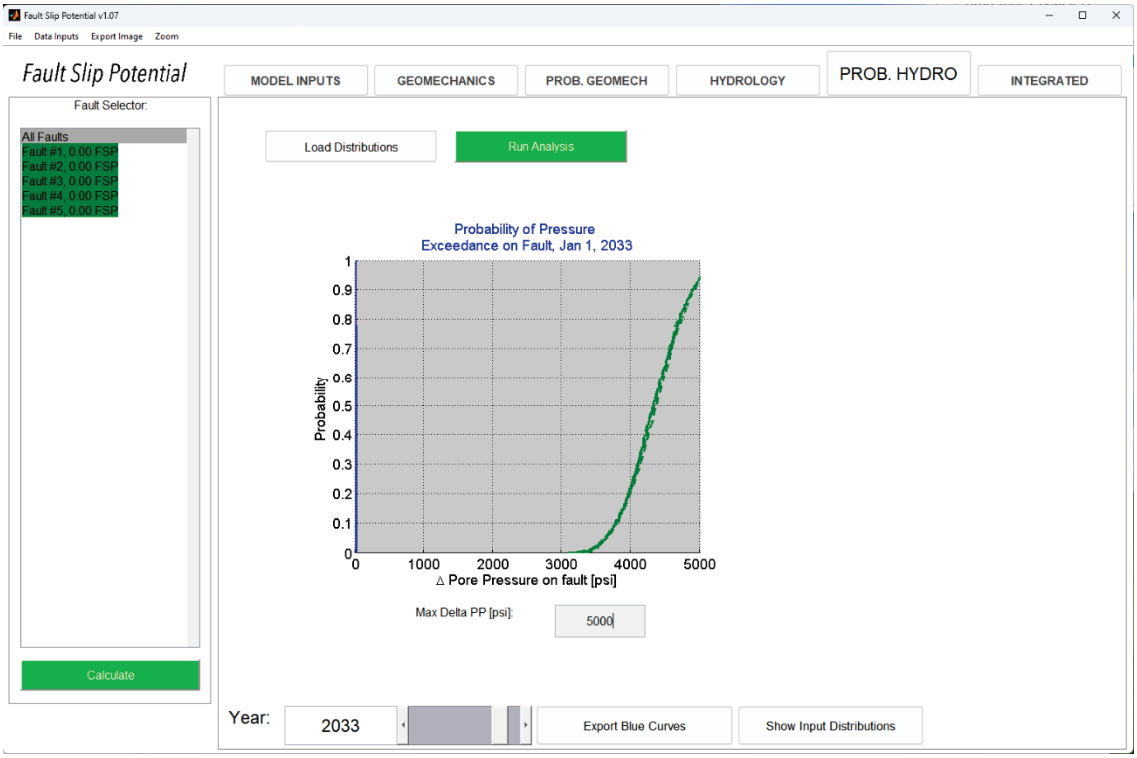
Year 5 Fault Slip Probability (0% after 5 years)



