

| 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 Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170 District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462 | State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505 | Form C-103 August 1, 2011 Permit 311184 WELL API NUMBER 30-025-49154 5. Indicate Type of Lease S 6. State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name SANTA VACA 19 18 B2NC STATE COM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 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: O | | 8. Well Number 001H | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Name of Operator MEWBOURNE OIL CO | | 9. OGRID Number 14744 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Address of Operator P.O. Box 5270, Hobbs, NM 88241 | | 10. Pool name or Wildcat | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. Well Location Unit Letter <u>N</u> : <u>205</u> feet from the <u>S</u> line and feet <u>1980</u> from the <u>W</u> line Section <u>19</u> Township <u>19S</u> Range <u>35E</u> NMPM _____ County <u>Lea</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11. Elevation (Show whether DR, KB, BT, GR, etc.) 3788 GR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/> Pit Type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____ Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data <table style="width:100%;"> <tr> <td colspan="2">NOTICE OF INTENTION TO:</td> <td colspan="2">SUBSEQUENT REPORT OF:</td> </tr> <tr> <td>PERFORM REMEDIAL WORK <input type="checkbox"/></td> <td>PLUG AND ABANDON <input type="checkbox"/></td> <td>REMEDIAL WORK <input type="checkbox"/></td> <td>ALTER CASING <input type="checkbox"/></td> </tr> <tr> <td>TEMPORARILY ABANDON <input type="checkbox"/></td> <td>CHANGE OF PLANS <input type="checkbox"/></td> <td>COMMENCE DRILLING OPNS. <input type="checkbox"/></td> <td>PLUG AND ABANDON <input type="checkbox"/></td> </tr> <tr> <td>PULL OR ALTER CASING <input type="checkbox"/></td> <td>MULTIPLE COMPL <input type="checkbox"/></td> <td>CASING/CEMENT JOB <input type="checkbox"/></td> <td></td> </tr> <tr> <td colspan="2">Other: _____</td> <td colspan="2">Other: <u>Drilling/Cement</u> <input checked="" type="checkbox"/></td> </tr> </table> | | | NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | | PERFORM REMEDIAL WORK <input type="checkbox"/> | PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/> | ALTER CASING <input type="checkbox"/> | TEMPORARILY ABANDON <input type="checkbox"/> | CHANGE OF PLANS <input type="checkbox"/> | COMMENCE DRILLING OPNS. <input type="checkbox"/> | PLUG AND ABANDON <input type="checkbox"/> | PULL OR ALTER CASING <input type="checkbox"/> | MULTIPLE COMPL <input type="checkbox"/> | CASING/CEMENT JOB <input type="checkbox"/> | | Other: _____ | | Other: <u>Drilling/Cement</u> <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion. See attachment See Attached 10/22/2021 Spudded well. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Casing and Cement Program <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Date</th> <th>String</th> <th>Fluid Type</th> <th>Hole Size</th> <th>Csg Size</th> <th>Weight lb/ft</th> <th>Grade</th> <th>Est TOC</th> <th>Dpth Set</th> <th>Sacks</th> <th>Yield</th> <th>Class</th> <th>1" Dpth</th> <th>Pres Held</th> <th>Pres Drop</th> <th>Open Hole</th> </tr> </thead> <tbody> <tr> <td>10/22/21</td> <td>Surf</td> <td>FreshWater</td> <td>17.5</td> <td>13.375</td> <td>54.5</td> <td>j55</td> <td>0</td> <td>1906</td> <td>1325</td> <td>2.11</td> <td>c</td> <td>0</td> <td>1500</td> <td>0</td> <td>Y</td> </tr> <tr> <td>10/25/21</td> <td>Int1</td> <td>FreshWater</td> <td>12.25</td> <td>9.625</td> <td>40</td> <td>l80</td> <td>0</td> <td>3501</td> <td>875</td> <td>2.18</td> <td>c</td> <td>0</td> <td>1500</td> <td>0</td> <td>Y</td> </tr> <tr> <td>11/01/21</td> <td>Prod</td> <td>Mud</td> <td>8.75</td> <td>7</td> <td>29</td> <td>icy110</td> <td>0</td> <td>9950</td> <td>1000</td> <td>3.17</td> <td>c</td> <td>0</td> <td>1500</td> <td>0</td> <td>Y</td> </tr> <tr> <td>12/07/21</td> <td>Liner1</td> <td>Mud</td> <td>6.125</td> <td>4.5</td> <td>13.5</td> <td>p110ic</td> <td>9709</td> <td>20836</td> <td>925</td> <td>1.49</td> <td>c</td> <td>0</td> <td>2500</td> <td>0</td> <td>Y</td> </tr> </tbody> </table> | | | Date | String | Fluid Type | Hole Size | Csg Size | Weight lb/ft | Grade | Est TOC | Dpth Set | Sacks | Yield | Class | 1" Dpth | Pres Held | Pres Drop | Open Hole | 10/22/21 | Surf | FreshWater | 17.5 | 13.375 | 54.5 | j55 | 0 | 1906 | 1325 | 2.11 | c | 0 | 1500 | 0 | Y | 10/25/21 | Int1 | FreshWater | 12.25 | 9.625 | 40 | l80 | 0 | 3501 | 875 | 2.18 | c | 0 | 1500 | 0 | Y | 11/01/21 | Prod | Mud | 8.75 | 7 | 29 | icy110 | 0 | 9950 | 1000 | 3.17 | c | 0 | 1500 | 0 | Y | 12/07/21 | Liner1 | Mud | 6.125 | 4.5 | 13.5 | p110ic | 9709 | 20836 | 925 | 1.49 | c | 0 | 2500 | 0 | Y |
| Date | String | Fluid Type | Hole Size | Csg Size | Weight lb/ft | Grade | Est TOC | Dpth Set | Sacks | Yield | Class | 1" Dpth | Pres Held | Pres Drop | Open Hole | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines <input type="checkbox"/> a general permit <input type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| For State Use Only: <table style="width:100%;"> <tr> <td>APPROVED BY:</td> <td><u>Patricia L Martinez</u></td> <td>TITLE</td> <td>_____</td> <td>DATE</td> <td><u>8/4/2022 7:34:21 AM</u></td> </tr> </table> | | | APPROVED BY: | <u>Patricia L Martinez</u> | TITLE | _____ | DATE | <u>8/4/2022 7:34:21 AM</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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Spud**10/22/21**

