

Submit 1 Copy To Appropriate District Office
District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

Form C-103
 Revised July 18, 2013

WELL API NO. 30-025-51764	
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name WILDRYE FEE SWD	
8. Well Number 1	
9. OGRID Number 328259	
10. Pool name or Wildcat SWD; DEVONIAN-SILURIAN	
SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) 1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> SALTWATER DISPOSAL 2. Name of Operator Permian Oilfield Partners, LLC 3. Address of Operator PO Box 3329 Hobbs, New Mexico 88241 4. Well Location Unit Letter <u>A</u> : <u>410</u> feet from the <u>NORTH</u> line and <u>240</u> feet from the <u>EAST</u> line Section <u>20</u> Township <u>19S</u> Range <u>35E</u> NMPM County <u>LEA</u> 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,797' (GR)	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> CLOSED-LOOP SYSTEM <input type="checkbox"/> OTHER: Notice -- Step Rate Test <input checked="" type="checkbox"/>		SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>	
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13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

WILDRYE FEE SWD WELL #1 (API: 30-025-51764) -- UIC PERMIT # SWD-2369
 NOTICE OF INTENT TO CONDUCT STEP RATE INJECTION TEST

On behalf of Permian Oilfield Partners, LLC (Permian Oilfield), we (Geolex, Inc.) are providing this notice of intent to complete a step-rate injection test on the Wildrye Fee SWD #1 (API: 30-025-51764) injection well. **It is currently anticipated that the injection test will be performed on April 8, 2025.** As service provider availability may impact the anticipated project schedule, Permian Oilfield will provide notice and coordinate with NMOC District Office personnel regarding the final project schedule, to ensure appropriate opportunity to witness testing activities is provided.

Attachment 1 of this submittal includes the as-built well schematic for the Wildrye Fee SWD #1 well. As shown in this schematic, the proposed step-rate injection test will be performed utilizing the as-built injection tubing, which is comprised of a combination (i.e., tapered string) of 7-inch (from surface to 10,388 ft.) and 5.5-inch injection tubing (from 10,388 to 14,470 ft.).

The proposed step-rate injection test is being designed to confirm the approved injection volume and operating pressure conditions, assess injection zone fracture pressure conditions, and to evaluate overall injectivity and reservoir performance within the approved Siluro-Devonian injection interval. The proposed injection test includes a 12-step pumping program with freshwater injection flow rates ranging from approximately 3 to up to 36 barrels per minute. The following Table 1 includes a preliminary pumping schedule for the proposed step-rate testing operation.

Table 1. Preliminary pumping schedule for Wildrye Fee SWD #1 Step Rate Test

Step	Rate (bpm)	BBL/Step	Total Volume (bbls)	Duration (min)	Total Time (min)	Rate (gal/min)
1	3	90	90	30	30	126
2	6	180	270	30	60	252
3	9	270	540	30	90	378
4	12	360	900	30	120	504
5	15	450	1350	30	150	630
6	18	540	1890	30	180	756
7	21	630	2520	30	210	882
8	24	720	3240	30	240	1008
9	27	810	4050	30	270	1134
10	30	900	4950	30	300	1260
11	33	990	5940	30	330	1386
12	36	1080	7020	30	360	1512

As constructed, all injection well components are suitable and adequately rated for the above proposed injection test procedure.

Upon completion of the Wildrye SWD injection test, the well will be shut in and pressure conditions recorded through a post-test observation period to ensure the re-establishment of static well conditions. Additionally, injection test results will be reviewed and analyzed to confirm allowable daily injection volume and surface pressure operating limits, and if possible, identify breakdown pressure within the Siluro-Devonian reservoir.

As previously described, all activities will be coordinated with NMOCD District Office personnel, to ensure adequate opportunity to witness testing operations.

Spud Date:

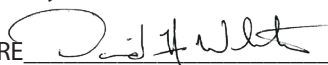
September 4, 2024

Rig Release Date:

November 10, 2024

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE



TITLE Consultant to Permian Oilfield

DATE 4/2/2025

Type or print name David A. White, P.G.