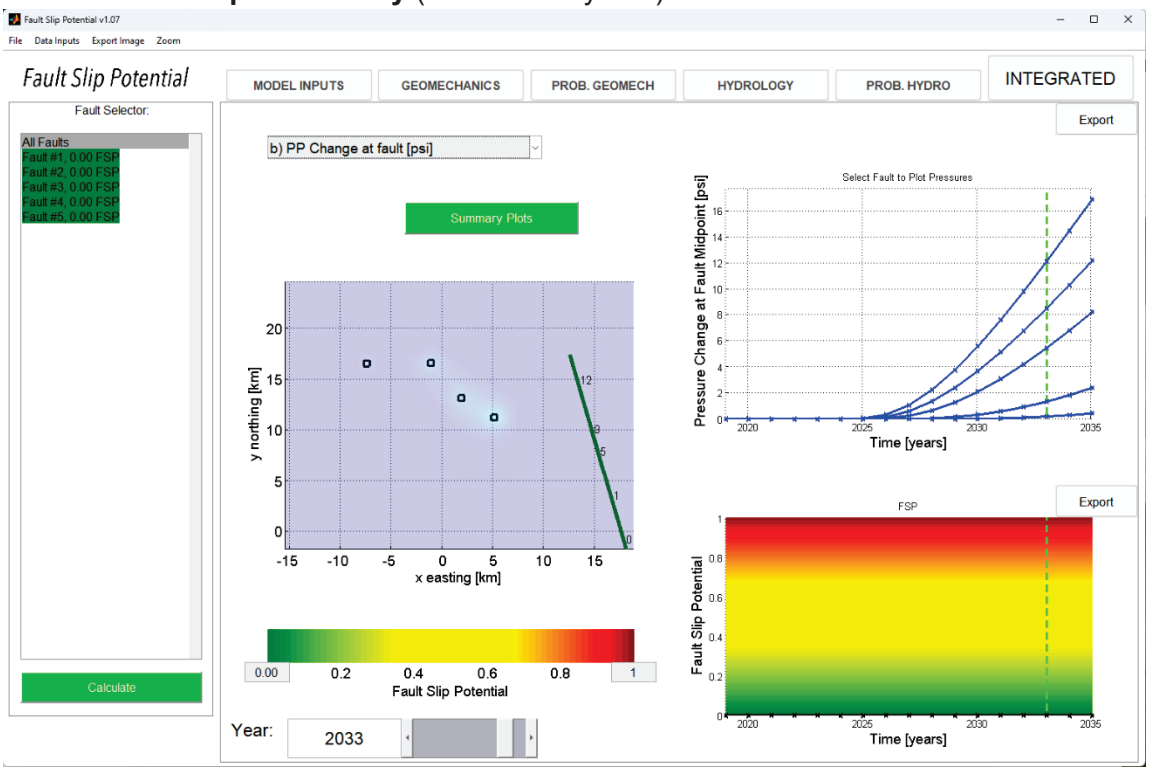
Year 10 Hydrology



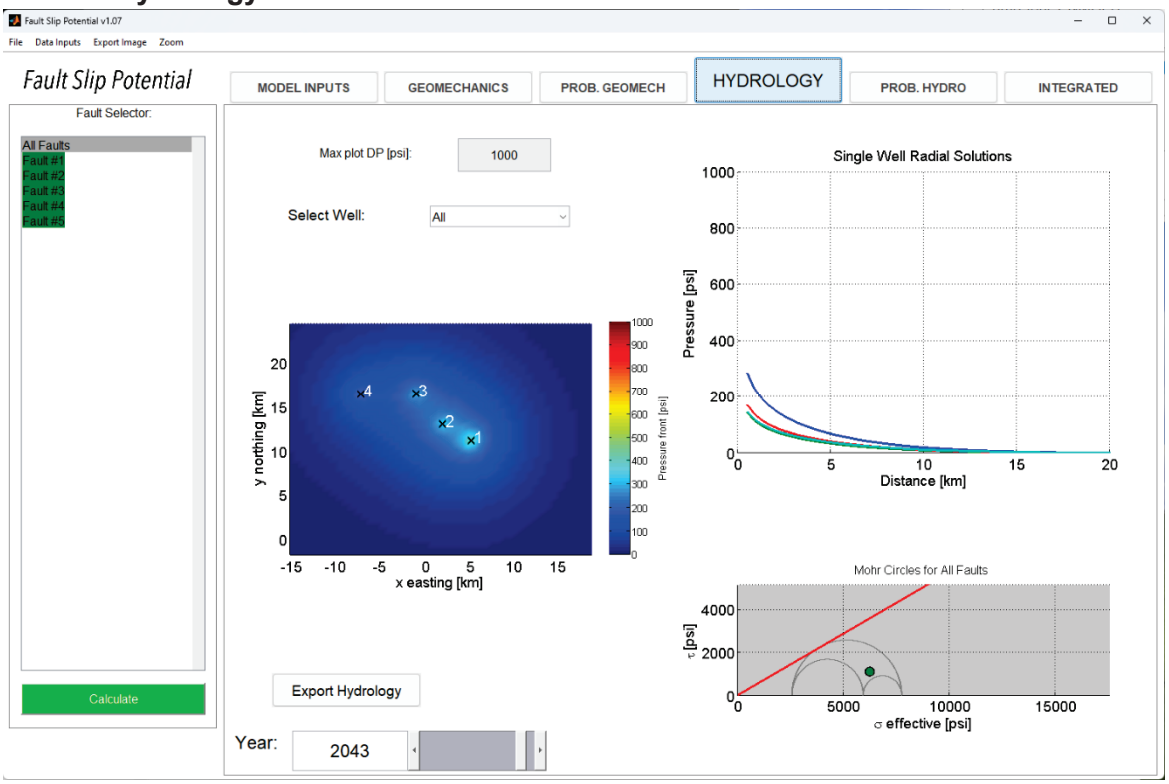
Year 10 Probabilistic Hydrology (note no crossover between blue delta-press. & green fault slip press.)