Spud 17 ½" hole @ 1921'. Ran 1906' of 13 ⅝" 54.5# J55 ST&C Csg. Cmt w/1125 sks Class C w/additives. Mixed @ 12.5#/g w/2.11 yd. Tail w/200 sks Class C Neat. Mixed @ 14.8#/g w/1.33 yd. Displaced w/288 bbls of BW. Plug down @ 3:15 P.M. 10/23/21. Circ 333 sks of cmt to the pit. Tested BOPE to 5000# high & Annular 3500#. **At 6:00 A.M. 10/24/21, tested csg to 1500# for 30 mins, held OK. FIT to 10.5 PPG EMW. Drilled out at 12 ¼".**

Int**10/25/21**

TD'ed 12 ¼" hole @ 3616'. Ran 3501' of 9 ⅝" 40# L80 LT&C Csg. Cmt w/675 sks Class C w/additives. Mixed @ 12.4#/g w/2.18 yd. Tail w/200 sks Class C Neat. Mixed @ 14.8#/g w/1.32 yd. Displaced w/268 bbls of FW. Plug down @ 2:15 P.M. 10/25/21. Circ 227 sks of cmt to the pit. **At 10:15 P.M. 10/25/21, tested cag to 1500# for 30 min, held OK. FIT to 11.5 PPG EMW. Drilled out at 8 ¾".**

7 IN**11/01/21**

TD'ed 8 ¾" hole @ 10000'. Ran 9950' of 7" 29# ICY110 BT&C Csg. Cmt 1st Stage w/225 sks Class C w/additives. Mixed @ 11.3#/g w/3.17 yd. 1st Stage Tail w/400 sks Class H w/additives. Mixed @ 15.6#/g w/1.18 yd. Displaced w/368 bbls of BW. Slow rate lift pressure 2000# @ 3 BPM. Plug down @ 10:45 P.M. 11/01/21. Set ECP w/3305#. Dropped bomb & opened DV tool w/990#. Did not circ cmt off DV tool. 2nd Stage w/225 sks Class C w/additives. Mixed @ 11#/g w/3.53 yd. Tail Cmt w/150 sks Class C w/additives. Mixed @ 14.8#/g w/1.33 yd. Displaced w/186 bbls of FW. Plug down @ 1:20 A.M. 11/02/21. Closed DV tool w/2700#. Circ 56 sks of cmt to the pit. **At 11:30 A.M. 11/28/21, tested csg to 1500# for 30 mins, held OK. FIT to 10.5 PPG EMW. Rig released to walk @ 12:00 P.M. 11/02/21. Drilled out at 6 1/8".**

TD**12/07/21**

TD'ed 6 1/8" hole @ 20836' MD. Ran 4 ½" 13.5# P110IC TSH Wedge 461 Csg from 9709' (top of liner) to 20836'. Cmt w/925 sks Class C w/additives. Mixed @ 13.5#/g w/1.49 yd. Pumped 5 bbl sugar FW. Drop dart. Displaced w/261 bbls of FW. Lift Pressure 3400# @ 3 BPM. Plug down @ 6:00 A.M. 12/09/21. Bumped plug w/4000#. Set packer w/80k#. Released from liner hanger w/2000# on DP. Displaced csg w/210 bbls of sugar FW w/polymer. Circ 226 sks cmt off liner top. **At 9:00 A.M. 12/09/21, test liner top to 2500# for 15 mins, held OK. Rig released to move to @ 4:00 P.M. 12/10/21.**

