

Santa Fe Main Office

Phone: (505) 476-3441 Fax: (55) 476-3462

General Information

Phone: (505) 629-6116

Online Phone Directory Visit:

<https://www.emnrd.nm.gov/ocd/contact-us/>State of New Mexico
Energy, Minerals and Natural ResourcesForm C-103
Revised July 18, 2013OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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"/> SWD	
2. Name of Operator Permian Oilfield Partners LLC	
3. Address of Operator 1008 Southview Circle, Center, TX 75935	
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>South</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.) 3797' GR	

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☒
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
 DOWNHOLE COMMINGLE ☐
 CLOSED-LOOP SYSTEM ☐
 OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☐ P AND A ☐
 CASING/CEMENT JOB ☐
 OTHER: ☐

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.

Deviations in setting depths from APD:

- Intermediate #1. Set at 3610'. Bottom of Salt at 3332'. Original permit geology did not anticipate Yates, Seven Rivers, Queen, & San Andres formations, which do not usually support 10+ ppg mud weight. Started losing mud returns in the Yates due to 10+ ppg saturated brine mud from Salt section above. Set Intermediate #1 casing at 3610' to isolate salt section. Intermediate #2 casing set below base of DMG and cement circulated to surface to isolate DMG, Yates, Seven Rivers, Queen, San Andres from salt and any potential USDW.
- Intermediate #2. Set at 10,694'. Wellbore design intended to set Intermediate #2 in the top of the Wolfcamp formation. Top of Wolfcamp encountered at 10,625' instead of 10,091' as estimated in permit. Intermediate #2 setting depth adjusted accordingly.
- Production Liner. Set at 14,530'. Wellbore design intended to set Production Liner in the top of the Devonian formation. Top of Devonian encountered at 14,518' instead of 14,050' as estimated in permit. Production Liner setting depth adjusted accordingly.

Spud Date:

9/4/2024

Rig Release Date:

11/10/2024

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

SIGNATURE

TITLE President

DATE 1/5/2025

Type or print name Gary Fisher

E-mail address: gfisher@popmidstream.com

PHONE: 720-315-8035

For State Use Only

APPROVED BY:

TITLE

DATE

Conditions of Approval (if any):

Wildrye SWD #1, API 30-025-51764

Deviations in setting depths from APD:

1. Intermediate #1. Set at 3610'. Bottom of Salt at 3332'. Original permit geology did not anticipate Yates, Seven Rivers, Queen, & San Andres formations, which do not usually support 10+ ppg mud weight. Started losing mud returns in the Yates due to 10+ ppg saturated brine mud from Salt section above. Set Intermediate #1 casing at 3610' to isolate salt section. Intermediate #2 casing set below base of DMG and cement circulated to surface to isolate DMG, Yates, Seven Rivers, Queen, San Andres from salt and any potential USDW.
2. Intermediate #2. Set at 10,694'. Wellbore design intended to set Intermediate #2 in the top of the Wolfcamp formation. Top of Wolfcamp encountered at 10,625' instead of 10,091' as estimated in permit. Intermediate #2 setting depth adjusted accordingly.
3. Production Liner. Set at 14,530'. Wellbore design intended to set Production Liner in the top of the Devonian formation. Top of Devonian encountered at 14,518' instead of 14,050' as estimated in permit. Production Liner setting depth adjusted accordingly.

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)

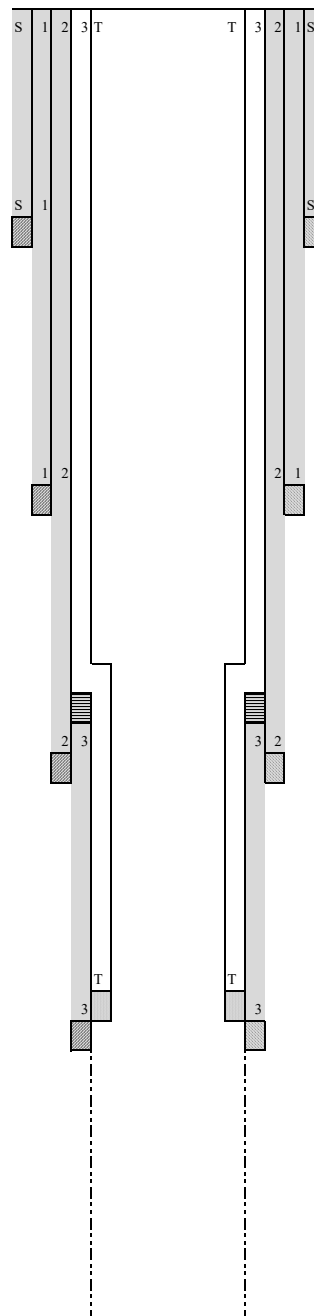
Hole Size: 8.75"
 Casing: 7.625" - 39# HP-110 FJM Casing
 Depth Top: 10544'
 Depth Btm: 14530'
 Cement: 375 sks - Class H + Additives
 Cement Top: 10544' - (Circulated 106 sks off liner top & Bond Log)

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



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Oil Conservation Division
1220 S. St Francis Dr.
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CONDITIONS

Action 417010

CONDITIONS

Operator: Permian Oilfield Partners, LLC PO Box 3329 Hobbs, NM 88241	OGRID: 328259
	Action Number: 417010
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
dmcclure	None	1/6/2025