

<b>District I</b> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 <b>District II</b> 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 <b>District III</b> 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170 <b>District IV</b> 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462	<b>State of New Mexico</b> <b>Energy, Minerals and Natural Resources</b> <b>Oil Conservation Division</b> <b>1220 S. St Francis Dr.</b> <b>Santa Fe, NM 87505</b>	Form C-103 August 1, 2011 Permit 250506 WELL API NUMBER 30-025-44043 5. Indicate Type of Lease S 6. State Oil & Gas Lease No.  7. Lease Name or Unit Agreement Name ABE STATE																																																																
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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 001H																																																																
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>B</u> : <u>240</u> feet from the <u>N</u> line and feet <u>1980</u> from the <u>E</u> line Section <u>32</u> Township <u>21S</u> Range <u>33E</u> NMPM County <u>Lea</u>																																																																		
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3727 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: <b>Drilling/Cement</b> <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: <b>Drilling/Cement</b> <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: <b>Drilling/Cement</b> <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 12/30/2017. Drill 17.5" hole to 1687', run 13 5/8" csg, cement casing, NU BOP, pressure test annular (250/2500), valves (250/5000). Pressure test casing to 1520 psi for 30 min., 18 psi drop, test good. Drill 12 1/4" hole to TD 5,089', run 9 5/8" csg, cement casing, pressure tests casing to 1500 psi for 30 min, 49 psi drop, test good. Drill 8 3/4" hole to 16,007', run 5 1/2" casing, cement. PU equipment, RDMO. 1/30/2018. <b>12/30/2017</b> Spudded well.																																																																		
<b>Casing and Cement Program</b> <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>12/31/17</td> <td>Surf</td> <td>FreshWater</td> <td>17.5</td> <td>13.375</td> <td>54.5</td> <td>J55</td> <td>27</td> <td>1677</td> <td>1574</td> <td>1.75</td> <td>C</td> <td></td> <td>1502</td> <td>18</td> <td>N</td> </tr> <tr> <td>01/04/18</td> <td>Int1</td> <td>Brine</td> <td>12.25</td> <td>9.625</td> <td>40</td> <td>J55</td> <td>27</td> <td>5065</td> <td>1452</td> <td>1.87</td> <td>C</td> <td></td> <td>1451</td> <td>49</td> <td>N</td> </tr> <tr> <td>01/27/18</td> <td>Prod</td> <td>CutBrine</td> <td>8.75</td> <td>5.5</td> <td>20</td> <td>P110IC</td> <td>27</td> <td>15978</td> <td>3418</td> <td>2.99</td> <td>C</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	12/31/17	Surf	FreshWater	17.5	13.375	54.5	J55	27	1677	1574	1.75	C		1502	18	N	01/04/18	Int1	Brine	12.25	9.625	40	J55	27	5065	1452	1.87	C		1451	49	N	01/27/18	Prod	CutBrine	8.75	5.5	20	P110IC	27	15978	3418	2.99	C				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																																																			
12/31/17	Surf	FreshWater	17.5	13.375	54.5	J55	27	1677	1574	1.75	C		1502	18	N																																																			
01/04/18	Int1	Brine	12.25	9.625	40	J55	27	5065	1452	1.87	C		1451	49	N																																																			
01/27/18	Prod	CutBrine	8.75	5.5	20	P110IC	27	15978	3418	2.99	C				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 NMOCD 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>4/2/2018</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>701-260-7272</u></td> </tr> </table>			SIGNATURE	<u>Electronically Signed</u>	TITLE	<u>Regulatory Compliance Representative</u>	DATE	<u>4/2/2018</u>	Type or print name	<u>Melissa Szudera</u>	E-mail address	<u>mszudera@marathonoil.com</u>	Telephone No.	<u>701-260-7272</u>																																																				
SIGNATURE	<u>Electronically Signed</u>	TITLE	<u>Regulatory Compliance Representative</u>	DATE	<u>4/2/2018</u>																																																													
Type or print name	<u>Melissa Szudera</u>	E-mail address	<u>mszudera@marathonoil.com</u>	Telephone No.	<u>701-260-7272</u>																																																													
<b>For State Use Only:</b> <table style="width:100%;"> <tr> <td>APPROVED BY:</td> <td><u>Paul Kautz</u></td> <td>TITLE</td> <td><u>Geologist</u></td> <td>DATE</td> <td><u>4/6/2018 8:47:07 AM</u></td> </tr> </table>			APPROVED BY:	<u>Paul Kautz</u>	TITLE	<u>Geologist</u>	DATE	<u>4/6/2018 8:47:07 AM</u>																																																										
APPROVED BY:	<u>Paul Kautz</u>	TITLE	<u>Geologist</u>	DATE	<u>4/6/2018 8:47:07 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 250506

**DRILLING COMMENTS**

Operator: MARATHON OIL PERMIAN LLC 5555 San Felipe St. Houston, TX 77056	OGRID: 372098
	Permit Number: 250506
	Permit Type: Drilling

**Comments**

Created By	Comment	Comment Date
acovarrubias	Pressure testing for the production casing string will be done during completion.	4/2/2018