

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 330626																																																																																
		WELL API NUMBER 30-015-49729																																																																																
		5. Indicate Type of Lease Private																																																																																
		6. State Oil & Gas Lease No.																																																																																
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.)		7. Lease Name or Unit Agreement Name ROCKHOUND 33 W01L FEE																																																																																
1. Type of Well: Gas		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>K</u> : <u>1590</u> feet from the <u>S</u> line and feet <u>1670</u> from the <u>W</u> line Section <u>34</u> Township <u>22S</u> Range <u>27E</u> NMPM _____ County <u>Eddy</u>																																																																																		
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3113 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: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE OF PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> Other: _____ </td> <td> SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTER CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> Other: <u>Drilling/Cement</u> <input checked="" type="checkbox"/> </td> </tr> </table>			NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE OF PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> Other: _____		SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTER CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> 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 10/26/2022 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>10/26/22</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>622</td> <td>575</td> <td>1.34</td> <td>C</td> <td>0</td> <td>1500</td> <td>0</td> <td>Y</td> </tr> <tr> <td>10/29/22</td> <td>Int1</td> <td>FreshWater</td> <td>12.25</td> <td>9.625</td> <td>40</td> <td>hcl80</td> <td>0</td> <td>2075</td> <td>650</td> <td>2.17</td> <td>C</td> <td>0</td> <td>1500</td> <td>0</td> <td>Y</td> </tr> <tr> <td>11/02/22</td> <td>Prod</td> <td>Mud</td> <td>8.75</td> <td>7</td> <td>29</td> <td>hcip11</td> <td>0</td> <td>8506</td> <td>800</td> <td>4.05</td> <td>C</td> <td>0</td> <td>1500</td> <td>0</td> <td>Y</td> </tr> <tr> <td>11/09/22</td> <td>Liner1</td> <td>FreshWater</td> <td>6.125</td> <td>4.5</td> <td>13.5</td> <td>P110IC</td> <td>8287</td> <td>14180</td> <td>450</td> <td>1.85</td> <td>H</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	10/26/22	Surf	FreshWater	17.5	13.375	54.5	j55	0	622	575	1.34	C	0	1500	0	Y	10/29/22	Int1	FreshWater	12.25	9.625	40	hcl80	0	2075	650	2.17	C	0	1500	0	Y	11/02/22	Prod	Mud	8.75	7	29	hcip11	0	8506	800	4.05	C	0	1500	0	Y	11/09/22	Liner1	FreshWater	6.125	4.5	13.5	P110IC	8287	14180	450	1.85	H	0	2500	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 <input type="checkbox"/> , a general permit <input type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/> .																																																																																		
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10/26/22

TD'ed 17 1/2" hole @ 637'. Ran 622' of 13 3/8" 54.5# J55 ST&C Csg. cmt w/575 sks Class C w/2% CaCl₂ & 1/4#/sk Poly flake (yd @ 1.34 cuft/sk @ 14.8 PPG). Displaced w/90 bbls of BW. Plug down @ 1:30 A.M. 10/27/22. Circ 259 sks of cmt to the cellar. **At 3:30 A.M. 10/28/22, tested csg to 1500# for 30 mins, held OK. FIT to 10.5 PPG EMW Drilled out at 12 1/4".**

10/29/22

TD'ed 12 1/4" hole @ 2500'. Ran 2075' of 9 5/8" 40# HCL80 LT&C Csg. cmt w/450 sks 35:65 Poz Class C w/5% Salt, 5% Enhancer, 4% Gel, 1% Extender, 3#/sk Kolseal, 0.4#/sk Defoamer & 1/8#/sk Cellophane (yd @ 2.17 cuft/sk @ 12.5 PPG). Tail w/200 sks of Class C Neat (yd @ 1.32 cuft/sk @ 14.8 PPG). Displaced w/154 bbls of FW. Plug down @ 1:45 P.M. 10/29/22. Circ 182 sks of cmt to the pit. **At 12:30 A.M. 10/30/22, tested csg to 1500# for 30 mins, held OK. FIT to 10.0 PPG EMW. Drilled out at 8 3/4".**

11/02/22

TD'ed 8 3/4" hole @ 8587'. Ran 8506' of 7" 29# HCIP110 BT&C Csg. cmt w/400 sks 35:65 Poz Class C w/25% Potter beads, 15% Enhancer, 6% Gel, 1% Retarder, 0.5% Extender, 1/8#/sk Cellophane & 0.5#/sk Defoamer (yd @ 4.05 cuft/sk @ 10.0 PPG). Tail w/400 sks Class H w/0.5% Fluid loss & 0.3% Retarder (yd @ 1.18 cuft/sk @ 15.6 PPG). Displaced w/313 bbls of OBM. Plug down @ 10:30 A.M. 11/03/22. Circ 198 sks of cmt to the pit. **At 11:30 P.M. 11/03/22, tested csg to 1500# for 30 mins, held OK. FIT to 12.5 PPG EMW. Drilled out at 6 1/8".**

11/09/22

TD'ed 6 1/8" hole @ 14180' MD. Ran 4 1/2" 13.5# P110IC TSH Wedge 461 Csg of 8287' (top of liner) to 14180'. cmt w/450 sks 35:65 Poz H w/10% Enhancer, 4% Gel, 0.6% Retarder, 0.5% Fluid loss & 10#/sk Obsidian pumice (1.85 ft³/sk @ 13.5 ppg). Pumped 5 bbls of sugar FW. Drop dart. Displaced w/173 bbls of sugar BW (calculated volume). Lift pressure 2200# @ 3 BPM. Plug down 1:00 P.M. 11/10/22. Did not bump plug. Set packer w/50k#. Sting out of hanger w/1800# on DP. Displaced csg w/267 bbls of BW w/polymer sweep. Circ 134 sks cmt off liner top. **At 2:30 P.M. 11/10/22, tested liner top to 2500# for 30 mins, held OK. Rig released to walk @ 3:00 P.M. 11/11/22.**

Rockhound 33 WOIL fee #1/H

