

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 249227 <hr/> WELL API NUMBER 30-015-44376 <hr/> 5. Indicate Type of Lease P <hr/> 6. State Oil & Gas Lease No. <hr/> 7. Lease Name or Unit Agreement Name CYPRESS FEE 23 27 9																																																																																
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: G		8. Well Number 004H																																																																																
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>L</u> : <u>1681</u> feet from the <u>S</u> line and feet <u>573</u> from the <u>W</u> line Section <u>9</u> Township <u>23S</u> Range <u>27E</u> NMPM _____ County <u>Eddy</u>																																																																																		
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3159 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 10/13/2017. Drill 17.5" hole to 480', run 13 5/8" csg. cement casing, NU BOP, plug line and break line (250/5000). Pressure test casing to 1500 psi for 30 min, held, good test. Drill 12 1/4" hole to TD 1,990', run 9 5/8" csg. cement casing, pressure tests casing to 1500 psi for 30 min, 21 psi drop, test good. Drill 8 3/4" hole to 9,105', run 7" casing, cement, pressure test to 2,665 psi for 30 min, 60 psi drop, test good. Drill 6 1/8" hole to 13,672', run 4.5" casing, cement liner, pressure test to 3,650 psi for 30 min, 90 psi drop, test good. PU equipment, RDMO.11/7/2017 10/13/2017 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>10/13/17</td> <td>Surf</td> <td>FreshWater</td> <td>17.5</td> <td>13.375</td> <td>54.4</td> <td>J55</td> <td>26</td> <td>470</td> <td>498</td> <td>1.33</td> <td>C</td> <td></td> <td>1500</td> <td>0</td> <td>N</td> </tr> <tr> <td>10/23/17</td> <td>Int1</td> <td>Brine</td> <td>12.25</td> <td>9.625</td> <td>40</td> <td>L80</td> <td>26</td> <td>1976</td> <td>744</td> <td>1.73</td> <td>C</td> <td></td> <td>1479</td> <td>21</td> <td>N</td> </tr> <tr> <td>10/28/17</td> <td>Prod</td> <td>CutBrine</td> <td>8.75</td> <td>7</td> <td>29</td> <td>P110C</td> <td>26</td> <td>9090</td> <td>503</td> <td>2.7</td> <td>C</td> <td></td> <td>2605</td> <td>60</td> <td>N</td> </tr> <tr> <td>11/06/17</td> <td>Liner1</td> <td>OilBasedMud</td> <td>6.125</td> <td>4.5</td> <td>13.5</td> <td>P110CY</td> <td>27</td> <td>13661</td> <td>568</td> <td>1.22</td> <td>C</td> <td></td> <td>3560</td> <td>90</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	10/13/17	Surf	FreshWater	17.5	13.375	54.4	J55	26	470	498	1.33	C		1500	0	N	10/23/17	Int1	Brine	12.25	9.625	40	L80	26	1976	744	1.73	C		1479	21	N	10/28/17	Prod	CutBrine	8.75	7	29	P110C	26	9090	503	2.7	C		2605	60	N	11/06/17	Liner1	OilBasedMud	6.125	4.5	13.5	P110CY	27	13661	568	1.22	C		3560	90	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"/> .																																																																																		
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State of New Mexico
Energy, Minerals and Natural Resources
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Comments
Permit 249227

DRILLING COMMENTS

Operator: MARATHON OIL PERMIAN LLC 5555 San Felipe St. Houston, TX 77056	OGRID: 372098
	Permit Number: 249227
	Permit Type: Drilling

Comments

Created By	Comment	Comment Date
rklein	Rule 19.15.7.14 - Report of casing and cement test and casing test shall be filed within 10 days following the setting of each string of casing or liner.	3/9/2018