

NM OIL CONSERVATION

OCD APRESIA

FEB 23 2015

Form 3160-4
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

2:

5. Lease Serial No.
NMNM117116

BL: NM/20350

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
 b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
 Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
CIMAREX ENERGY COMPANY

Contact: HOPE KNAULS

E-Mail: hknaults@cimarex.com

8. Lease Name and Well No.
HORNSBY 35 FEDERAL COM 3H

3. Address 202 S. CHEYENNE AVE
TULSA, OK 74127

3a. Phone No. (include area code)
Ph: 918-585-1100

9. API Well No.
30-015-42208

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

Sec 35 T26S R27E Mer

At surface Lot 4 210FSL 1310FWL

At top prod interval reported below Sec 26 T26S R27E Mer

338FNL 849FWL

At total depth Sec 26 T26S R27E Mer

338FNL 849FWL

10. Field and Pool, or Exploratory
WC WOLFCAMP

11. Sec., T., R., M., or Block and Survey
or Area Sec 35 T26S R27E Mer

12. County or Parish
EDDY

13. State
NM

14. Date Spudded
06/05/2014

15. Date T.D. Reached
08/05/2014

16. Date Completed
☐ D & A ☒ Ready to Prod.
11/08/2014

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

18. Total Depth: MD 16881
TVD 10160

19. Plug Back T.D.: MD 16795
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
DUAL LAT; SPECTRAL GAMMA RAY DUAL SPACED NEUTRON

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
12.250	9.625 J55	36.0		2200		783			297
8.750	7.000 L80	32.0		10185		1108		1948	
17.500	13.375 J-55	48.0	0	418		452			199
6.000	4.500 P-110	13.5	9117	16881		620		620	189

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	10068	16795	10068 TO 16795	0.540	696	OPEN
B)						
C)						
D)						

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

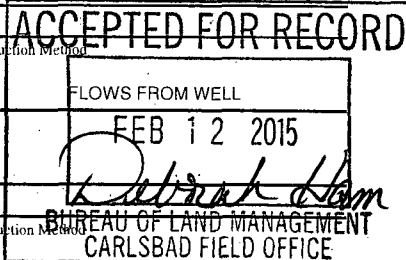
Depth Interval	Amount and Type of Material
10068 TO 16795	FRAC W/ 9170061 GALS FLUID; 8329859 # SAND

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
11/09/2014	11/29/2014	24	→	209.0	4363.0	1707.0		62.00	
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
26/64	SI	3150.0	→	209	4363	1707	20875	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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						



MD Accepted for record

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

ELECTRONIC SUBMISSION #286552 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Reclamation

Due: 5/29/15

Com Agreement needed

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	2330	3280	WATER	SALADO	1550
CHERRY CANYON	3380	4240	WATER	CASTILE	2102
BRUSHY CANYON	4970	5100	WATER	BELL CANYON	2280
BONE SPRING	7370	7800	WATER AND OIL	CHERRY CANYON	3280
BONE SPRING	8655	9000	WATER	BRUSHY CANYON	4455
WOLFCAMP	9937	10204	WATER AND GAS	BONE SPRING	5925
				WOLFCAMP	9002

32. Additional remarks (include plugging procedure):

Please hold 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 #286552 Verified by the BLM Well Information System.
For CIMAREX ENERGY COMPANY, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH HAM on 01/30/2015 ()

Name (please print) HOPE KNAULS

Title REGULATORY TECHNICIAN

Signature (Electronic Submission)

Date 12/30/2014

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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