

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

Form C-101
Revised July 18, 2013

Energy Minerals and Natural Resources

Oil Conservation Division

HOBBS OCD

☐ AMENDED REPORT

1220 South St. Francis Dr.

JUL 31 2018

Santa Fe, NM 87505

M/N P
GARY P

RECEIVED

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address Mesquite SWD, Inc. PO Box 1479 Carlsbad, NM 88221-1479		2. OGRID Number 161968	
3. API Number 30-025-45029		6. Well No. 1	
4. Property Code 322176		5. Property Name TREY SWD	

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
A	21	23S	32E		200	North	200	East	LEA

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County

9. Pool Information

Pool Name SWD; Devonian - <i>SILURIAN</i> Order SWD-1699	Pool Code 9640T 97889
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Additional Well Information

11. Work Type New Well	12. Well Type SWD	13. Cable/Rotary Rotary	14. Lease Type Private	15. Ground Level Elevation 3689'
16. Multiple N	17. Proposed Depth 18000	18. Formation Devonian	19. Contractor	20. Spud Date 9/01/2018
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	26	20	94	1180	1700	0
Int 1	17.5	13.375	68	4800	2000	0
Int 2	12.25	9.625	53.5	12200	2000	1000
Prod Liner	8.5	7.625	39	16700	300	11700

Casing/Cement Program: Additional Comments

Propose to drill 26" hole to 1180' w/fresh wtr, run 20" 94# J-55 BTC csg, set @ 1180' w/1700 sx cmt, circ to surf. Drill 17.5" hole to 4800' w/brine wtr, run 13 3/8" 68# J-55 LTC csg, set @ 4800' w/2000 sx cmt, circ to surf. Drill 12 1/4" hole to 12200' w/cut brine, run 9 5/8" 53.5# L80 csg, set @ 12200' w/2000 sx cmt, TOC 1000'. Drill 8 1/2" hole to 16700' w/cut brine, run 7 5/8" 39# P-110 liner 11700'-16700', cmt w/300 sx cmt, TOC 11700'. Drill 6 1/2" hole to 18000' w/fresh wtr. Complete open hole 16700'-18000'.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	5000	Cameron
Double Ram	5000	5000	Cameron

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

I further certify that I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☒, if applicable.

Signature: *Stormi Davis*

Printed name: Stormi Davis

Title: Agent

E-mail Address: ssdavis104@gmail.com

Date: 07/31/2018

Phone: 575-308-3765

OIL CONSERVATION DIVISION

Approved By:

Title: *Petroleum Engineer*

Approved Date: 07/31/18 Expiration Date: 07/31/20

Conditions of Approval Attached