

Submit To: Appropriate District Office  
 Two Copies  
 District I  
 1625 N. French Dr., Hobbs, NM 88240  
 District II  
 811 S. First St., Artesia, NM 88210  
 District III  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV  
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
 Energy, Minerals and Natural Resources  
 Conservation Division  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

Form C-105  
 Revised August 1, 2011

HOBBS OGD  
 DEC 13 2012  
 RECEIVED

1. WELL API NO.  
 30-025-40749  
 2. Type of Lease  
 STATE  FEE  FED/INDIAN  
 3. State Oil & Gas Lease No. B-934

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

4. Reason for filing:  
 **COMPLETION REPORT** (Fill in boxes #1 through #31 for State and Fee wells only)  
 **C-144 CLOSURE ATTACHMENT** (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)

5. Lease Name or Unit Agreement Name  
 Encore M State  
 6. Well Number: 009

7. Type of Completion:  
 NEW WELL  WORKOVER  DEEPENING  PLUGBACK  DIFFERENT RESERVOIR  OTHER

8. Name of Operator  
 Quantum Resources Management, LLC  
 9. OGRID  
 243874

10. Address of Operator  
 1401 McKinney St., Ste. 2400, Houston, TX 77010  
 11. Pool name or Wildcat  
 Blinebry Oil and Gas (Oil)/Drinkard/ Wantz; Abo

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	D	20	22S	37E		468	North	300	West	Lea
BH:	D	20	22S	37E		468	North	300	West	Lea

13. Date Spudded 10/07/12  
 14. Date T.D. Reached 10/19/12  
 15. Date Rig Released 10/25/12  
 16. Date Completed (Ready to Produce) 11/09/12  
 17. Elevations (DF and RKB, RT, GR, etc.) 3404' GR, 3421' DF  
 18. Total Measured Depth of Well 6874'  
 19. Plug Back Measured Depth 6822'  
 20. Was Directional Survey Made? No  
 21. Type Electric and Other Logs Run HD Induction/Gamma Ray  
 22. Producing Interval(s), of this completion - Top, Bottom, Name  
 5489-5612'-Blinebry; 6466-6690'-Drinkard; 6752-6800'-Abo

**23. CASING RECORD (Report all strings set in well)**

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"		40'			
13-3/8"	54.5	1169'	17-1/2"	1050sx	0
8-5/8"	32	4002'	12-1/4"	960sx	0
5-1/2"	17	6874'	7-7/8"	500sx	0

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	5467'	

26. Perforation record (interval, size, and number)	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
5489-5612' 1spf/36 holes	DEPTH INTERVAL
6466-6690' 1spf/67 holes	AMOUNT AND KIND MATERIAL USED
6752-6800' 1spf/27 holes	5489-5612' Acid w/63Bbls 15% HCl
	6466-6690' Frac w/15,000G pad, 40,000G w/131,000#20/40sd+12,000G w/30,000# 20/40sd, flush w/12 Bbls 15% HCl
	6752-6800' Acid w/2700G 15% HCl, Frac w/13,000G pad+20,000G fluid w/56,000#20/40 sd+7500G w/39,500# 20/40 sd; 5000G pad w/4000G frac fluid+3000# 100 mesh sd

**28. PRODUCTION**

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)			Well Status (Prod. or Shut-in)		
11/10/12		Flowing			Producing		
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
11/27/12	24	Full		193	300	453	1550
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
110	800		193	300	453	38	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)  
 Sold  
 30. Test Witnessed By

31. List Attachments  
 Forms (3) C-104, Well Log, Inclination Report

32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.

33. If an on-site burial was used at the well, report the exact location of the on-site burial:

Latitude Longitude NAD 1927 1983

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature *Celeste G. Dale* Printed Name Celeste G. Dale Title Sr. Regulatory Analyst Date 11/29/12

E-mail Address cdale@qracq.com

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta 5115'	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry 5460'	T. Gr. Wash	T. Dakota	
T. Tubb 6120'	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo 6690'	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

### OIL OR GAS SANDS OR ZONES

No. 1, from.....to..... No. 3, from.....to.....  
 No. 2, from.....to..... No. 4, from.....to.....

### IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....  
 No. 2, from.....to.....feet.....  
 No. 3, from.....to.....feet.....

### LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology