

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 141249

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 30-025-40299
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>A</u> : <u>639</u> feet from the <u>N</u> line and <u>531</u> feet from the <u>E</u> line Section <u>19</u> Township <u>22S</u> Range <u>37E</u> NMPM <u>Lea</u> County		8. Well Number 005
		9. OGRID Number 243874
		10. Pool name or Wildcat See Area 13
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3411 GR		
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 _____		

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.
Perforated well and installed tubing as per attached wellbore diagram.

Also, attached is C-102 for the Wantz; Abo pool
See Attached

Perforations

Pool: BLINEBRY OIL AND GAS (OIL) , 6660 Location: A -19-22S-37E 639 N 531 E							
TOP	BOT	Open Hole	Shots/ft	Shot Size	Material	Stimulation	Amount
5461	5590		3			Acid	
 Pool: DRINKARD , 19190 Location: A -19-22S-37E 639 N 531 E							
TOP	BOT	Open Hole	Shots/ft	Shot Size	Material	Stimulation	Amount
6458	6680		1			Acid	
 Pool: WANTZ;ABO , 62700 Location: A -19-22S-37E 639 N 531 E							
TOP	BOT	Open Hole	Shots/ft	Shot Size	Material	Stimulation	Amount
6756	6788		2			Acid	

Tubing

BLINEBRY OIL AND GAS (OIL) , 6660			
Tubing Size	Type	Depth Set	Packer Set
2.875	J-55	6708	
 DRINKARD , 19190			
Tubing Size	Type	Depth Set	Packer Set
2.875	J-55	6708	
 WANTZ;ABO , 62700			
Tubing Size	Type	Depth Set	Packer Set
2.875	J-55	6708	

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 12/14/2011

Type or print name Scott Crump E-mail address scrump@qracq.com Telephone No. 713-452-2966

For State Use Only:

APPROVED BY: Paul Kantz

TITLE Geologist

DATE 12/15/2011 8:06:58 AM

ENCORE M STATE 19-5
Blinebry/Drinkard/Abo Field
Lea County, NM

API: 30-025-40299
WI: 1.000
NRI: 0.750

Actual Wellbore Configuration

KB: 3428'
GL: 3411'

20" Conductor @ 40' BGL

13-3/8" 54.5# J-55 ST&C @
1210' w/ 1040 sxs, circ 119 sxs
to sfc

8-5/8" 32# K-55 LT&C @ 4020' w/
1560 sxs, circ 674 sxs to sfc

Tubing Detail

fts	Component	Top @
171	2-7/8" 6.5# J-55 Tbg	
	TAC	5,392
37	Tbg	
	SN	6,566
	2' tbg sub	
	Cavins de-sander	
4	MA	
	Bull plug	6,708

Rod Detail

	1-1/2" x 26' PR	
	ponies	
102	1-1/4" FG rods	
56	1" Grade D rods	
37	7/8" Grade D rods	
15	1-1/2" wt. bars	
	26k shear tool	
1	1-1/2" wt. bars	
	RWBC 2.5" x 2" x 20'	

Fraced Abo/Drinkard w/ 117,197
lbs 20/40 TG prop x 56,572 lbs
Super LC

Fraced Blinebry w/ 49,457 lbs
20/40 TG prop x 32,065 lbs 20/40
Super LC prop

Perforations

Zone	Top	Btm	SPF	Holes
Blinebry	5,461	5,590	3	51
Drinkard	6,458	6,680	1	49
Abo	6,756	6,788	2	36

PBTD: 6841'
TD: 6900'

5-1/2" 17# L-80 LT&C @ 6888'
w/ 735 sxs, TOC @ 4000' (CBL)