

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

HOBBS OCD
APR 29 2014
RECEIVED

State of New Mexico
Energy, Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-105
Revised August 1, 2011

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. WELL API NO. 30-025-41530

2. Type of Lease
 STATE FEE FED/INDIAN

3. State Oil & Gas Lease No. B-934

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: 012

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., Suite #2400, Houston, TX 77010

11. Pool name or Wildcat
Blinebry/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:	K	20	22S	37E		2264	S	1702	West	Lea
Bl:	K	20	22S	37E		2264	S	1702	West	Lea

13. Date Spudded 01/29/2014

14. Date T.D. Reached 02/09/2014

15. Date Rig Released 02/12/2014

16. Date Completed (Ready to Produce) 03/13/2014

17. Elevations (DF and RKB, RT, GR, etc.) GR3384'

18. Total Measured Depth of Well 7150'

19. Plug Back Measured Depth 7092'

20. Was Directional Survey Made? No

21. Type Electric and Other Logs Run CZDL/CNL/DSL/GR

22. Producing Interval(s), of this completion - Top, Bottom, Name
Blinebry (5808-5970')/Drinkard (6444-6624')/Abo (6672-6724')

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"		50'			
13-3/8"	54.5	1198'	17-1/2"	1090sx CI "C"	0
8-5/8"	32	4002'	11"	950sx CI "C"	0
5-1/2"	20	7150'	7-7/8"	905sx CI "H"	0

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	6868'	

26. Perforation record (interval, size, and number)	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5808-5970', 3spf, 60 holes	6672-6724	Acidize w/200 gals 15%HCL, NEFE
6444-6624', 2spf, 56 holes	6444-6624	Acidize w/500 gals 15%HCL, NEFE
6672-6724', 3spf, 39 holes		

28. PRODUCTION

Date First Production 03/27/14

Production Method (Flowing, gas lift, pumping - Size and type pump)
Pumping, 2.5X1.5"X26'SMPR, 640 American Pumping Unit

Well Status (Prod. or Shut-in)
Prod

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
03/31/14	24	OL		135	351	363	2600

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)
490	760		135	351	363	39.8

29. Disposition of Gas (Sold, used for fuel, vented, etc.)
Sold

30. Test Witnessed By

31. List Attachments
Forms C-102, C-104, Well Logs, 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:

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 **Yolanda Perez** Printed Name **Yolanda Perez** Title **Regulatory Manager** Date **04/14/2014**

E-mail Address **yperez@qracq.com**

MAY 19 2014

APR 29 2014

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION

RECEIVED

API# 30-025-41530

INCLINATION REPORT (One Copy Must Be Filed With Each Completion Report)		6. RRC District
		7. RRC Lease Number. (Oil completions only)
1. FIELD NAME (as per RRC Records or Wildcat)	2. LEASE NAME ENCORE M STATE	8. Well Number 012
3. OPERATOR QUANTUM RESOURCES MANAGEMENT, LLC.		9. RRC Identification Number (Gas completions only)
4. ADDRESS 1401 MCKINNEY STREET, SUITE 2400 HOUSTON, TX 77010		10. County Lea County, NM
5. LOCATION (Section, Block, and Survey) Sec. 20, Twn 225, R 37E, ULK		

RECORD OF INCLINATION

*11. Measured Depth (feet)	12. Course Length (Hundreds of feet)	*13. Angle of Inclination (Degrees)	14. Displacement per Hundred Feet (Sine of Angle x100)	15. Course Displacement (feet)	16. Accumulative Displacement (feet)
238	2.38	0.60	1.05	2.49	2.49
500	2.62	1.21	2.11	5.53	8.02
1198	6.98	0.92	1.61	11.21	19.23
1669	4.71	0.79	1.38	6.49	25.73
2637	9.68	1.74	3.04	29.39	55.12
3561	9.24	1.23	2.15	19.83	74.95
3952	3.91	1.35	2.36	9.21	84.17
4931	9.79	0.89	1.55	15.21	99.37
5893	9.62	1.10	1.92	18.47	117.84
6824	9.31	1.70	2.97	27.62	145.46
7115	2.91	2.01	3.51	10.21	155.67

If additional space is needed, use the reverse side of this form.

17. Is any information shown on the reverse side of this form? yes no
18. Accumulative total displacement of well bore at total depth of 7115 feet = 155.67 feet.
- *19. Inclination measurements were made in - Tubing Casing Open hole Drill Pipe
20. Distance from surface location of well to the nearest lease line..... feet.
21. Minimum distance to lease line as prescribed by field rules..... feet.
22. Was the subject well at any time intentionally deviated from the vertical in any manner whatsoever? _____

(If the answer to the above question is "yes," attach written explanation of the circumstances.)

<p>INCLINATION DATA CERTIFICATION</p> <p>I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have personal knowledge of the inclination data and facts placed on both sides of this form and that such data and facts are true, correct, and complete to the best of my knowledge. This certification covers all data as indicated by asterisks (*) by the item numbers on this form.</p> <p><u><i>Greg Dykes Sr.</i></u> Signature of Authorized Representative</p> <p>GREG DYKES SR., VP SERVICES Name of Person and Title (type or print)</p> <p>LARIAT SERVICES, INC. Name of Company</p> <p>Telephone: <u>(405) 429-5507</u> Area Code</p>	<p>OPERATOR CERTIFICATION</p> <p>I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have personal knowledge of all information presented in this report, and that all data presented on both sides of this form are true, correct, and complete to the best of my knowledge. This certification covers all data and information presented herein except inclination data as indicated by asterisks (*) by the item numbers on this form.</p> <p><u><i>Yolanda Perez</i></u> Signature of Authorized Representative</p> <p><u><i>Yolanda Perez - Regulatory Manager</i></u> Name of Person and Title (type or print)</p> <p><u><i>Quantum Resources Management, LLC</i></u> Operator</p> <p>Telephone: <u>713-634-4696</u> Area Code</p>
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Railroad Commission Use Only:

Approved By: _____ Title: _____ Date: _____

* Designates items certified by company that conducted the inclination surveys.