

Submit 1 Copy To Appropriate District Office

District I - (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II - (575) 748-1283  
811 S. First St., Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV - (505) 476-3460  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Revised August 1, 2011

HOBBS OGD  
JUL 15 2013

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO. 30-025-41061
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Encore M State
8. Well Number 010
9. OGRID Number 243874
10. Pool name or Wildcat Drinkard / Wantz; Abo
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3396' GR

**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: Oil Well  Gas Well  Other

2. Name of Operator  
Quantum Resources Management, LLC

3. Address of Operator  
1401 McKinney St., Suite #2400, Houston, TX 77010

4. Well Location  
Unit Letter M : 770 feet from the South line and 770 feet from the West line  
Section 17 Township 22-S Range 37-E NMPM County Lea

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: Completion <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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

- 06/11/13-RU Weatherford WL, tag PBTD@6800'. RIH w/CBL, log 6800'-1950', est. TOC@2420'. Perf Abo 6754-6757' (9 holes), 6748-6750' (6 holes), 6734-6738' (12 holes), 6710-6712' (6 holes)
- 06/13/13-Acid w/2000G 15% HCl NeFe acid, frac w/10,000# sd + 19,100# sd in formation (1.5 ppg max).
- 06/14/13-Perf Drinkard 6568-6648' (58 holes) & 6490-6565' (48 holes). Acid w/71 Bbls. 15% acid.
- 06/15/13-Frac Drinkard w/167,446# sd in formation, + 11,680# 100 mesh, 130,958 20/40 Ottawa white sand, SI well
- 06/18/13-Clean out casing to PBTD@6819', TIH w/prod tbg assembly
- 06/19/13-RD BOP, set TAC, NU WH
- 06/20-21/13-Swab well
- 06/22-24/13-Set 912 pumping unit, install FL, pumping to test system at battery, final report (Prod. Tbg. Assy.: 184 jts 2-7/8"/TAC/11 jts 2-7/8" tbg/SN/4' perf sub/1 jt 2-7/8" tbg w/collar & BP)

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Celeste G. Dale TITLE Sr. Regulatory Analyst DATE 07/11/13

Type or print name Celeste G. Dale E-mail address cdale@gracq.com PHONE: 432-683-1500

**For State Use Only**  
APPROVED BY: [Signature] TITLE Petroleum Engineer DATE OCT 22 2013

Conditions of Approval (if any): DAL-HOB-518

OCT 22 2013