

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(505) 393-6161 Fax:(505) 393-0720

District II

1301 W. Grand Ave., Artesia, NM 88210
Phone:(505) 748-1283 Fax:(505) 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
Permit 133083

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVIOR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NUMBER 30-025-40091
1. Type of Well: O		5. Indicate Type of Lease S
2. Name of Operator QUANTUM RESOURCES MANAGEMENT, LLC		6. State Oil & Gas Lease No.
3. Address of Operator 1401 McKinney St, Suite 2400, Houston, TX 77010		7. Lease Name or Unit Agreement Name ENCORE M STATE
4. Well Location Unit Letter <u>H</u> : <u>1962</u> feet from the <u>N</u> line and <u>603</u> feet from the <u>E</u> line Section <u>19</u> Township <u>22S</u> Range <u>37E</u> NMPM Lea County		8. Well Number 004
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3403 GR.		9. OGRID Number 243874
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 _____		10. Pool name or Wildcat

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE OF PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
Other:

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTER CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDON ☐
CASING/CEMENT JOB ☐
Other: **Drilling/Cement** ☒

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.

Surface csg set on 4/17/11

Intermediate csg set on 4/22/11

Production csg set on 4/28/11 4/16/2011 Spudded well.

Casing and Cement Program

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
	Surf		17.5	13.375	54.5	J-55	0	1165	1025						
	Int1		12.25	8.625	32	K-55	0	4030	1105						
	Prod		7.875	5.5	17	L-80	3750	6895	495						

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 Electronically Signed

TITLE Manager E&P Services

DATE 6/14/2011

Type or print name Scott Crump

E-mail address scrump@qracq.com

Telephone No. 713-452-2966

For State Use Only:

APPROVED BY: Paul Kautz

TITLE Geologist

DATE 6/15/2011 7:37:59 AM

Drilling Comments

OGRID: [243874] QUANTUM RESOURCES MANAGEMENT, LLC

Permit Number: 133083

Permit Type: Drilling

Created By	Comment	Comment Date
YOPEREZ	Would not let me attach WBD, even though, it was in tiff format.	6/14/2011