

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170 District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462	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 338058 WELL API NUMBER 30-025-50620 5. Indicate Type of Lease State 6. State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name GRAMA RIDGE 116 35 SB STATE COM																																																																																																																																																
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 203H																																																																																																																																																
2. Name of Operator MARATHON OIL PERMIAN LLC		9. OGRID Number 372098																																																																																																																																																
3. Address of Operator 990 Town & Country Blvd., Floor 11, Houston, TX 77024		10. Pool name or Wildcat																																																																																																																																																
4. Well Location Unit Letter <u>B</u> : <u>403</u> feet from the <u>N</u> line and feet <u>1565</u> from the <u>E</u> line Section <u>35</u> Township <u>21S</u> Range <u>34E</u> NMPM _____ County <u>Lea</u>																																																																																																																																																		
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3679 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 <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> 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: _____ </div> <div style="width: 48%;"> 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"/> </div> </div>																																																																																																																																																		
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. Please see attached. See Attached 3/19/2023 Spudded well.																																																																																																																																																		
Casing and Cement Program <table border="1" style="width:100%; border-collapse: collapse; font-size: small;"> <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>03/20/23</td> <td>Surf</td> <td>FreshWater</td> <td>17.5</td> <td>13.375</td> <td>54.5</td> <td>K55</td> <td>0</td> <td>1787</td> <td>860</td> <td>2.86</td> <td>C</td> <td></td> <td>1500</td> <td>30</td> <td>N</td> </tr> <tr> <td>03/20/23</td> <td>Surf</td> <td>FreshWater</td> <td>17.5</td> <td>13.375</td> <td>54.5</td> <td>K55</td> <td>1377</td> <td>1787</td> <td>280</td> <td>1.32</td> <td>C</td> <td></td> <td>1500</td> <td>30</td> <td>N</td> </tr> <tr> <td>03/23/23</td> <td>Int1</td> <td>Brine</td> <td>12.25</td> <td>9.625</td> <td>40</td> <td>P110</td> <td>1927</td> <td>5422</td> <td>510</td> <td>4.39</td> <td>C</td> <td></td> <td></td> <td></td> <td>N</td> </tr> <tr> <td>03/23/23</td> <td>Int1</td> <td>Brine</td> <td>12.25</td> <td>9.625</td> <td>40</td> <td>P110</td> <td>4298</td> <td>5422</td> <td>320</td> <td>1.33</td> <td>C</td> <td></td> <td></td> <td></td> <td>N</td> </tr> <tr> <td>03/23/23</td> <td>Int1</td> <td>Brine</td> <td>12.25</td> <td>9.625</td> <td>40</td> <td>P110</td> <td>0</td> <td>5422</td> <td>340</td> <td>4.39</td> <td>C</td> <td></td> <td></td> <td></td> <td>N</td> </tr> <tr> <td>03/23/23</td> <td>Int1</td> <td>Brine</td> <td>12.25</td> <td>9.625</td> <td>40</td> <td>P110</td> <td>1616</td> <td>5422</td> <td>100</td> <td>1.33</td> <td>C</td> <td></td> <td></td> <td></td> <td>N</td> </tr> <tr> <td>05/07/23</td> <td>Prod</td> <td>OilBasedMud</td> <td>8.75</td> <td>5.5</td> <td>23</td> <td>P110</td> <td>0</td> <td>20548</td> <td>370</td> <td>4.38</td> <td>50/50 Poz</td> <td></td> <td>13000</td> <td>0</td> <td>N</td> </tr> <tr> <td>05/07/23</td> <td>Prod</td> <td>OilBasedMud</td> <td>8.75</td> <td>5.5</td> <td>23</td> <td>P110</td> <td>7851</td> <td>20548</td> <td>1960</td> <td>1.49</td> <td>H</td> <td></td> <td>13000</td> <td>0</td> <td>N</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	03/20/23	Surf	FreshWater	17.5	13.375	54.5	K55	0	1787	860	2.86	C		1500	30	N	03/20/23	Surf	FreshWater	17.5	13.375	54.5	K55	1377	1787	280	1.32	C		1500	30	N	03/23/23	Int1	Brine	12.25	9.625	40	P110	1927	5422	510	4.39	C				N	03/23/23	Int1	Brine	12.25	9.625	40	P110	4298	5422	320	1.33	C				N	03/23/23	Int1	Brine	12.25	9.625	40	P110	0	5422	340	4.39	C				N	03/23/23	Int1	Brine	12.25	9.625	40	P110	1616	5422	100	1.33	C				N	05/07/23	Prod	OilBasedMud	8.75	5.5	23	P110	0	20548	370	4.38	50/50 Poz		13000	0	N	05/07/23	Prod	OilBasedMud	8.75	5.5	23	P110	7851	20548	1960	1.49	H		13000	0	N
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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 NMOCD guidelines <input type="checkbox"/> a general permit <input type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/>																																																																																																																																																		
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> SIGNATURE _____ Type or print name <u>Terri T Stathem</u> </div> <div style="width: 30%;"> TITLE <u>Electronically Signed</u> E-mail address <u>tstathem@marathonoil.com</u> </div> <div style="width: 30%;"> DATE <u>8/29/2023</u> Telephone No. <u>713-296-2113</u> </div> </div>																																																																																																																																																		
For State Use Only: <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> APPROVED BY: <u>Matthew Gomez</u> </div> <div style="width: 30%;"> TITLE _____ </div> <div style="width: 30%;"> DATE <u>7/22/2024 2:26:20 PM</u> </div> </div>																																																																																																																																																		