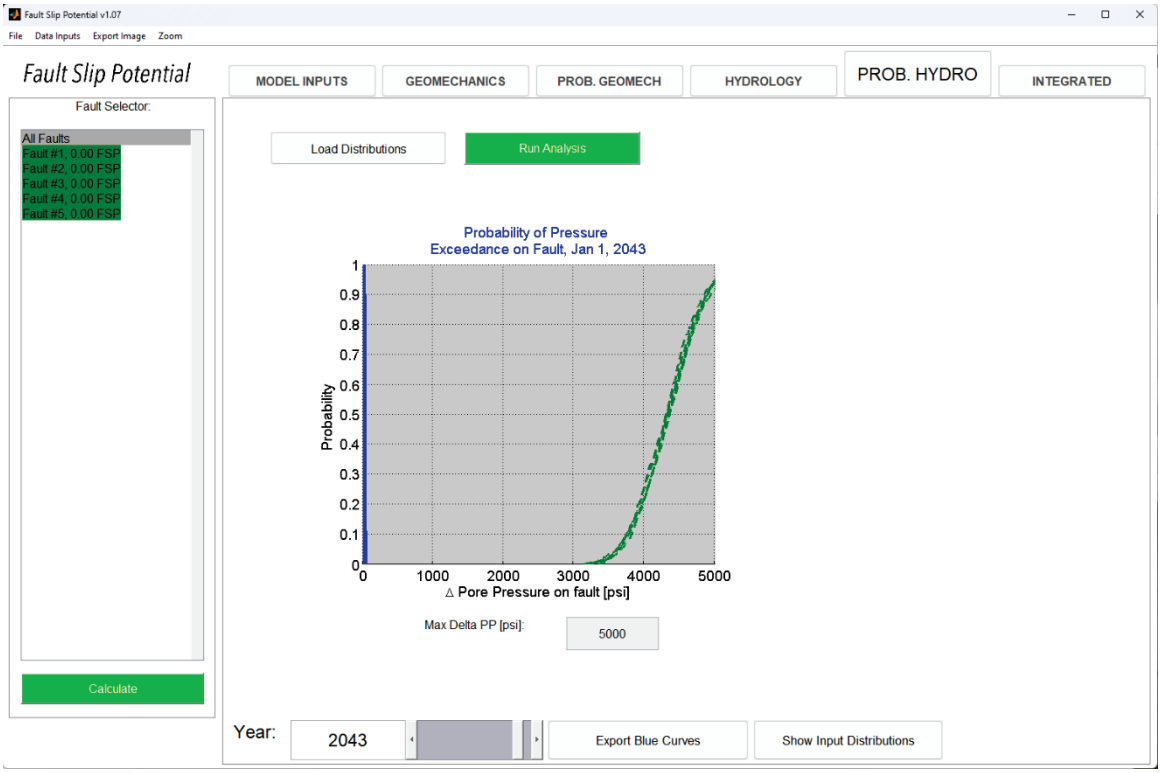
Year 10 Fault Slip Probability (0% after 10 years)



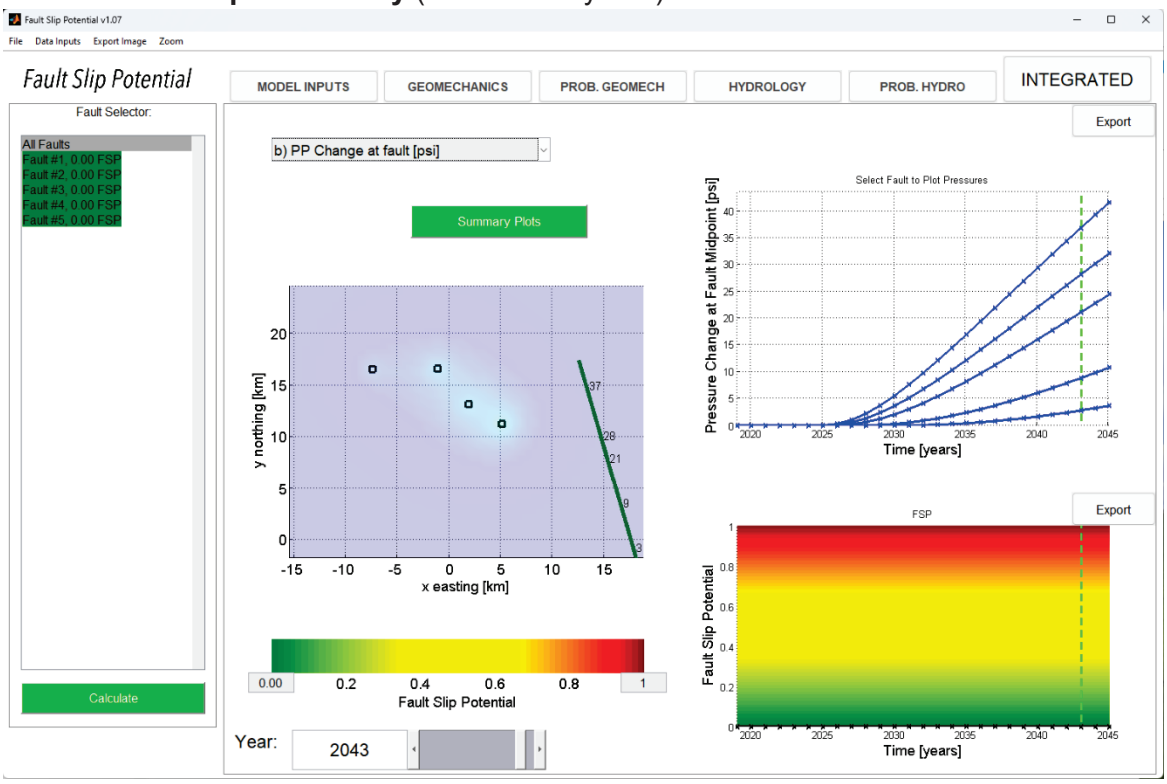
Year 20 Hydrology



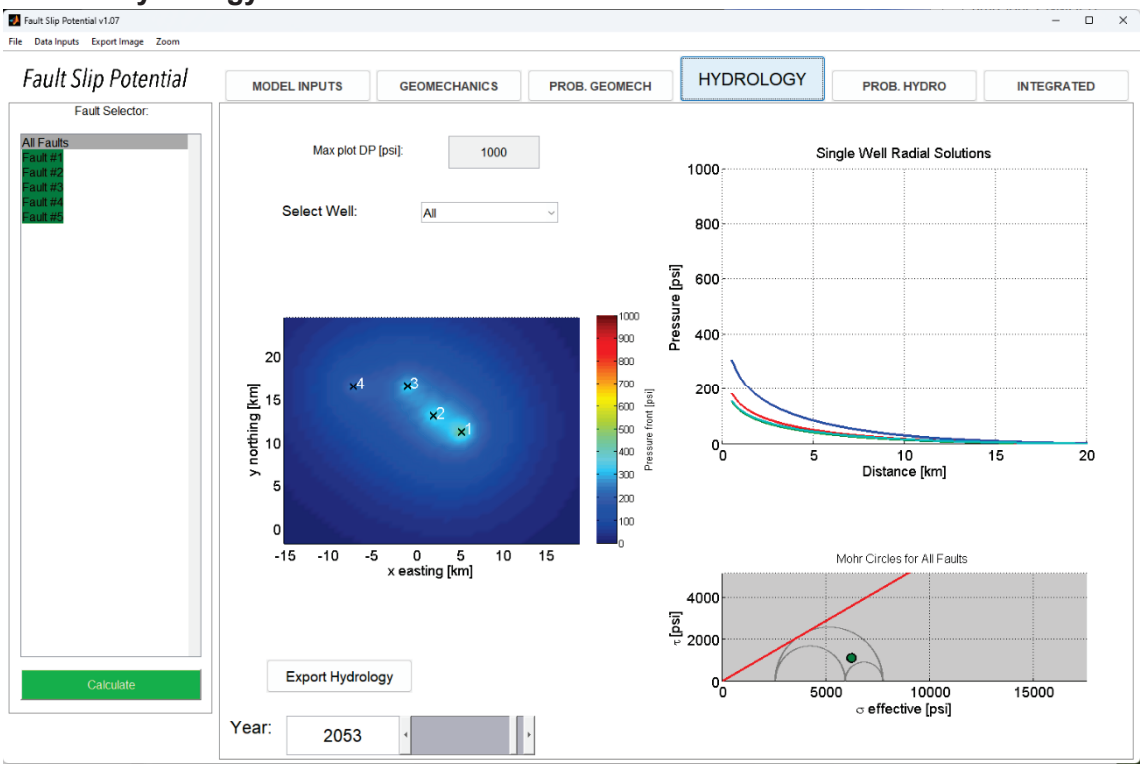
Year 20 Probabilistic Hydrology (note no crossover between blue delta-press. & green fault slip press.)



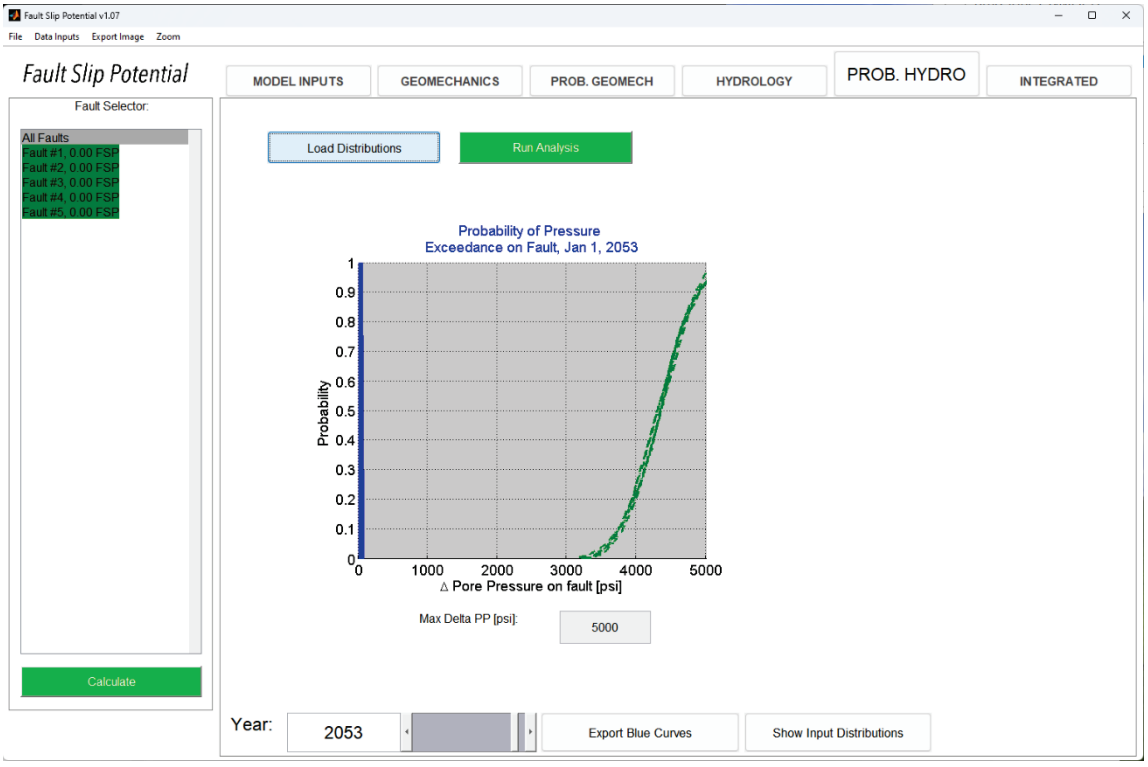
Year 20 Fault Slip Probability (0% after 20 years)



