

Santa Fe Main Office Phone: (505) 476-3441 General Information Phone: (505) 629-6116 Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us	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 328269 WELL API NUMBER 30-025-50326 5. Indicate Type of Lease Private 6. State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name SANTA VACA 19 18 B3PA FEE																																																																																
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: Oil		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>P</u> : <u>205</u> feet from the <u>S</u> line and feet <u>1300</u> from the <u>E</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.) 3792 GR																																																																																		
Pit or Below-grade Tank Application ☐ or Closure ☐ 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: PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐ TEMPORARILY ABANDON ☐ CHANGE OF PLANS ☐ PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐ Other: _____ </td> <td> SUBSEQUENT REPORT OF: REMEDIAL WORK ☐ ALTER CASING ☐ COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDON ☐ CASING/CEMENT JOB ☐ Other: <u>Drilling/Cement</u> ☒ </td> </tr> </table>			NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐ TEMPORARILY ABANDON ☐ CHANGE OF PLANS ☐ PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐ Other: _____		SUBSEQUENT REPORT OF: REMEDIAL WORK ☐ ALTER CASING ☐ COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDON ☐ CASING/CEMENT JOB ☐ Other: <u>Drilling/Cement</u> ☒																																																																													
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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 8/5/2022 Spudded well.																																																																																		
Casing and Cement Program <table 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>08/05/22</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>1300</td> <td>2.12</td> <td>C</td> <td>0</td> <td>1500</td> <td>0</td> <td></td> </tr> <tr> <td>08/07/22</td> <td>Int1</td> <td>FreshWater</td> <td>12.25</td> <td>9.625</td> <td>40</td> <td>HCL 80</td> <td>0</td> <td>3608</td> <td>875</td> <td>2.17</td> <td>C</td> <td>0</td> <td>1500</td> <td>0</td> <td>Y</td> </tr> <tr> <td>08/15/22</td> <td>Prod</td> <td>FreshWater</td> <td>8.75</td> <td>7</td> <td>29</td> <td>HCP110</td> <td>0</td> <td>10346</td> <td>825</td> <td>3.6</td> <td>C</td> <td>0</td> <td>1500</td> <td>0</td> <td>Y</td> </tr> <tr> <td>08/24/22</td> <td>Liner1</td> <td>FreshWater</td> <td>6.125</td> <td>4.5</td> <td>13.5</td> <td>P110IC</td> <td>10134</td> <td>21235</td> <td>975</td> <td>1.49</td> <td>H</td> <td>0</td> <td>1500</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	08/05/22	Surf	FreshWater	17.5	13.375	54.5	J55	0	1906	1300	2.12	C	0	1500	0		08/07/22	Int1	FreshWater	12.25	9.625	40	HCL 80	0	3608	875	2.17	C	0	1500	0	Y	08/15/22	Prod	FreshWater	8.75	7	29	HCP110	0	10346	825	3.6	C	0	1500	0	Y	08/24/22	Liner1	FreshWater	6.125	4.5	13.5	P110IC	10134	21235	975	1.49	H	0	1500	0	Y
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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 NMOC guidelines ☐ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐ .																																																																																		
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08/05/2022

Spud 17 ½" hole @ 1921'. Ran 1906' of 13 ⅜" 54.5# J55 ST&C Csg. cmt w/1100 sks Class C w/2% Gypsum & 1.5% CaCl₂ & ¼#/sk Polyflake (yd @ 2.12 cuft/sk @ 12.5 PPG). Tail w/200 sks Class C Neat (yd @ 1.32 cuft/sk @ 14.8 PPG). Displaced w/288 bbls of BW. Plug down @ 11:00 P.M. 08/04/22. Circ 498 sks of cmt to the pit. At 8:30 P.M. 08/05/22, tested csg to 1500# for 30 mins, held OK. FIT to 10.5 PPG EMW. Drilled out at 12 ¼".

08/07/2022

TD'ed 12 ¼" hole @ 3624'. Ran 3608' of 9 ⅝" 40# HCL80 LT&C Csg. cmt w/675 sks Class C w/2% Gypsum, 1% CaCl₂ & ¼#/sk Poly Flake (yd @ 2.17 cuft/sk @ 12.4 PPG). Tail w/200 sks Class C Neat (yd @ 1.32 cuft/sk @ 14.8 PPG). Displaced w/274 bbls of FW. Plug down @ 10:00 A.M. 08/07/22. Circ 191 sks of cmt to the pit. At 12:00 A.M. 08/08/22, tested csg to 1500#k for 30 mins, held OK. FIT to 10.0 PPG EMW. Drilled out at 8 ¾".

8/15/2022

TD'ed 8 ¾" hole @ 10422'. Ran 10346' of 7" 29# HCIP110 BT&C Csg. cmt w/425 sks Class C w/0.4% Suspension agent, 11#/sk Strength enhancer, 22% Beads 0.4% Retarder & 0.35#/sk Poly flake (yd @ 3.6 cuft/sk @ 9.8 PPG). Tail w/400 sks Class H w/0.4% Retarder (yd @ 1.18 cuft/sk @ 15.6 PPG). Displaced w/381 bbls of OBM. Plug down @ 6:00 A.M. 08/14/22. Circ 107 sks of cmt to the pit. At 12:45 A.M. 08/15/22, tested csg to 1500# for 30 mins, held OK. FIT to 11.0 PPG EMW. Drilled out at 6 1/8".

08/24/2022

TD'ed 6 1/8" hole @ 21238' MD. Ran 4 ½" 13.5# P110IC TSH 461 Wedge Csg of 10134' (top of liner) to 21235'. Cmt w/975 sks Class H Poz w/3.0% Gel, 3.0% Gypsum, 0.35% Fluid Loss, 0.30% Suspension Agent & 0.30% Retarder (1.49 ft³/sk @ 13.5 ppg). Pump 5 bbls sugar FW. Drop dart. Displaced w/271 bbls of sugar FW. Plug down @ 11:30 A.M. 08/24/22. Bumped plug w/3300#. Set packer w/122k#. Sting out of liner hanger w/2500# on DP. Displaced csg w/320 bbls of FW w/polymer sweep. Circ 237 sks cmt off liner top. At 1:15 P.M. 08/24/22, tested liner top to 2500# for 30 mins, held OK.