

<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 270862 WELL API NUMBER 30-025-45839 5. Indicate Type of Lease S 6. State Oil & Gas Lease No.  7. Lease Name or Unit Agreement Name AVOGATO 31 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: M		8. Well Number 100																																																																
2. Name of Operator OXY USA INC		9. OGRID Number 16696																																																																
3. Address of Operator P.O. Box 4294, Houston, TX 77210-4294		10. Pool name or Wildcat																																																																
4. Well Location Unit Letter <u>F</u> : <u>1710</u> feet from the <u>N</u> line and feet <u>1820</u> from the <u>W</u> line Section <u>31</u> Township <u>22S</u> Range <u>33E</u> NMPM _____ County <u>Lea</u>																																																																		
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3736 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: <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"/>																																													
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"/>																																																																
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. 7/18/19 MIRU, NU BOP and test 250psi low/6600psi high. Test 13-3/8" casing to 1500psi, for 30 min, good test. RIH and drill new formation to 1250', perform FIT to EMW = 9.1ppg, good test. Drill 12-1/4" hole to 8840'. RIH & set 9-5/8" HCL-80 43.5lbs BTC casing at 8825'. Pump 80bbls MPE then cement with 1214sx (426bbls) class h with additives 12.8 ppg, 1.97 yield cement, followed by 291sx (84bbls) class h with additives 13.2ppg 1.62 yield cement. Lost returns. Perform a 2nd cement stage, pump 10bbls MPE then cement with 313sx (110bbls) class h with additives 12.8ppg 1.97 yield cement followed by 6/16/2019 Spudded well.																																																																		
<b>Casing and Cement Program</b> <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>07/30/19</td> <td>Int1</td> <td>OilBasedMud</td> <td>12.25</td> <td>9.625</td> <td>43.5</td> <td>L-80</td> <td>50</td> <td>8825</td> <td>1214</td> <td>12.8</td> <td>H</td> <td></td> <td>2100</td> <td>0</td> <td>N</td> </tr> <tr> <td>07/30/19</td> <td>Int1</td> <td>OilBasedMud</td> <td>12.25</td> <td>9.625</td> <td>43.5</td> <td>L-80</td> <td>50</td> <td>8825</td> <td>291</td> <td>13.2</td> <td>H</td> <td></td> <td>2100</td> <td>0</td> <td>N</td> </tr> <tr> <td>07/30/19</td> <td>Int1</td> <td>OilBasedMud</td> <td>12.25</td> <td>9.625</td> <td>43.5</td> <td>L-80</td> <td>50</td> <td>8825</td> <td>1875</td> <td>12.8</td> <td>H</td> <td></td> <td>2100</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	07/30/19	Int1	OilBasedMud	12.25	9.625	43.5	L-80	50	8825	1214	12.8	H		2100	0	N	07/30/19	Int1	OilBasedMud	12.25	9.625	43.5	L-80	50	8825	291	13.2	H		2100	0	N	07/30/19	Int1	OilBasedMud	12.25	9.625	43.5	L-80	50	8825	1875	12.8	H		2100	0	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																																																			
07/30/19	Int1	OilBasedMud	12.25	9.625	43.5	L-80	50	8825	1214	12.8	H		2100	0	N																																																			
07/30/19	Int1	OilBasedMud	12.25	9.625	43.5	L-80	50	8825	291	13.2	H		2100	0	N																																																			
07/30/19	Int1	OilBasedMud	12.25	9.625	43.5	L-80	50	8825	1875	12.8	H		2100	0	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>Manager Regulatory</u></td> <td>DATE</td> <td><u>8/7/2019</u></td> </tr> <tr> <td>Type or print name</td> <td><u>KELLEY MONTGOMERY</u></td> <td>E-mail address</td> <td><u>kelley_montgomery@oxy.com</u></td> <td>Telephone No.</td> <td><u>713-366-5716</u></td> </tr> </table>			SIGNATURE	<u>Electronically Signed</u>	TITLE	<u>Manager Regulatory</u>	DATE	<u>8/7/2019</u>	Type or print name	<u>KELLEY MONTGOMERY</u>	E-mail address	<u>kelley_montgomery@oxy.com</u>	Telephone No.	<u>713-366-5716</u>																																																				
SIGNATURE	<u>Electronically Signed</u>	TITLE	<u>Manager Regulatory</u>	DATE	<u>8/7/2019</u>																																																													
Type or print name	<u>KELLEY MONTGOMERY</u>	E-mail address	<u>kelley_montgomery@oxy.com</u>	Telephone No.	<u>713-366-5716</u>																																																													
<b>For State Use Only:</b> <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>8/8/2019 1:15:32 PM</u></td> </tr> </table>			APPROVED BY:	<u>Paul F Kautz</u>	TITLE	<u>Geologist</u>	DATE	<u>8/8/2019 1:15:32 PM</u>																																																										
APPROVED BY:	<u>Paul F Kautz</u>	TITLE	<u>Geologist</u>	DATE	<u>8/8/2019 1:15:32 PM</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 270862

**DRILLING COMMENTS**

Operator: OXY USA INC P.O. Box 4294 Houston, TX 77210-4294	OGRID: 16696
	Permit Number: 270862
	Permit Type: Drilling

**Comments**

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

There are no Comments for this Permit