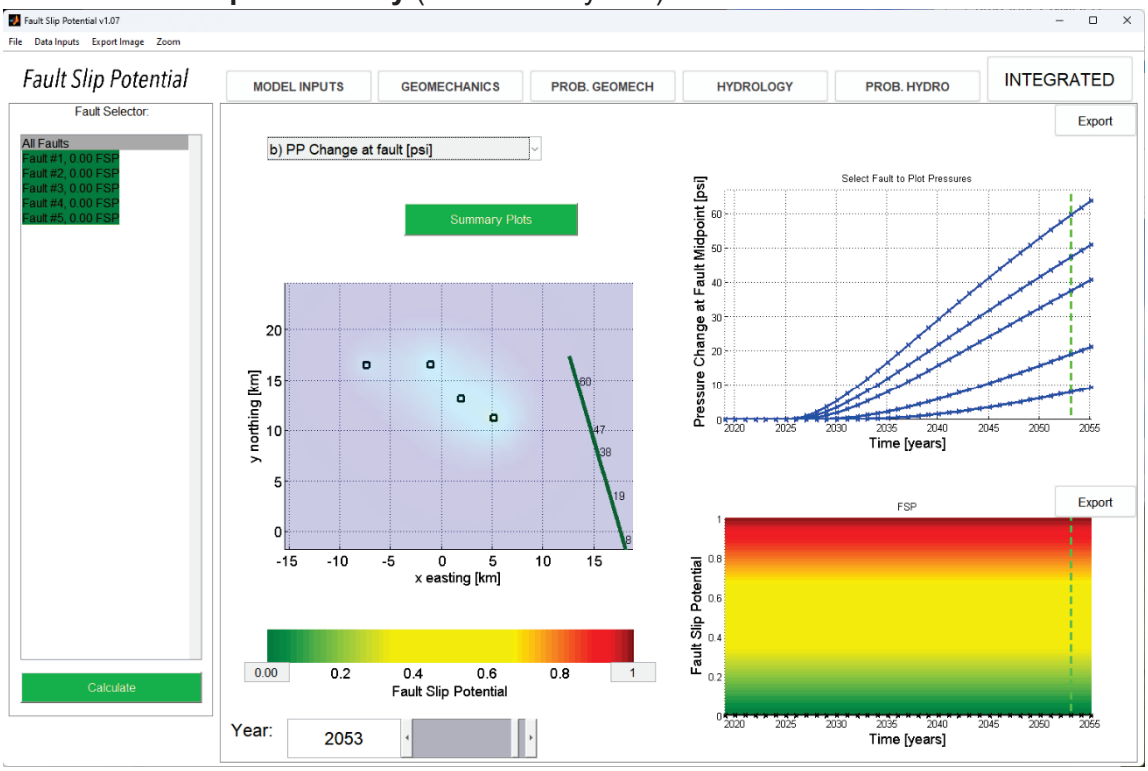
Year 30 Hydrology



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

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 336839

CONDITIONS

Operator: Permian Oilfield Partners, LLC PO Box 3329 Hobbs, NM 88241	OGRID: 328259
	Action Number: 336839
	Action Type: [IM-SD] Admin Order Support Doc (ENG) (IM-AAO)

CONDITIONS

Created By	Condition	Condition Date
mgebremichael	None	4/23/2024