

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

Form C-103
August 1, 2011

Permit 148166

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 30-025-40399
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 B : 749 feet from the N line and 1610 feet from the E line Section 19 Township 22S Range 37E NMPM Lea County		8. Well Number 007
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3143 GR		9. OGRID Number 243874
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 _____		10. Pool name or Wildcat See Area 13

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: Perforations/Tubing ☒

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.
See attached daily summary report.
See Attached

Perforations

Pool: BLINEBRY OIL AND GAS (OIL) , 6660 Location: B -19-22S-37E 749 N 1610 E

TOP	BOT	Open Hole	Shots/ft	Shot Size	Material	Stimulation	Amount
5490	5842	N	3				

Pool: DRINKARD , 19190 Location: B -19-22S-37E 749 N 1610 E

TOP	BOT	Open Hole	Shots/ft	Shot Size	Material	Stimulation	Amount
6484	6713	N	3				

Pool: WANTZ;ABO , 62700 Location: B -19-22S-37E 749 N 1610 E

TOP	BOT	Open Hole	Shots/ft	Shot Size	Material	Stimulation	Amount
6784	6828	N	3				

Tubing

BLINEBRY OIL AND GAS (OIL) , 6660

Tubing Size	Type	Depth Set	Packer Set
2.875	J-55	6799	

DRINKARD , 19190

Tubing Size	Type	Depth Set	Packer Set
2.875	J-55	6799	

WANTZ;ABO , 62700

Tubing Size	Type	Depth Set	Packer Set
2.875	J-55	6799	

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 Regulatory Supervisor DATE 5/9/2012

Type or print name Yolanda Perez E-mail address yperez@qracq.com Telephone No. 713-634-4696

For State Use Only:

APPROVED BY: Paul Kautz TITLE Geologist DATE 5/16/2012 7:30:54 AM

Encore M State Well No. 007
API No. 30-025-40399
Completion Summary Report

4/2/12

MIRU. Prep to Run 4-1/2" Bit on Tubing.

4/3/12

RIG UP. TAG PBTD. RUN GR/CCL/CBL LOGS.

4/4/12

Test Casing. Perforate Abo & Drinkard zones. RIH with Packer.

4/5/12

ACIDIZE ABO AND DRINKARD PERFS. SWAB.

4/9/12

Continue to Swab.

4/10/12

Laydown 2-7/8" Tubing and Packer.

4/11/12

NU and Test Frac Stack.

4/16/12

MIRU Frac Abo & Drinkard zones and Perf & frac Blinebry Zone.

4/17/12

MIRU J&M RIG AND REVERSE UNIT. FLOWBACK BLINEBRY WITH SUPERVISION.

4/18/12

DO CMP AND CLEAN TO 6840' (PBTD).

4/19/12

Run SpectraScan Post Frac Log. SIH with Production BHA.

4/20/12

FIH with Tbg. RIH with Pump and Rods.