

Santa Fe Main Office Phone: (505) 476-3441  General Information Phone: (505) 629-6116  Online Phone Directory <a href="https://www.emnrd.nm.gov/ocd/contact-us">https://www.emnrd.nm.gov/ocd/contact-us</a>	<b>State of New Mexico</b> <b>Energy, Minerals and Natural Resources</b> <b>Oil Conservation Division</b> <b>1220 S. St Francis Dr.</b> <b>Santa Fe, NM 87505</b>	Form C-103 August 1, 2011  Permit 347881																																																																																
		WELL API NUMBER 30-015-49993																																																																																
		5. Indicate Type of Lease State																																																																																
		6. State Oil & Gas Lease No.																																																																																
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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 RIO GRANDE 2 1 STATE COM																																																																																
1. Type of Well: Oil		8. Well Number 528H																																																																																
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>M</u> : <u>740</u> feet from the <u>S</u> line and feet <u>220</u> from the <u>W</u> line Section <u>2</u> Township <u>19S</u> Range <u>28E</u> NMPM _____ County <u>Eddy</u>																																																																																		
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3470 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 7/12/2023 Spudded well.																																																																																		
<b>Casing and Cement Program</b> <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>07/12/23</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>330</td> <td>350</td> <td>1.34</td> <td>C</td> <td>0</td> <td>1500</td> <td>0</td> <td>Y</td> </tr> <tr> <td>07/13/23</td> <td>Int1</td> <td>FreshWater</td> <td>12.25</td> <td>9.625</td> <td>36</td> <td>J55</td> <td>0</td> <td>940</td> <td>400</td> <td>1.34</td> <td>C</td> <td>0</td> <td>1500</td> <td>0</td> <td>Y</td> </tr> <tr> <td>07/17/23</td> <td>Prod</td> <td>Mud</td> <td>8.75</td> <td>7</td> <td>29</td> <td>HCP110</td> <td>0</td> <td>6845</td> <td>750</td> <td>3.1</td> <td>PVL</td> <td>0</td> <td>1500</td> <td>0</td> <td>Y</td> </tr> <tr> <td>07/25/23</td> <td>Liner1</td> <td>FreshWater</td> <td>6.125</td> <td>4.5</td> <td>13.5</td> <td>ICP110</td> <td>6617</td> <td>17472</td> <td>950</td> <td>1.48</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	07/12/23	Surf	FreshWater	17.5	13.375	54.5	J55	0	330	350	1.34	C	0	1500	0	Y	07/13/23	Int1	FreshWater	12.25	9.625	36	J55	0	940	400	1.34	C	0	1500	0	Y	07/17/23	Prod	Mud	8.75	7	29	HCP110	0	6845	750	3.1	PVL	0	1500	0	Y	07/25/23	Liner1	FreshWater	6.125	4.5	13.5	ICP110	6617	17472	950	1.48	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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07/12/2023: Spud 17 1/2" hole. Ran 330' of 13 3/8" 54.5# J55 ST&C csg. Cmt w/350 sks Class C w/2% CaCl2 (yd @ 1.34 cuft/sk @ 14.8 PPG). Displaced w/ 44 bbls of FW. Plug down @ 5:45 P.M. 07/12/23. Circ 84 sks of cmt to the cellar. (Notified Gilbert Cordero w/NMOCD but did not witness.) AT 7:45 A.M. 07/13/23, tested csg to 1500# for 30 mins, held OK. FIT to 10.5 PPG EMW.

07/13/2023: TD'ed 12 1/4" hole. Ran 940' of 9 5/8" 36# J55 LT&C Csg. Cmt w/400 sks of Class C w/2% CaCl2 (yd @ 1.34 cuft/sk @ 14.8 PPG). Displaced w/69 bbls of FW. Plug down @ 5:00 A.M. 07/14/23. Circ 21 sks of cmt to the pit. (Notified Gilbert Cordero w/NMOCD but did not witness.) At 1:00 P.M. 07/14/23, tested csg to 1500# for 30 mins, held OK. FIT to 10.5 PPG EMW.

07/17/2023: TD'ed 8 3/4" hole. Ran 6845' of 7" 29# HCP110 BT&C Csg. Cmt w/350 sks PVL w/25% Beads, 5% Silica, 6% Gel 1.6% Retarder, 0.80#/sk Defoamer, 3#/sk Kolseal, 0.50% Chemical (yd @ 3.1 cuft/sk @ 10 PPG). Tail w/w/400 sks Class H w/0.3% Retarder & 0.5% Fluid loss (yd @ 1.18 cuft/sk @ 15.6 PPG). Displaced w/251 bbls of OBM. Plug down @ 8:00 A.M. 07/18/23. Circ 90 sks of cmt to the pit. (Notified Gilbert Cordero with NMOCD but did not witness.) At 4:30 P.M. 07/18/23, tested csg to 1500# for 30 mins, held OK. FIT to 10.0 PPG EMW.

07/25/2023: TD'ed 6 1/8" hole. Ran 4 1/2" 13.5# ICP110 BT&C of 6617'-17472'. Cmt w/950 sks 50:50 Poz H w/ 5% Salt, 2% Gel, 0.6% Retarder, 0.4% Fluid loss, 0.4% Fluid loss, 0.2% Anti Settling, 10#/sk Obsidian Pumice & 0.4#/sk Defoamer (yd @ 1.48 cuft/sk 14.2 ppg). Pump 5 bbls of Sugar FW. Drop dart. Displaced w/20 bbls Sugar FW & 210 bbls of sugar BW (calculated volume). Lift pressure 2000# @ 3.5 BPM. Plug down @ 5:15 A.M. 07/27/23. Bumped plug w/2500#. Set packer w/100k#. Sting out of hanger w/1500# on DP. Displaced 7" csg w/250 bbls of BW w/polymer sweep. Circ 151 sks cmt off liner top. At 6:15 A.M. 07/27/23, tested liner to 2500# for 30 mins, held OK. (Notified Gilbert Cordero w/NMOCD but did not witness.) Rig released 07/28/2023 @ 12:00 PM.

Rio Grande 2/1 State Com #528H  
30-015-49993

*Ruby Ojeda*