

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 261913 <hr/> WELL API NUMBER 30-025-44688 <hr/> 5. Indicate Type of Lease P <hr/> 6. State Oil & Gas Lease No. <hr/> 7. Lease Name or Unit Agreement Name FLOWMASTER 15 WD FEE																																																																																																
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: O		8. Well Number 003H																																																																																																
2. Name of Operator MARATHON OIL PERMIAN LLC		9. OGRID Number 372098																																																																																																
3. Address of Operator 5555 San Felipe St., Houston, TX 77056		10. Pool name or Wildcat																																																																																																
4. Well Location Unit Letter <u>D</u> : <u>340</u> feet from the <u>N</u> line and feet <u>440</u> from the <u>W</u> line Section <u>15</u> Township <u>24S</u> Range <u>34E</u> NMPM _____ County <u>Lea</u>																																																																																																		
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3523 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" style="text-align: center;">NOTICE OF INTENTION TO:</td> <td colspan="2" style="text-align: center;">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. MIRU, Spud 10/23/2018. Drill 17.5" hole to 1165', run 13 5/8" csg, cement csg, NU BOP, pressure test annular (250/3500), all others (250/10000). Pressure test csg to 1500 psi for 30 min, 100 psi drop, test good. Drill 12 1/4" hole to 5330', run 9 5/8" csg, cement csg, pressure tests csg to 3000 psi for 30 min, 66 psi drop, test good. Drill 8 3/4" hole to 11699', run 7" csg, cement csg, pressure csg to 6000 psi for 30 min, 50 psi drop, test good. Drill 6 1/8" hole to 1477', At that depth hole instability was encountered. Continued in comments. 10/23/2018 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>10/24/18</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>1151</td> <td>1010</td> <td>1.72</td> <td>C</td> <td></td> <td>1400</td> <td>100</td> <td>N</td> </tr> <tr> <td>11/20/18</td> <td>Int1</td> <td>Brine</td> <td>12.25</td> <td>9.625</td> <td>40</td> <td>J55</td> <td>0</td> <td>5318</td> <td>1640</td> <td>2.32</td> <td>C</td> <td></td> <td>2944</td> <td>66</td> <td>N</td> </tr> <tr> <td>11/27/18</td> <td>Prod</td> <td>CutBrine</td> <td>8.75</td> <td>7</td> <td>29</td> <td>P110</td> <td>0</td> <td>11683</td> <td>695</td> <td>1.15</td> <td>C</td> <td></td> <td>5950</td> <td>50</td> <td>N</td> </tr> <tr> <td>12/24/18</td> <td>Liner1</td> <td>OilBasedMud</td> <td>6.125</td> <td>4.5</td> <td>15.1</td> <td>P110</td> <td>6380</td> <td>16477</td> <td>775</td> <td>1.22</td> <td>C</td> <td></td> <td>10000</td> <td>0</td> <td>N</td> </tr> <tr> <td>12/24/18</td> <td>Liner1</td> <td>OilBasedMud</td> <td>6.125</td> <td>5.5</td> <td>23</td> <td>P110</td> <td>6380</td> <td>11544</td> <td>775</td> <td>1.22</td> <td>C</td> <td></td> <td>10000</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	10/24/18	Surf	FreshWater	17.5	13.375	54.5	J55	0	1151	1010	1.72	C		1400	100	N	11/20/18	Int1	Brine	12.25	9.625	40	J55	0	5318	1640	2.32	C		2944	66	N	11/27/18	Prod	CutBrine	8.75	7	29	P110	0	11683	695	1.15	C		5950	50	N	12/24/18	Liner1	OilBasedMud	6.125	4.5	15.1	P110	6380	16477	775	1.22	C		10000	0	N	12/24/18	Liner1	OilBasedMud	6.125	5.5	23	P110	6380	11544	775	1.22	C		10000	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 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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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
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Santa Fe, NM 87505

Comments

Permit 261913

DRILLING COMMENTS

Operator: MARATHON OIL PERMIAN LLC 5555 San Felipe St. Houston, TX 77056	OGRID: 372098
	Permit Number: 261913
	Permit Type: Drilling

Comments

Created By	Comment	Comment Date
acovarrubias	Decision was made to perform an open hole sidetrack within the same formation at the base of the curve at a depth of 13,435' (Wolfcamp top @ 12,175' MD). Drill 6-1/8" sidetrack to 16,489', run 5-1/2" csg to 11544' tapered to 4-1/2" csg to a depth of 16,477'. cement csg, pressure csg to 10000 psi for 30 min, held, test good. PU equipment, RDMO 12/27/2018.	1/8/2019