

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 346280																																																																																
		WELL API NUMBER 30-015-49996																																																																																
		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 618H																																																																																
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>760</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: </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 6/18/2023 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>06/18/23</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>06/29/23</td> <td>Prod</td> <td>FreshWater</td> <td>8.75</td> <td>7</td> <td>29</td> <td>HCIP11</td> <td>0</td> <td>7854</td> <td>625</td> <td>3.1</td> <td>PVL</td> <td>0</td> <td>1500</td> <td>0</td> <td>Y</td> </tr> <tr> <td>06/20/23</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>935</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>07/09/23</td> <td>Liner1</td> <td>FreshWater</td> <td>6.125</td> <td>4.5</td> <td>13.5</td> <td>ICP110</td> <td>7639</td> <td>18680</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	06/18/23	Surf	FreshWater	17.5	13.375	54.5	j55	0	330	350	1.34	C	0	1500	0	Y	06/29/23	Prod	FreshWater	8.75	7	29	HCIP11	0	7854	625	3.1	PVL	0	1500	0	Y	06/20/23	Int1	FreshWater	12.25	9.625	36	j55	0	935	400	1.34	C	0	1500	0	Y	07/09/23	Liner1	FreshWater	6.125	4.5	13.5	ICP110	7639	18680	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"/> .																																																																																		
SIGNATURE <u>Electronically Signed</u>		TITLE <u>Vice President Operations</u>																																																																																
Type or print name <u>Monty Whetstone</u>		DATE <u>7/28/2023</u>																																																																																
E-mail address <u>fking@mewbourne.com</u>		Telephone No. <u>903-561-2900</u>																																																																																
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APPROVED BY: <u>Keith Dziokonski</u>		TITLE <u>Petroleum Specialist A</u>																																																																																
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06/18/2023: Spud 17 ½" hole. Ran 330' of 13 3/8" 54.5# J55 ST&C csg. Cmt Held safety meeting. Pump 20 bbls of FW spacer. Par Five 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 @ 12:45 A.M. 06/19/23. Circ 125 sks of cmt to the pit. (Notified Gilbert Cordero w/NMOCD but did not witness.) At 10:00 A.M. 06/19/23, tested csg to 1500# for 30 mins, held OK. FIT to 10.5 PPG EMW.

06/20/2023: TD'ed 12 ¼" hole. Ran 935' of 9 5/8" 36# J55 LT&C Csg. Cmt Held safety meeting. Pumped 20 bbls of FW spacer. Par Five 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 @ 1:15 P.M. 06/20/23. Circ 125 sks of cmt to the pit. (Notified Gilbert Cordero w/NMOCD but did not witness.) At 10:45 P.M. 06/20/23, tested csg to 1500# for 30 mins, held OK. FIT to 10.5 PPG EMW.

06/29/2023: TD'ed 8 ¾" hole. Ran 7854' of 7" 29# HCIP110 BT&C Csg. Cmt Held safety meeting. Pumped 20 bbls of FW spacer. Par Five 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/200 sks Class H w/0.5% Fluid loss & 0.3% Retarder (yd @ 1.18 cuft/sk @ 15.6 PPG). Displaced w/288 bbls of OBM. Plug down @ 4:15 P.M. 06/29/23. Circ 72 sks of cmt to the pit. (Notified Gilbert Cordero w/NMOCD by email but did not witness.) At 2:15 A.M. 06/30/23, tested csg to 1500# for 30 mins, held OK. FIT to 10.0 PPG EMW.

07/09/2023: TD'ed 6 1/8" hole. Ran 4 ½" 13.5# ICP110 BT&C Csg of 7639'-18680'. 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 & 223 bbls of sugar BW. Lift pressure 2000# @ 3.2 BPM. Plug down @ 1:30 A.M. 07/11/23. Bumped plug w/2500#. Set packer w/100k#. Sting out of hanger w/2000# on DP. Displaced 7" csg w/350 bbls of BW w/polymer sweep. Circ 76 sks cmt off liner top. At 2:45 A.M. 07/11/23, tested liner to 2500# for 30 mins, held OK. (Notified Gilbert Cordero w/NMOCD but did not witness.) Rig released 07/11/2023 @ 6:00 PM.

Rio Grande 2/1 State Com #618H
30-015-49996

Ruby Ojeda