

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 181849 WELL API NUMBER 30-025-41530 5. Indicate Type of Lease S 6. State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name ENCORE M STATE																																																																
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 012																																																																
2. Name of Operator QUANTUM RESOURCES MANAGEMENT, LLC		9. OGRID Number 243874																																																																
3. Address of Operator 1401 McKinney St, Suite 2400, Houston, TX 77010		10. Pool name or Wildcat																																																																
4. Well Location Unit Letter <u>K</u> : <u>2264</u> feet from the <u>S</u> line and feet <u>1702</u> from the <u>W</u> line Section <u>20</u> Township <u>22S</u> Range <u>37E</u> NMPM County <u>Lea</u>																																																																		
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3387 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. 01/27/14-MIRU Lariat #14 01/29-30/14-Spud 17-1/2" hole @ 0400 hrs. Drill Surf-1198'. Run 13-3/8" csg. 01/31/14-Cement surf. csg., WOC 0800hrs. - 1000 hrs. 02/01/14 (total 28 hrs.) 02/01-04/14-Drill 11" hole 1198'-4002'. Run 8-5/8" csg. Cement csg., WOC@1600hrs. 02/07/14-Drig. cmt. @ 1900hrs (total WOC 75hrs) 02/07-09/14 Drill 7-7/8" hole 4002'-7150', ran logs. 02/10-11/14-Run & cement 5-1/2" csg @ 7150'. 02/12/14-ND BOP, set slips, install WH, jet pits, released rig @ 0500hrs. 1/29/2014 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>02/10/14</td> <td>Prod</td> <td>Mud</td> <td>7.875</td> <td>5.5</td> <td>20</td> <td>HCL80</td> <td>0</td> <td>7150</td> <td>905</td> <td>1.24</td> <td>H</td> <td></td> <td></td> <td></td> <td>Y</td> </tr> <tr> <td>02/04/14</td> <td>Int1</td> <td>Mud</td> <td>11</td> <td>8.625</td> <td>32</td> <td>J55</td> <td>0</td> <td>4002</td> <td>950</td> <td>2.45</td> <td>C</td> <td></td> <td>2750</td> <td>0</td> <td>Y</td> </tr> <tr> <td>01/31/14</td> <td>Surf</td> <td>FreshWater</td> <td>17.5</td> <td>13.375</td> <td>54.5</td> <td>J55</td> <td>0</td> <td>1198</td> <td>1090</td> <td>1.68</td> <td>C</td> <td></td> <td>1900</td> <td>0</td> <td>Y</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	02/10/14	Prod	Mud	7.875	5.5	20	HCL80	0	7150	905	1.24	H				Y	02/04/14	Int1	Mud	11	8.625	32	J55	0	4002	950	2.45	C		2750	0	Y	01/31/14	Surf	FreshWater	17.5	13.375	54.5	J55	0	1198	1090	1.68	C		1900	0	Y
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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 _____ Electronically Signed _____ TITLE _____ Regulatory Supervisor _____ DATE _____ 3/5/2014 Type or print name _____ Yolanda Perez _____ E-mail address _____ yperez@gracq.com _____ Telephone No. _____ 713-634-4696																																																																		
For State Use Only: APPROVED BY: _____ Paul Kautz _____ TITLE _____ Geologist _____ DATE _____ 3/5/2014 11:15:49 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 181849

DRILLING COMMENTS

Operator: QUANTUM RESOURCES MANAGEMENT, LLC 1401 McKinney St Houston, TX 77010	OGRID: 243874
	Permit Number: 181849
	Permit Type: Drilling

Comments

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