

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 346259																																																																																
		WELL API NUMBER 30-015-49994																																																																																
		5. Indicate Type of Lease State																																																																																
		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 RIO GRANDE 2 1 STATE COM																																																																																
1. Type of Well: Oil		8. Well Number 616H																																																																																
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>780</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.) 3469 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 5/26/2023 Spudded well.																																																																																		
Casing and Cement Program <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <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>05/26/23</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>05/28/23</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>912</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>06/02/23</td> <td>Prod</td> <td>FreshWater</td> <td>8.75</td> <td>7</td> <td>29</td> <td>HCIP11</td> <td>0</td> <td>7900</td> <td>825</td> <td>3.1</td> <td>PVL</td> <td>0</td> <td>1500</td> <td>0</td> <td>Y</td> </tr> <tr> <td>06/15/23</td> <td>Liner1</td> <td>FreshWater</td> <td>6.125</td> <td>4.5</td> <td>13.5</td> <td>ICP110</td> <td>7690</td> <td>18610</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	05/26/23	Surf	FreshWater	17.5	13.375	54.5	J55	0	330	350	1.34	C	0	1500	0	Y	05/28/23	Int1	FreshWater	12.25	9.625	36	J55	0	912	400	1.34	C	0	1500	0	Y	06/02/23	Prod	FreshWater	8.75	7	29	HCIP11	0	7900	825	3.1	PVL	0	1500	0	Y	06/15/23	Liner1	FreshWater	6.125	4.5	13.5	ICP110	7690	18610	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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05/26/2023: Spud 17 ½" 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 BW. Plug down @ 11:30 P.M. 05/26/23. Circ 167 sks of cmt to the pit. (Notified Gilbert Cordero w/NMOCD but did not witness.) At 3:00 P.M. 05/27/23, tested csg to 1500# for 30 mins, held OK. FIT to 10.5 PPG EMW.

05/28/2023: TD'ed 12 ¼" hole. Ran 912' of 9 ⅝" 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/67 bbls of FW. Plug down @ 12:30 A.M. 05/29/23. Circ 126 sks of cmt to the pit. (Notified Gilbert Cordero w/NMOCD but did not witness.) At 9:45 A.M. 05/29/23, tested csg to 1500# for 30 mins, held OK. FIT to 10.5 PPG EMW.

06/02/2023: TD'ed 8 ¾" hole. Ran 7900' of 7" 29# HCIP110 BT&C Csg. Cmt w/425 sks PVL w/25% Potter beads, 6% Gel, 5% Silica, 1.6% Retarder, 0.5% Extender, 3#/sk Kolseal & 0.8#/sk Defoamer (yd @ 3.1 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/290 bbls of OBM. Plug down @ 12:00 A.M. 06/03/23. Circ 127 sks of cmt to the pit. (Notified Gilbert Cordero w/NMOCD, but did not witness.) At 10:00 A.M. 06/03/23, tested csg to 1500# for 30 mins, held OK. FIT to 10.0 PPG EMW.

06/15/2023: TD'ed 6 1/8" hole. Ran 4 ½" 13.5# ICP110 CDC-HTQ Csg of 7690'-18610'. Cmt w/950 sks 50:50 Poz H w/5% salt, 2% Gel, 0.4% Fluid loss, 0.6% Retarder, 0.2% Anti Settling, 0.4% Fluid loss, 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 & 222 bbls of sugar BW (calculated volume). Lift pressure 1750# @ 3.5 BPM. Plug down @ 10:00 P.M. 06/16/23. Bumped plug w/2300#. Set packer w/100k#. Sting out of hanger w/1500# on DP. Displaced 7" csg w/330 bbls of BW w/polymer sweep. Circ 151 sks cmt off liner top. At 11:15 P.M. 06/16/23, tested liner top to 2500# for 30 mins, held OK. (Notified Gilbert Cordero w/NMOCD but did not witness.) Rig released 06/17/2023 @ 12:00 PM.

Rio Grande 2/1 State Com #616H
30-015-49994

Ruby Ojeda