

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-8161 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 180111 WELL API NUMBER 30-025-41139 5. Indicate Type of Lease S 6. State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name JACKSON UNIT																																																																
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 020H																																																																
2. Name of Operator MURCHISON OIL & GAS INC		9. OGRID Number 15363																																																																
3. Address of Operator Legacy Tower One, 7250 Dallas Pkwy Ste 1400, Plano, TX 75024		10. Pool name or Wildcat																																																																
4. Well Location Unit Letter O : 200 feet from the S line and feet 2290 from the E line Section 21 Township 24S Range 33E NMPM County Lea																																																																		
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3530 GR																																																																		
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 <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 ☐</td> <td>PLUG AND ABANDON ☐</td> <td>REMEDIAL WORK ☐</td> <td>ALTER CASING ☐</td> </tr> <tr> <td>TEMPORARILY ABANDON ☐</td> <td>CHANGE OF PLANS ☐</td> <td>COMMENCE DRILLING OPNS. ☐</td> <td>PLUG AND ABANDON ☐</td> </tr> <tr> <td>PULL OR ALTER CASING ☐</td> <td>MULTIPLE COMPL ☐</td> <td>CASING/CEMENT JOB ☐</td> <td></td> </tr> <tr> <td colspan="2">Other: _____</td> <td colspan="2">Other: <u>Drilling/Cement</u> ☒</td> </tr> </table>			NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:		PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTER CASING ☐	TEMPORARILY ABANDON ☐	CHANGE OF PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDON ☐	PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐		Other: _____		Other: <u>Drilling/Cement</u> ☒																																													
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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. 1/14/14 TD 8.5" hole @ 10625'. 1/15/14 Set 7" 26# P-110 csg @ 10614'. Cmt w/845 sx Class H; tail w/120 sx Class H. No cmt to surface. Test csg to 1500 psi & held 30 min; OK. WOC 17 hrs. 11/16/14 Performed FIT w/10.5 EMW, 939 psi held for 15 min; OK. 12/28/2013 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>12/29/13</td> <td>Surf</td> <td>FreshWater</td> <td>16</td> <td>13.375</td> <td>54.5</td> <td>J-55</td> <td>0</td> <td>1263</td> <td>795</td> <td></td> <td>C</td> <td></td> <td>1500</td> <td>0</td> <td></td> </tr> <tr> <td>01/04/14</td> <td>Int1</td> <td>CutBrine</td> <td>12.25</td> <td>9.625</td> <td>40</td> <td>L-80</td> <td>0</td> <td>5153</td> <td>2205</td> <td></td> <td>C</td> <td></td> <td>1500</td> <td>0</td> <td></td> </tr> <tr> <td>01/15/14</td> <td>Prod</td> <td>CutBrine</td> <td>8.5</td> <td>7</td> <td>26</td> <td>P-110</td> <td>2600</td> <td>10614</td> <td>965</td> <td></td> <td>H</td> <td></td> <td>1500</td> <td>0</td> <td></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	12/29/13	Surf	FreshWater	16	13.375	54.5	J-55	0	1263	795		C		1500	0		01/04/14	Int1	CutBrine	12.25	9.625	40	L-80	0	5153	2205		C		1500	0		01/15/14	Prod	CutBrine	8.5	7	26	P-110	2600	10614	965		H		1500	0	
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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 <u>Electronically Signed</u> TITLE <u>COO</u> DATE <u>1/22/2014</u> Type or print name <u>Michael Daugherty</u> E-mail address <u>ccottrell@jdmii.com</u> Telephone No. <u>972-931-0700</u>																																																																		
For State Use Only: APPROVED BY: <u>Paul Kautz</u> TITLE <u>Geologist</u> DATE <u>1/22/2014 3:53:08 PM</u>																																																																		

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State of New Mexico
Energy, Minerals and Natural Resources
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Comments
Permit 180111

DRILLING COMMENTS

Operator: MURCHISON OIL & GAS INC Legacy Tower One Plano, TX 75024	OGRID: 15363
	Permit Number: 180111
	Permit Type: Drilling

Comments

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