

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone (575) 393-6161 Fax: (575) 393-9720

**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

AMENDED REPORT

1220 South St. Francis Dr.

Santa Fe, NM 87505

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

|  |  |   |
|--|--|---|
| <sup>1</sup> Operator Name and Address<br>Mesquite SWD, Inc.<br>PO Box 1479<br>Carlsbad, NM 88221-1479 |  | <sup>2</sup> OGRID Number<br>161968     |
| <sup>3</sup> Property Code<br>317427   |  | <sup>4</sup> API Number<br>30-015-44061 |
| <sup>5</sup> Property Name<br>Scott B SWD  |  | <sup>6</sup> Well No.<br>1              |

<sup>7</sup> Surface Location

| UL - Lot | Section | Township | Range | Lot Idn | Feet from | N/S Line | Feet From | E/W Line | County |
|----------|---------|----------|-------|---------|-----------|----------|-----------|----------|--------|
| N        | 23      | 24S      | 28E   |         | 274       | S        | 2165      | W        | Eddy   |

<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<br>SWD; Devonian-Silurian | Pool Code<br>97869 |
|-------------------------------------|--------------------|

Additional Well Information

|                                     |  |  |                                     |   |
|-------------------------------------|--|--|-------------------------------------|---|
| <sup>11</sup> Work Type<br>New Well | <sup>12</sup> Well Type<br>SWD         | <sup>13</sup> Cable/Rotary<br>Rotary         | <sup>14</sup> Lease Type<br>Private | <sup>15</sup> Ground Level Elevation<br>2954' |
| <sup>16</sup> Multiple<br>N         | <sup>17</sup> Proposed Depth<br>16200' | <sup>18</sup> Formation<br>Devonian-Silurian | <sup>19</sup> Contractor            | <sup>20</sup> Spud Date<br>03/15/2017         |
| 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          | 133              | 550           | 650             | 0             |
| Int                 | 17 1/2    | 13 5/8      | 68               | 2600          | 1000            | 0             |
| 2 <sup>nd</sup> Int | 12 1/4    | 9 5/8       | 53.5             | 9600          | 1600            | 0             |
| Liner               | 8 1/2     | 7 5/8       | 39               | 9100-14800    | 2400            | 9100          |

Casing/Cement Program: Additional Comments

Order SWD-1642

<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  and/or 19.15.14.9 (B) NMAC , if applicable.

Signature: *Melanie J. Wilson*

Printed name: Melanie J. Wilson

Title: Regulatory Analyst

E-mail Address: mjp1692@gmail.com

Date: 02/14/2017

Phone: 575-914-1461

OIL CONSERVATION DIVISION

Approved by:

*Raymond N. Soderberg*

Title:

*Geologist.*

Approved Date: 2-15-2017

Expiration Date: 2-15-2019

Conditions of Approval Attached

DISTRICT I  
1625 N. FRENCH DR., NOBBS, NM 88240  
Phone: (575) 393-8181 Fax: (575) 393-0720

DISTRICT II  
811 S. FIRST ST., ARTESIA, NM 88210  
Phone: (575) 746-1263 Fax: (575) 746-9720

DISTRICT III  
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State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

|                                    |                               |                            |
|------------------------------------|-------------------------------|----------------------------|
| API Number<br>30-015- <b>44061</b> | Pool Code<br>96101            | Pool Name<br>SWD; DEVONIAN |
| Property Code<br><b>317427</b>     | Property Name<br>SCOTT B SWD  |                            |
| OGRID No.<br>161968                | Operator Name<br>MESQUITE SWD |                            |
|                                    |                               | Well Number<br>1           |
|                                    |                               | Elevation<br>2954.0        |

**Surface Location**

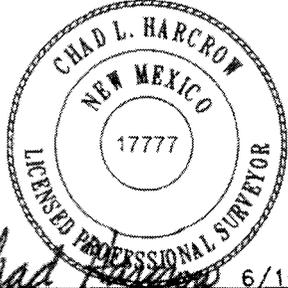
| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| N             | 23      | 24-S     | 28-E  |         | 274           | SOUTH            | 2165          | WEST           | EDDY   |

**Bottom Hole Location If Different From Surface**

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
|               |         |          |       |         |               |                  |               |                |        |

|                               |                 |                    |           |
|-------------------------------|-----------------|--------------------|-----------|
| Dedicated Acres<br><b>N/A</b> | Joint or Infill | Consolidation Code | Order No. |
|-------------------------------|-----------------|--------------------|-----------|

**NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**

|  |  |
|--|--|
| <div style="text-align: center;"> <p>NAD 27<br/><u>SURFACE LOCATION</u><br/>Y=435343.3 N<br/>X=584776.3 E<br/>LAT.=32.196578° N<br/>LONG.=104.192902° W</p> </div> <div style="text-align: center; margin-top: 20px;"> <p>2165' → S.L. ↓ 250'</p> </div> | <div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center;"><b>OPERATOR CERTIFICATION</b></p> <p style="font-size: small;"><i>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i></p> <p style="text-align: right;"><i>Melanie J. Wilson</i> 2/27/2017</p> <p>Signature _____ Date _____</p> <p>Melanie J. Wilson<br/>Printed Name<br/>mjp1692@gmail.com<br/>E-mail Address</p> <hr/> <p style="text-align: center;"><b>SURVEYOR CERTIFICATION</b></p> <p style="font-size: small;"><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <p style="text-align: center;">MAY 27, 2016</p> <p style="text-align: center;">Date of Survey _____</p> <p>Signature &amp; Seal of Professional Surveyor</p> <div style="text-align: center;">  </div> <p style="text-align: right;"><i>Chad Harcrow</i> 6/10/16</p> <p>Certificate No. CHAD HARCROW 17777<br/>W.O. # 16-432 DRAWN BY: JG</p> </div> |
|--|--|

STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES  
OIL CONSERVATION DIVISION

PERMIT CONDITIONS OF APPROVAL

Operator Name Mesquite SWD Inc  
API Number 30-0  
Well Name and Number Scott B SWD #1

- Will require a Directional Survey and "As Drilled" C-102 with the C-104
- Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string.
- If cement does not circulate to surface, must run temperature survey or other log to determine top of cement.