

NM OIL CONSERVATION

APPROVED FOR RECORD

MAR 09 2015

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

1a. Type of Well Oil Well Gas Well Dry Other

b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr.
Other _____

2. Name of Operator **CIMAREX ENERGY COMPANY** Contact: **ARICKA EASTERLING**
E-Mail: **aeasterling@cimarex.com**

3. Address **202 S. CHEYENNE, SUITE 1000** 3a. Phone No. (include area code)
TULSA, OK 74103 Ph: **918-560-7060**

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface **NESW 1650FSL 2310FWL**
At top prod interval reported below **NESW 1650FSL 2310FWL**
At total depth **NESW 1650FSL 2310FWL**

5. Lease Serial No. **NMNM7752**

6. If Indian, Allottee or Tribe Name _____

7. Unit or CA Agreement Name and No. _____

8. Lease Name and Well No. **MERAK 7 FEDERAL 3**

9. API Well No. **30-015-40609**

10. Field and Pool, or Exploratory **LOCO HILLS; GLORIETA-YESO**

11. Sec., T., R., M., or Block and Survey or Area **Sec 7 T17S R30E Mer**

12. County or Parish **EDDY** 13. State **NM**

14. Date Spudded **09/17/2013** 15. Date T.D. Reached **09/23/2013** 16. Date Completed **10/15/2013**
 D & A Ready to Prod.

17. Elevations (DF, KB, RT, GL)* **3662 GL**

18. Total Depth: MD **5016** TVD **5016** 19. Plug Back T.D.: MD **4966** TVD _____

20. Depth Bridge Plug Set: MD _____ TVD _____

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) **DSN & DLL**

22. Was well cored? No Yes (Submit analysis)
Was DST run? No Yes (Submit analysis)
Directional Survey? No Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
14.750	9.625 J55	36.0	0	336		500		0	97
7.875	5.500 L80	17.0	0	5016		850		0	178

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	4239							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
APADDOCK/BLINEBERRY	4231	4950	4231 TO 4950	0.420	72	OPEN
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
4231 TO 4950	FRAC WITH 2,390,949- GAL TOTAL FLUID & 902,249 # SAND.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
10/15/2013	10/23/2013	24	→	41.0	21.0	1594.0	36.8		FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
64/64	SI	118	→	41	21	1594	512	PGW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #242575 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

ACCEPTED FOR RECORD

FEB 27 2015

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

WD 3/10/15
Accepted for record
MHOOD

RECLAMATION
DUE 4-15-14

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

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

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				YATES	1180
				SEVEN RIVERS	1443
				GLORIETA	4224
				YESO	4288
				BLINEBERRY	4813

32. Additional remarks (include plugging procedure):
Logs will be sent to the Carlsbad field office via Fed Ex.

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7. Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #242575 Verified by the BLM Well Information System.
For CIMAREX ENERGY COMPANY, sent to the Carlsbad

Name (please print) ARICKA EASTERLING

Title REGULATORY ANALYST

Signature _____ (Electronic Submission)

Date 04/17/2014

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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