

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

ARTESIA DISTRICT  
OCD Artesia  
APR 04 2017

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
NMNM114350

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: HOPE KNAULS  
E-Mail: hknaults@cimarex.com

3. Address **202 S. CHEYENNE AVE TULSA, OK 74127** 3a. Phone No. (include area code)  
Ph: 918-585-1100

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface **Sec 33 T26S R27E Mer LOT 2**  
**290FSL 2560FEL**  
At top prod interval reported below **Sec 33 T26S R27E Mer**  
**290FSL 2560FEL**  
At total depth **Sec 28 T26S R27E Mer**  
**330FNL 2648FWL NENW**

6. If Indian, Allottee or Tribe Name \_\_\_\_\_

7. Unit or CA Agreement Name and No. \_\_\_\_\_

8. Lease Name and Well No.  
**KLEIN 33 FEDERAL COM 7H**

9. API Well No. **30-015-42180**

10. Field and Pool, or Exploratory  
**BONE SPRING**

11. Sec., T., R., M., or Block and Survey or Area **Sec 33 T26S R27E Mer**

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

14. Date Spudded **09/27/2016** 15. Date T.D. Reached **10/26/2016** 16. Date Completed  
 D & A  Ready to Prod. **01/30/2017**

17. Elevations (DF, KB, RT, GL)\*  
**3197 KB**

18. Total Depth: MD **14097** TVD **7489** 19. Plug Back T.D.: MD **14094** TVD **14097** 20. Depth Bridge Plug Set: MD **14094** TVD **14097**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
**COMPENSATED NEUTRON LOG**

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J-55	48.0		400		500			
12.250	9.625 J-55	36.0		1937		800			239
8.500	5.500 L80	17.0		14097		2775		1752	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	6875							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONESPRING	7343	14070	7343 TO 14070	0.430	690	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
7340 TO 14070	SEE FRAC FOCUS

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
01/30/2017	02/04/2017	24	→	775.0	1987.0	1020.0	40.0		GAS LIFT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
34	925	0.0	→	775	1987	1020	2564	POW	

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	
			→						

ACCEPTED FOR RECORD  
MAR 30 2017  
Winnah Negrete  
BUREAU OF LAND MANAGEMENT  
CARLSBAM FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)  
ELECTRONIC SUBMISSION #369880 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

RECLAMATION DUE: 8/4/2017

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
BELL CANYON	2052	3043	WATER	SALADO	1346
CHERRY CANYON	3043	4051	WATER	CASTILE	1874
BRUSHY CANYON	4051	5667	WATER	BELL CANYON	2052
BONE SPRING	5667	7330	WATER AND OIL	CHERRY CANYON	3043
				BRUSHY CANYON	4051
				BONE SPRING	5667

32. Additional remarks (include plugging procedure):

Cimarex Energy Co. would like to request all completion paperwork and logs confidential.

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 #369880 Verified by the BLM Well Information System.  
For CIMAREX ENERGY COMPANY, sent to the Carlsbad  
Committed to AFMSS for processing by DINAH NEGRETE on 03/29/2017 ()

Name (please print) HOPE KNAULS Title REGULATORY TECHNICIAN

Signature (Electronic Submission) Date 03/14/2017

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.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***