E-mail address: dwhite@geolex.com

PHONE: 505-842-8000

For State Use Only

APPROVED BY:

TITLE

DATE

Conditions of Approval (if any):

ATTACHMENT 1
AS-BUILT WELL SCHEMATIC

Wildrye Fee SWD #1
(API: 30-025-51764

**WELLBORE SCHEMATIC**

Permian Oilfield Partners, LLC.
 Wildrye Fee SWD #1
 410' FNL, 240' FEL
 Sec. 20, T19S, R35E, Lea Co. NM
 Lat 32.652154° N, Lon -103.471636° W
 GL 3797', RKB 3825'

Surface - (Conventional)

Hole Size: 26"
 Casing: 20" - 133# X-56 BTC Casing
 Depth Top: Surface
 Depth Btm: 1892'
 Cement: 1859 sks - Class C + Additives (100% Excess)
 Cement Top: Surface - (Circulated 275 sks)

Intermediate #1 - (Conventional)

Hole Size: 17.5"
 Casing: 13.375" - 72# C-110 Hydril 563 Casing
 Depth Top: Surface
 Depth Btm: 3610'
 Cement: 2530 sks - Class C + Additives
 Cement Top: Surface - (Circulated 656 sks)

Intermediate #2 - (Conventional)

Hole Size: 12.25"
 Casing: 9.625" - 40# P-110 BTC Casing
 Depth Top: Surface
 Depth Btm: 10694'
 Cement: 1475 sks - Halliburton NeoCem + Additives
 Cement Top: Surface - (Circ 597 sks off DV tool, Circ 298 sks on stg 2)
 ECP/DV Tool: 5325'

Intermediate #3 - (Liner)

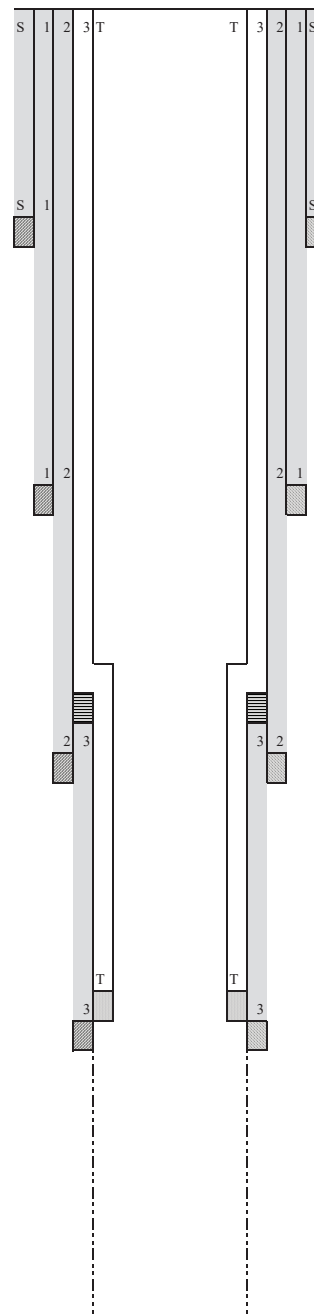
Hole Size: 8.75"
 Casing: 7.625" - 39# HP-110 FJM Casing
 Depth Top: 10544'
 Depth Btm: 14530'
 Cement: 375 sks - Class H + Additives
 Cement Top: 10544' - (Circulated 106 sks off liner top & Bond Log)

Intermediate #4 - (Open Hole)

Hole Size: 6.5"
 Depth: 15575'
 Inj. Interval: 14530' - 15575' (Open-Hole Completion)

Tubing - (Tapered)

Tubing Depth: 14470'
 Tubing: 7" - 26# HCP-110 HTGT Casing & 5.5" 17# HCL-80 HTGT Casing (IPC)
 X/O Depth: 10388'
 X/O: 7" 26# HCP-110 HTGT X - 5.5" 17# HCL-80 HTGT (IPC)
 Packer Depth: 14470'
 Packer: 5.5" - Inconel Permanent Packer
 Packer Fluid: Diesel + Additives

**ATTACHMENT 1. AS-BUILT WILDRYE FEE SWD #1 WELL SCHEMATIC**

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 448007

CONDITIONS

Operator: Permian Oilfield Partners, LLC PO Box 3329 Hobbs, NM 88241	OGRID: 328259
	Action Number: 448007
	Action Type: [C-103] NOI General Sundry (C-103X)

CONDITIONS

Created By	Condition	Condition Date
mgebremichael	Please submit subsequent report for approval.	4/15/2025