

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 273964 WELL API NUMBER 30-025-45998 5. Indicate Type of Lease P 6. State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name WILL KANE 15 WA 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 011H																																																																																
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>P</u> : <u>519</u> feet from the <u>S</u> line and feet <u>1299</u> from the <u>E</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.) 3508 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: Drilling/Cement <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: Drilling/Cement <input checked="" type="checkbox"/>																																																													
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: Drilling/Cement <input checked="" type="checkbox"/>																																																																																
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 6/9/2019 . Drill 17.5" hole to 1336', run 13 5/8" csg, cement csg, NU BOP, pressure test annular (250/3500), all others (250/5000). Pressure test csg to 1500 psi for 30 min, held, test good. Drill 8 3/4" hole to 11938', run 7" csg, cement csg, pressure tests csg to 5600 psi for 30 min, held, test good. Drill 6 1/8" hole to 17444', run 4 1/2" csg, cement csg., pressure test to be done during completions. PU equipment, RDMO 10/23/2019. 6/9/2019 Spudded well.																																																																																		
Casing and Cement Program <table border="1" style="width:100%; border-collapse: collapse;"> <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>06/11/19</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>1336</td> <td>1160</td> <td>1.73</td> <td>C</td> <td></td> <td>1500</td> <td>0</td> <td>N</td> </tr> <tr> <td>08/10/19</td> <td>Int1</td> <td>Brine</td> <td>8.75</td> <td>7</td> <td>29</td> <td>HC110</td> <td>8560</td> <td>11298</td> <td>1738</td> <td>2.38</td> <td>C</td> <td></td> <td>5600</td> <td>0</td> <td>N</td> </tr> <tr> <td>08/10/19</td> <td>Int1</td> <td>Brine</td> <td>8.75</td> <td>7</td> <td>29</td> <td>HC110</td> <td>46</td> <td>11298</td> <td>1190</td> <td>1.57</td> <td>C</td> <td></td> <td>5600</td> <td>0</td> <td>N</td> </tr> <tr> <td>10/20/19</td> <td>Prod</td> <td>CutBrine</td> <td>6.125</td> <td>4.5</td> <td>13.5</td> <td>P110</td> <td>11572</td> <td>17430</td> <td>620</td> <td>1.18</td> <td>H</td> <td></td> <td></td> <td></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	06/11/19	Surf	FreshWater	17.5	13.375	54.5	J55	0	1336	1160	1.73	C		1500	0	N	08/10/19	Int1	Brine	8.75	7	29	HC110	8560	11298	1738	2.38	C		5600	0	N	08/10/19	Int1	Brine	8.75	7	29	HC110	46	11298	1190	1.57	C		5600	0	N	10/20/19	Prod	CutBrine	6.125	4.5	13.5	P110	11572	17430	620	1.18	H				N
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																																																																			
06/11/19	Surf	FreshWater	17.5	13.375	54.5	J55	0	1336	1160	1.73	C		1500	0	N																																																																			
08/10/19	Int1	Brine	8.75	7	29	HC110	8560	11298	1738	2.38	C		5600	0	N																																																																			
08/10/19	Int1	Brine	8.75	7	29	HC110	46	11298	1190	1.57	C		5600	0	N																																																																			
10/20/19	Prod	CutBrine	6.125	4.5	13.5	P110	11572	17430	620	1.18	H				N																																																																			
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"/> .																																																																																		
<table style="width:100%;"> <tr> <td>SIGNATURE</td> <td><u>Electronically Signed</u></td> <td>TITLE</td> <td><u>Regulatory Compliance Representative</u></td> <td>DATE</td> <td><u>10/31/2019</u></td> </tr> <tr> <td>Type or print name</td> <td><u>Melissa Szudera</u></td> <td>E-mail address</td> <td><u>mszudera@marathonoil.com</u></td> <td>Telephone No.</td> <td><u>713-296-3179</u></td> </tr> </table>			SIGNATURE	<u>Electronically Signed</u>	TITLE	<u>Regulatory Compliance Representative</u>	DATE	<u>10/31/2019</u>	Type or print name	<u>Melissa Szudera</u>	E-mail address	<u>mszudera@marathonoil.com</u>	Telephone No.	<u>713-296-3179</u>																																																																				
SIGNATURE	<u>Electronically Signed</u>	TITLE	<u>Regulatory Compliance Representative</u>	DATE	<u>10/31/2019</u>																																																																													
Type or print name	<u>Melissa Szudera</u>	E-mail address	<u>mszudera@marathonoil.com</u>	Telephone No.	<u>713-296-3179</u>																																																																													
For State Use Only: <table style="width:100%;"> <tr> <td>APPROVED BY:</td> <td><u>Paul F Kautz</u></td> <td>TITLE</td> <td><u>Geologist</u></td> <td>DATE</td> <td><u>11/1/2019 11:30:15 AM</u></td> </tr> </table>			APPROVED BY:	<u>Paul F Kautz</u>	TITLE	<u>Geologist</u>	DATE	<u>11/1/2019 11:30:15 AM</u>																																																																										
APPROVED BY:	<u>Paul F Kautz</u>	TITLE	<u>Geologist</u>	DATE	<u>11/1/2019 11:30:15 AM</u>																																																																													

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

Comments

Permit 273964

DRILLING COMMENTS

Operator: MARATHON OIL PERMIAN LLC 5555 San Felipe St. Houston, TX 77056	OGRID: 372098
	Permit Number: 273964
	Permit Type: Drilling

Comments

Created By	Comment	Comment Date
------------	---------	--------------

There are no Comments for this Permit