

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

Form C-103
 Revised July 18, 2013

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

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.)		WELL API NO. 30-015-47702
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other SWD		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator Permian Oilfield Partners LLC		6. State Oil & Gas Lease No.
3. Address of Operator PO Box 3329, Hobbs, NM 88241		7. Lease Name or Unit Agreement Name McCrae SWD
4. Well Location Unit Letter <u>A</u> : <u>275</u> feet from the <u>North</u> line and <u>1000</u> feet from the <u>East</u> line Section <u>33</u> Township <u>19S</u> Range <u>28E</u> NMPM County <u>Eddy</u>		8. Well Number <u>1</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3359' GR		9. OGRID Number 328259
		10. Pool name or Wildcat SWD; Devonian-Silurian

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input checked="" type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
DOWNHOLE COMMINGLE <input type="checkbox"/>	P AND A <input type="checkbox"/>
CLOSED-LOOP SYSTEM <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>
OTHER: <input type="checkbox"/>	OTHER: <input type="checkbox"/>

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.

4/12/2021. MIRU workover rig to pull tubing & inspect for debris. Pull 7" x 5.5" tubing string. PU workstring & mill packer to clear slips. LD mill & PU fishing tools. Fish remnants of packer. LD fishing tools & PU mill tooth bit. Ensure hole clear to TD of 12,650'. LD workstring. RIH w/ packer & 7" x 5.5" tubing string to 12003'. 5-7-2021 Reverse circulate 360 bbls of 10.0 ppg packer fluid. Set packer & land tubing @ 12,003'. Test annulus to 560 psi for 30 min. Held OK. ND BOPE, NU wellhead. 5-11-2021, perform MIT to 340 psi for 33 min., 0 psi pressure drop. Dan Smolik, NMOCD Artesia notified. MIT chart recording attached.

Spud Date:

12/10/2020

Rig Release Date:

1/14/2021

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

SIGNATURE Gary E Fisher TITLE President DATE 5-27-2021

Type or print name Gary E Fisher E-mail address: gfisher@popmidstream.com PHONE: 817-606-7630

For State Use Only

APPROVED BY: Kerry Fortner TITLE Compliance Officer A DATE 7/23/24

Conditions of Approval (if any):

Remedial Workover Program

Permian Oilfield Partners LLC

McCrae SWD #1

SL: 275' FNL & 1000' FEL

Sec 33, T19S, R28E

Eddy County, New Mexico

Emergency Phone Numbers

<i>Eddy County Sheriff's Office</i> -----	575-887-7511
<i>Ambulance Service</i> -----	911 or 575-885-3125
<i>Carlsbad Fire Dept.</i> -----	911 or 575-883-3125
<i>Closest Medical Facility</i> ----- <i><u>Columbia Medical Center of Carlsbad</u></i> -----	575-887-4100
<i>New Mexico State Police</i> -----	575-746-2703

Directions to Location:

From intersection of Hwy 62/180 & Magnum Rd (Eddy Co 243), go north 5.8 miles. Turn west at T and continue for 1.7 miles. Turn north on Buckskin Rd and continue north for 3.1 miles. Turn west on leas road and continue for 2.7 miles. **Do not enter from westside (Illinois Camp Rd) due to private land.**

Drilling Engineer – Tyler Ledlow (580) 603-1323, Sean Puryear (817) 600-8772

Drilling Manager – Brian Baker (432) 269-8633

Geologist – Gary Fisher (817) 606-7630

Emergency Contact – Luke Garrett (936) 591-2312

Other Phone Numbers

Regulatory Agency – NMOCD Artesia	575-748-1283
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Permian Oilfield Partners LLC – McCrae SWD #1**Pull current tubing completion & inspect for debris**

Casing: 9 5/8" 40# HCL80 BTC Csg x 7 5/8" 39# HCL80 FJ liner

Tubing: 7" 26# P-110 TCPC x 5 1/2" 20# P-110 TCPC, fiberglass lined

Packer: Halliburton 7 5/8" x 5.5" packer, Nickel Alloy 925

Depth: 7" to X/O @ 8524', 5 1/2" to packer @12035'

Wellbore fluid: Est. 9.1# produced water in tubing, 10.0# packer fluid in annulus.

Procedure: MIRU completion rig. Check SITP and pump 10# brine slug to kill well as required. ND tree and NU 13 5/8" 10k psi rated dual ram BOP stack & 5k psi rated annular BOP. RU casers, sting out of packer & pull tubing string & seal assembly. Inspect tubing when on racks & replace as needed. PU washover mill w/Cutrite on internal & bottom edges, stabilizer, 1 DC, stabilizer, 2 jts DC & 2 additional stands DC, with 4" workstring back to surface. Mill past packer top slips (16" past top of packer). Use caution when milling packer to avoid damaging casing. TOH w/mill assembly and PU fishing spear to fish packer assembly. TOH w/ packer assembly.

BOPE: 13 5/8" 10K psi rated dual ram BOP stack, 5K psi rated annular

BOPE Testing: Test all BOPE to 5K psi

Permian Oilfield Partners LLC – McCrae SWD #1

Production Hole-Ensure clean to TD

- Hole size:** 6 ½"
- Depth:** 12650'
- Mud:** Cut Brine 8.4 to 8.6 ppg, 35 to 40 visc. Mud weight not to exceed 9.0 ppg. Mud properties may have to be adjusted as needed for hole conditions.
- Cleanout Parameters:** **Ensure 13 5/8" 10k psi rated dual ram BOP stack & 5k psi rated annular BOP are NU & tested.** PU mill tooth bit & DC's, with 4" workstring back to surface. TIH to 12650'. Pump high viscosity sweep and circulate hole clean. TOH & LD workstring & BHA.

