

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

WELL API NO. 30-015-47702
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 McCrae 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 checked="" type="checkbox"/> Other SWD
2. Name of Operator Permian Oilfield Partners LLC
3. Address of Operator PO Box 3329, Hobbs, NM 88241
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 Eddy County
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3359' GR

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 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: Tubing Size Change <input checked="" 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.

Permian Oilfield Partners LLC is the approved transferee (as of December 2, 2020) of an approved drilling permit (C-101) for the McCrae SWD #1 dated November 3, 2020, and its associated approved Administrative Order SWD-2004, dated November 19, 2019, to dispose of oilfield produced water through an open hole interval within the Devonian & Silurian formations between 12,094' and 14,294' depth. A one-year extension to the deadline to commence injection was granted on October 2, 2020, extending this deadline to November 19, 2021. Permian Oilfield Partners has contracted a drilling rig to MIRU on this location, and intend to spud by December 9, 2020.

Permian Oilfield Partners requests permission to modify the injection tubing string to 7" tubing within the 9 5/8" casing and to 5.5" tubing within the 7 5/8" liner (proposed wellbore schematic attached), in order to decrease friction pressures. The approved drilling permit and SWD order currently specify 5.5" tubing within the 9 5/8" casing and 5" tubing within the 7 5/8" liner. The surface injection pressure limit will remain at 2419 psi, as specified in the SWD order.

Spud Date:

Rig Release Date:

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 12-3-2020

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

For State Use Only

APPROVED BY: Phil Goetze TITLE District III Geologist DATE 2/4/2021

Conditions of Approval (if any):

WELLBORE SCHEMATIC

Solaris Water Midstream LLC
 McCrae SWD #1
 275' FNL, 1000' FEL
 Sec. 33, T19S, R28E, Eddy Co. NM
 Lat 32.623682° N, Lon 104.176094° W
 GL 3359', RKB 3389'

Surface - (Conventional)

Hole Size: 26"
 Casing: 20" - 94# J-55 BTC Casing
 Depth Top: Surface
 Depth Btm: 656'
 Cement: 1266 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: 2660'
 Cement: 1821 sks - Class C + Additives (50% Excess)
 Cement Top: Surface - (Circulate)

Intermediate #2 - (Conventional)

Hole Size: 12.25"
 Casing: 9.625" - 40# HCL-80 BTC Casing
 Depth Top: Surface
 Depth Btm: 8814'
 Cement: Stg 1: 1333 sks, Stg 2: 755 sks - All Class C + Additives (50% Excess)
 Cement Top: Stg 1: 2760' (ECP/DV Tool, Circulate), Stg 2: Surface - (Circulate)
 ECP/DV Tool: 2760'

Intermediate #3 - (Liner)

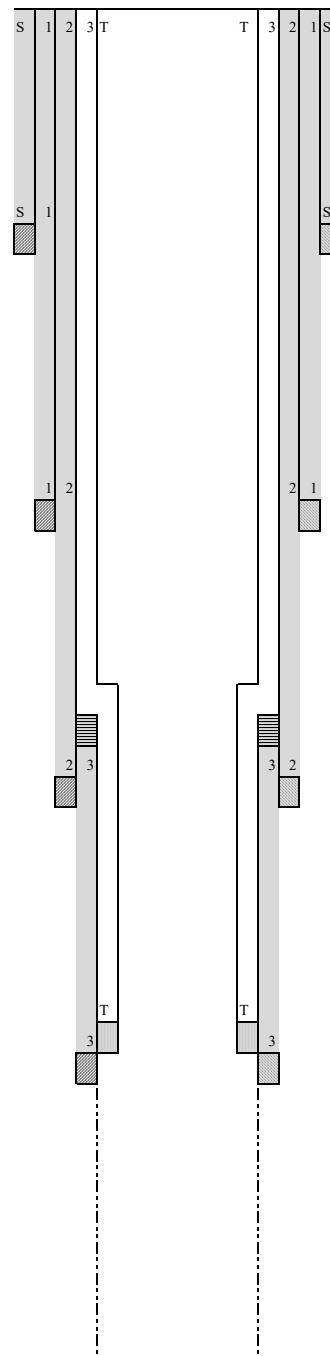
Hole Size: 8.75"
 Casing: 7.625" - 39# HCL-80 FJ Casing
 Depth Top: 8614'
 Depth Btm: 12094'
 Cement: 336 sks - Class H + Additives
 Cement Top: 8614' - (Volumetric)

Intermediate #4 - (Open Hole)

Hole Size: 6.5"
 Depth: 14294'
 Inj. Interval: 12094' - 14294' (Open-Hole Completion)

Tubing - (Tapered)

Tubing Depth: 12049'
 Tubing: 7" 26# HCP-110 FJ Casing & 5.5" 17# HCP-110 FJ Casing (Fiberglass Lined)
 X/O Depth: 8614'
 X/O: 7" 26# HCP-110 FJ Casing - X - 5.5" 17# HCP-110 FJ Casing (Fiberglass Lined)
 Packer Depth: 12059'
 Packer: 5.5" - Perma-Pak or Equivalent (Inconel)



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CONDITIONS

Action 16895

CONDITIONS OF APPROVAL

Operator:	PERMIAN OILFIELD PARTNERS, LLC	PO Box 3329	Hobbs, NM88241	OGRID:	328259	Action Number:	16895	Action Type:	C-103A
OCD Reviewer	Condition								
kpickford	None								