

**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  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

HO-1100  
JUL 27 2018  
RECEIVED

AMENDED REPORT

MIN P  
SURF P

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

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

<sup>7</sup> 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

<sup>8</sup> Proposed Bottom Hole Location

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

<sup>9</sup> Pool Information

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

<sup>11</sup> Work Type New Well	<sup>12</sup> Well Type SWD	<sup>13</sup> Cable/Rotary Rotary	<sup>14</sup> Lease Type Private	<sup>15</sup> Ground Level Elevation 3360'
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 17820	<sup>18</sup> Formation Devonian	<sup>19</sup> Contractor	<sup>20</sup> 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

<sup>21</sup> 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'.

<sup>22</sup> Proposed Blowout Prevention Program

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

<sup>23</sup> 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 <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> , if applicable. Signature: <i>Stormi Davis</i> Printed name: Stormi Davis Title: Agent E-mail Address: ssdavis104@gmail.com Date: 07/27/2018	OIL CONSERVATION DIVISION	
	Approved By: <i>[Signature]</i> Title: Petroleum Engineer	
	Approved Date: 07/31/18	Expiration Date: 07/31/20
	Conditions of Approval Attached	
	Phone: 575-308-3765	