

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

Form C-103
Revised August 1, 2011

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.)		WELL API NO. 30-025-41061
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
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>M</u> : <u>770</u> feet from the <u>South</u> line and <u>770</u> feet from the <u>West</u> line Section <u>17</u> Township <u>22-S</u> Range <u>37-E</u> NMPM County <u>Lea</u>		8. Well Number <u>010</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3396' GR		9. OGRID Number 243874
		10. Pool name or Wildcat Drinkard / Wantz; Abo

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
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