Grama Ridge 116 35 SB State Com 203H

API# 30-025-50620

3/17/2023 - Notified NMOCD on intent to spud.

3/19/2023 - Spud well. Drill 17-1/2" hole to 1781'.

3/20/2023 - Run 13-3/8", 54.5#, K55, BTC casing to 1765'. Cement casing with 860 sacks, 2.86 yield, Class C, lead cement, and 280 sacks, 1.32 yield, Class C, tail cement with 532 sacks of cement circulated to surface. Test BOP.

3/21/2023 - Pressure test surface casing to 1500 psi for 30 min, held, good test.

3/22/2023 - Drill cement, shoe track and 10' of new formation. Drill 12-1/4" hole to 5409'.

3/23/2023 - Run 9-5/8", 40#, P110, BTC casing to 5399'. DV tool set at 1963'.

3/24/2023 - Cement intermediate casing, Stage 1: 510 sacks, 4.39 yield, Class C of lead cement and 320 sacks, 1.33 yield, Class C, of tail cement with TOC calculated at 1927'. Stage 2: 340 sacks, 4.39 yield, Class C, lead cement and 100 sacks, 1.33 yield, Class C tail cement with 192 sacks of cement circulated to surface. Skid rig off.

4/21/2023 – Skid rig on. Test BOP. Test casing to 1500 psi for 5 min above DV Tool. Drill out DV Plugs. Pressure test casing across DV and packer to 1500 psi for 30 min, held, good test.

4/22/2023 – Drill cement, float equipment and start Drilling 8-1/2" vertical hole to 9763' MD.

4/26/2023 – Drill 8-1/2" curve to 10960' MD.

4/29/2023 – Drill 8-1/2" lateral to 20541' MD (TD).

5/5/2023 – Reached TD @ 20541 MD.

5/7/2023 – Run 5-1/2", 23#, P110, VAM Sprint casing to 20525' MD. Cement production casing with 370 sacks, 4.38 yield, 50/50 POZ lead cement and 1960 sacks, 1.49 yield, Class H, tail cement with 6 sacks of cement circulated to surface.

5/8/2023 – Release Rig.

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Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
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Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

COMMENTS

Action 338058

COMMENTS

Operator: MARATHON OIL PERMIAN LLC 990 Town & Country Blvd. Houston, TX 77024	OGRID: 372098
	Action Number: 338058
	Action Type: [C-103] EP Drilling / Cement

Comments

Created By	Comment	Comment Date
acovarrubias	Please note that all depths provided are in MD (Surface = 0 ft) and not in KB MD (Surface = 23')	4/11/2023
njlee	PLEASE DISREGARD PREVIOUS COMMENT.	8/29/2023
matthew.gomez	A CBL will be required for the intermediate casing string.	7/22/2024