

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 189596 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 8. Well Number 002H 9. OGRID Number 15363 10. Pool name or Wildcat																																																																																																
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 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 ☐ 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> ☒																																																																													
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> ☒																																																																																																
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. 7/4/14 Milled window in 7" csg from 9914' - 9928'. 7/17/14 TD 8.125" sidetrack @ 15726'. 7/19/14 Ran 4.5" 11.6# P-110 csg from 9783' to 15715'. 7/20/14 Cmt w/480 sx Class C; circ 157 sx to surface. 7/23/14 Released rig @ 1 PM. 3/16/2014 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>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 & 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> <tr> <td>07/19/14</td> <td>Liner1</td> <td>CutBrine</td> <td>6.125</td> <td>4.5</td> <td>11.6</td> <td>P-110</td> <td>0</td> <td>15715</td> <td>480</td> <td></td> <td>C</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								07/19/14	Liner1	CutBrine	6.125	4.5	11.6	P-110	0	15715	480		C				
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																																																																																										
07/19/14	Liner1	CutBrine	6.125	4.5	11.6	P-110	0	15715	480		C																																																																																							
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>7/25/2014</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>7/25/2014 3:34:06 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 189596

DRILLING COMMENTS

Operator: MURCHISON OIL & GAS INC Legacy Tower One Plano, TX 75024	OGRID: 15363
	Permit Number: 189596
	Permit Type: Drilling

Comments

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