Permian Oilfield Partners LLC – McCrae SWD #1

Re-run tubing w/new packer

Prod. Pkr. & Tubing: 5.5" Ni coated Arrowset 1X Packer w/ on/off tool, short jt. 3 ½" EUE 12.95# PC
tail pipe & pump out plug
7" 26# TCPC tubing x 5 ½" 20# TCPC tubing, fiberglass lined

RU casers. Strap, tally & clean 7" x 5 ½" tubing. RIH with Ni coated Arrowset 1X packer & tubing. Circ packer fluid & set packer @ approx. 12,005' w/60k compression w/remaining string weight on tubing hanger. ND BOP & NU injection tree. Pressure test backside to 500 psi for 30 minutes. Schedule NMOCD Artesia, Dan Smolik to witness MIT as per NMOCD requirements. RDMO workover rig.

JAMAAL STEAMER

Test Length: 32 min

END Pres: 340 psi

Start Pres: 340 psi

Clock Settings 60 min.

1000 #

SER. #: 08068

DATE: 3/15/21

775. FNL R28E

Sec 33 T195 R28E

30-015-47702

McCrack SWD #1

Perkman Oilfield Partners

MIT

CHART NO. MC MP-1000-1HR
METER
TAKEN OFF
CHART PUT ON
LOCATION
REMARKS

McCrack SWD #1
5-11-2021

Graphic Controls

WELLBORE SCHEMATIC**McCrae SWD #1****Eddy Co., NM****30-015-47702****Surface - (Conventional)**

Hole Size: 26"
 Casing: 20" - 94# J-55 BTC Casing
 Depth Top: Surface
 Depth Btm: 563'
 Cement: 1530 sks - Class C + Additives
 Cement Top: Surface - (Circulated)

Intermediate #1 - (Conventional)

Hole Size: 17.5"
 Casing: 13.375" - 54.5# J-55 BTC Casing
 Depth Top: Surface
 Depth Btm: 2686'
 Cement: 1710 sks - Class C + Additives
 Cement Top: Surface - (Circulated)

Intermediate #2 - (Conventional)

Hole Size: 12.25"
 Casing: 9.625" - 40# HCL-80 BTC Casing
 Depth Top: Surface
 Depth Btm: 8814'
 Cement: Stg 1: 1270 sks, Stg 2: 635 sks - All Class C + Additives
 Cement Top: Stg 1: 2753' (ECP/DV Tool, Circulate), Stg 2: Surface - (Circulated)
 ECP/DV Tool: 2753'

Intermediate #3 - (Liner)

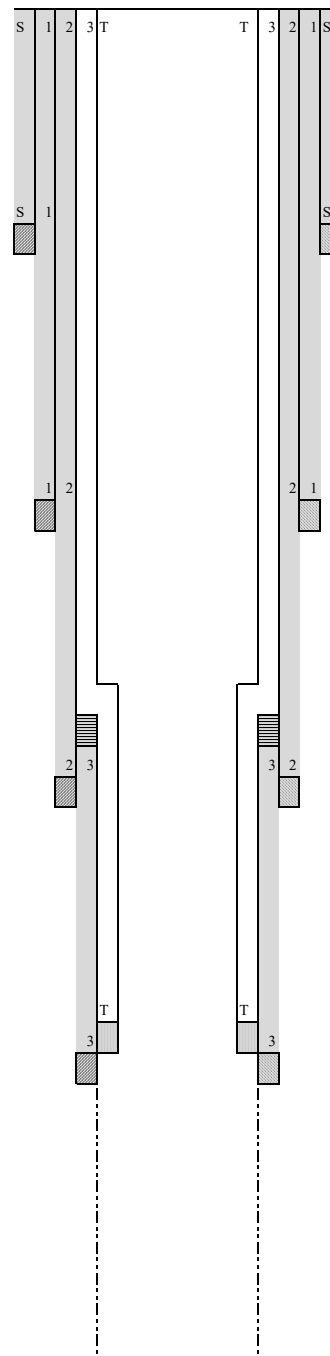
Hole Size: 8.75"
 Casing: 7.625" - 39# HCL-80 FJ Casing
 Depth Top: 8614'
 Depth Btm: 12059'
 Cement: 375 sks - Class H + Additives
 Cement Top: 8614' - (Circulated)

Intermediate #4 - (Open Hole)

Hole Size: 6.5"
 Depth: 12650'
 Inj. Interval: 12059' - 12650' (Open-Hole Completion)

Tubing - (Tapered)

Tubing Depth: 12003'
 Tubing: 7" 26# P-110 TCPC Casing & 5.5" 20# P-110 TCPC & 5.5" 20# P-110 LFJM Casing (Fiberglass Lined)
 X/O Depth: 8492'
 X/O: 7" 26# HCP-110 FJ Casing - X - 5.5" 17# HCP-110 FJ Casing (Fiberglass Lined)
 Packer Depth: 12003'
 Packer: 5.5" - Arrowset X-1 (Nickel coated)



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CONDITIONS

Action 23313

CONDITIONS

Operator: Permian Oilfield Partners, LLC PO Box 3329 Hobbs, NM 88241	OGRID: 328259
	Action Number: 23313
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
kfortner	None	7/23/2024