

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 256657																																																																																
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.)		WELL API NUMBER 30-015-45030																																																																																
1. Type of Well: G		5. Indicate Type of Lease S																																																																																
2. Name of Operator MARATHON OIL PERMIAN LLC		6. State Oil & Gas Lease No.																																																																																
3. Address of Operator 5555 San Felipe St., Houston, TX 77056		7. Lease Name or Unit Agreement Name SOUTHERN COMFORT STATE 24 28 25 WD																																																																																
4. Well Location Unit Letter <u>J</u> : <u>2424</u> feet from the <u>S</u> line and feet <u>1868</u> from the <u>E</u> line Section <u>25</u> Township <u>24S</u> Range <u>28E</u> NMPM _____ County <u>Eddy</u>		8. Well Number 012H																																																																																
11. Elevation (Show whether DR, KB, BT, GR, etc.) 2917 GR		9. OGRID Number 372098																																																																																
Pit or Below-grade Tank Application ☐ or Closure ☐																																																																																		
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 NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐ TEMPORARILY ABANDON ☐ CHANGE OF PLANS ☐ PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐ Other: _____ SUBSEQUENT REPORT OF: REMEDIAL WORK ☐ ALTER CASING ☐ COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDON ☐ CASING/CEMENT JOB ☐ Other: <u>Drilling/Cement</u> ☒																																																																																		
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 7/21/2018. Drill 17.5" hole to 460', 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, held, test good. Drill 12 1/4" hole to 2660', run 9 5/8" csg, cement csg, pressure tests csg to 2100 psi for 30 min, held, test good. Drill 8 3/4" hole to 10034', run 7" csg, cement csg, Pressure test csg to 5000 psi for 30 min, 66 psi drop, test good. Drill 6 1/8" hole to 16795', run 4 1/2" csg, cement csg, pressure test csg to 3900 psi, held, test good. PU equipment, RDMO 8/27/2018. 7/21/2018 Spudded well.																																																																																		
Casing and Cement Program <table><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><tr><td>07/21/18</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>445</td><td>531</td><td>1.33</td><td>C</td><td></td><td>1500</td><td>0</td><td>N</td></tr><tr><td>07/24/18</td><td>Int1</td><td>Brine</td><td>12.25</td><td>9.625</td><td>36</td><td>J55</td><td>0</td><td>2644</td><td>802</td><td>2.32</td><td>C</td><td></td><td>2100</td><td>0</td><td>N</td></tr><tr><td>07/31/18</td><td>Prod</td><td>CutBrine</td><td>8.75</td><td>7</td><td>29</td><td>P110</td><td>0</td><td>10024</td><td>925</td><td>3.21</td><td>C</td><td></td><td>4934</td><td>66</td><td>N</td></tr><tr><td>08/25/18</td><td>Liner1</td><td>OilBasedMud</td><td>6.125</td><td>4.5</td><td>13.5</td><td>P110HC</td><td>9626</td><td>16795</td><td>715</td><td>1.22</td><td>H</td><td></td><td>3900</td><td>0</td><td>N</td></tr></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	07/21/18	Surf	FreshWater	17.5	13.375	54.5	J55	0	445	531	1.33	C		1500	0	N	07/24/18	Int1	Brine	12.25	9.625	36	J55	0	2644	802	2.32	C		2100	0	N	07/31/18	Prod	CutBrine	8.75	7	29	P110	0	10024	925	3.21	C		4934	66	N	08/25/18	Liner1	OilBasedMud	6.125	4.5	13.5	P110HC	9626	16795	715	1.22	H		3900	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 ☐ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐ .																																																																																		
SIGNATURE _____ Electronically Signed _____ TITLE _____ Regulatory Compliance Representative _____ DATE _____ 8/28/2018 Type or print name _____ Melissa Szudera _____ E-mail address _____ mszudera@marathonoil.com _____ Telephone No. _____ 701-260-7272																																																																																		
For State Use Only: APPROVED BY: _____ Raymond Podany _____ TITLE _____ Geologist _____ DATE _____ 8/29/2018 2:47:52 PM																																																																																		

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

Comments

Permit 256657

DRILLING COMMENTS

Operator: MARATHON OIL PERMIAN LLC 5555 San Felipe St. Houston, TX 77056	OGRID: 372098
	Permit Number: 256657
	Permit Type: Drilling

Comments

Created By	Comment	Comment Date
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There are no Comments for this Permit