

<b>District I</b> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-8161 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 185299 WELL API NUMBER 30-025-41436 5. Indicate Type of Lease S 6. State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name BETTIS 20 STATE COM																																																																																
<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 002H																																																																																
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 <u>P</u> : <u>200</u> feet from the <u>S</u> line and feet <u>940</u> from the <u>E</u> line Section <u>20</u> Township <u>24S</u> Range <u>33E</u> NMPM _____ County <u>Lea</u>																																																																																		
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3531 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 NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE OF PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> Other: _____ SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTER CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> 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. 4/13/14 TD 8.5" hole @ 15,889'. 4/16 - 17/14 Ran 7" & 5.5" tapered csg string. 7" 26# P-110 csg set at 10549' to surface. 5.5" 17# P-110 liner from 10549' to 15882'. Cmt w/810 sx Class H; tail w/935 sx Class C. No cmt to surface. 4/18/14 Released rig at 10:30 AM. 3/16/2014 Spudded well.																																																																																		
<b>Casing and Cement Program</b> <table border="1" style="width:100%; border-collapse: collapse; font-size: small;"> <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>03/19/14</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>1275</td> <td>922</td> <td></td> <td>C</td> <td></td> <td>1500</td> <td>0</td> <td></td> </tr> <tr> <td>03/26/14</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>5078</td> <td>1390</td> <td></td> <td>C</td> <td></td> <td>1500</td> <td>0</td> <td></td> </tr> <tr> <td>04/17/14</td> <td>Prod</td> <td>CutBrine</td> <td>8.5</td> <td>7</td> <td>26</td> <td>P-110</td> <td>110</td> <td>10549</td> <td>1745</td> <td></td> <td>H &amp; C</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>04/17/14</td> <td>Liner1</td> <td>CutBrine</td> <td>8.5</td> <td>5.5</td> <td>17</td> <td>P-110</td> <td></td> <td>15882</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></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	03/19/14	Surf	FreshWater	16	13.375	54.5	J-55	0	1275	922		C		1500	0		03/26/14	Int1	CutBrine	12.25	9.625	40	L-80	0	5078	1390		C		1500	0		04/17/14	Prod	CutBrine	8.5	7	26	P-110	110	10549	1745		H & C					04/17/14	Liner1	CutBrine	8.5	5.5	17	P-110		15882							
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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 <input type="checkbox"/> a general permit <input type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/> .																																																																																		
SIGNATURE _____ TITLE _____ COO _____ DATE _____ 5/1/2014 Type or print name _____ E-mail address _____ ccottrell@jdmil.com Telephone No. _____ 972-931-0700																																																																																		
<b>For State Use Only:</b> APPROVED BY: _____ TITLE _____ Geologist _____ DATE _____ 5/2/2014 7:52:19 AM																																																																																		

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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 185299

**DRILLING COMMENTS**

Operator: MURCHISON OIL & GAS INC Legacy Tower One Plano, TX 75024	OGRID: 15363
	Permit Number: 185299
	Permit Type: Drilling

**Comments**

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