

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
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-101
Revised July 18, 2013

☐ AMENDED REPORT

HO-1000
JUL 27 2018
RECEIVED

MIN P
SWAP P

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

¹ Operator Name and Address Mesquite SWD, Inc. PO Box 1479 Carlsbad, NM 88221-1479		² OGRID Number 161968
⁴ Property Code 722186		³ API Number 30-025-45028
⁵ Property Name RED HILLS SWD		⁶ Well No. 1

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
H	5	26S	33E		1500	North	430	East	LEA

*** 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

⁹ Pool Name SWD;Devonian-Montoya	¹⁰ Order SWD-1684	¹¹ Pool Code 97803
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Additional Well Information

¹² Work Type New Well	¹³ Well Type SWD	¹⁴ Cable/Rotary Rotary	¹⁵ Lease Type Private	¹⁶ Ground Level Elevation 3360'
¹⁷ Multiple N	¹⁸ Proposed Depth 17820	¹⁹ Formation Devonian	²⁰ Contractor	²¹ Spud Date 9/01/2018
²² Depth to Ground water		²³ Distance from nearest fresh water well		²⁴ 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	880	1200	0
Int 1	17.5	13.375	68	4900	1800	0
Int 2	12.25	9.625	53.5	12100	2000	750
Prod Liner	8.5	7.625	39	17000	400	11600

Casing/Cement Program: Additional Comments

Propose to drill 26" hole to 880' w/fresh wtr, run 20" 94# J-55 BTC csg, set @ 880' w/1200 sx cmt, circ to surf. Drill 17.5" hole to 4900' w/brine wtr, run 13 3/8" 68# J-55 LTC csg, set @ 4900' w/1800 sx cmt, circ to surf. Drill 12 1/4" hole to 12100' w/cut brine, run 9 5/8" 53.5# L80 csg, set @ 12100' w/2000 sx cmt, TOC 750'. Drill 8 1/2" hole to 17000' w/cut brine, run 7 5/8" 39# P-110 liner 11600'-17000', cmt w/400 sx cmt, TOC 11600'. Drill 6 1/2" hole to 17820' w/fresh wtr. Complete open hole 17000'-17820'.

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: **07/27/2018**

Phone: **575-308-3765**

OIL CONSERVATION DIVISION

Approved By:

Title:

Approved Date: **07/31/18**

Expiration Date: **07/31/20**

Conditions of Approval Attached