

NMOC

Form 3160-4
(August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
ARTESIA DISTRICT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NOV 07 2017

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 OF OK
Contact: KIMBERLEIGH RHODES
Email: Kirhodes@cimarex.com

3. Address: 202 S CHEYENNE AVE SUITE 1000 TULSA, OK 74103.4346
3a. Phone No. (include area code) Ph: 918-560-7081

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface: Lot 1 290FSL 820FEL 32.000207 N Lat, 104.091722 W Lon
At top prod interval reported below: Lot 1 290FSL 820FEL 32.000207 N Lat, 104.091722 W Lon
At total depth: NENE 330FNL 584FEL

5. Lease Serial No. NMNM120350

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. HORNSBY 35 FEDERAL COM 10H

9. API Well No. 30-015-42170-00-S1

10. Field and Pool, or Exploratory HAY HOLLOW-BONE SPRING

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

12. County or Parish EDDY 13. State NM

14. Date Spudded 05/20/2017 15. Date T.D. Reached 06/05/2017 16. Date Completed D & A Ready to Prod. 07/21/2017

17. Elevations (DF, KB, RT, GL)* 3225 GL

18. Total Depth: MD 14536 TVD 7708 19. Plug Back T.D.: MD 14512 TVD 7708 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 3225 GL

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
17.500	13.375 J-55	48.0	0	410	0	C 515		0	
12.250	9.625 J-55	36.0	0	2193	0	C 900		0	
8.500	5.500 L-80	17.0	0	14536	0	H 1937		0	

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

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	7857	14497	7857 TO 14497	0.400	1280	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
7857 TO 14497	301758 BBLs TOTAL FLUID AND 16439086 # 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
07/21/2017	08/05/2017	24	→	533.0	1022.0	1591.0	49.3		FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
34/64	SI 680	0.0	→	533	1022	1591	1917	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			→						

ACCEPTED FOR RECORD
OCT 18 2017

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #390730 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **
DAVID R. GLASS
PETROLEUM ENGINEER

RECLAMATION DUE:
JAN 21 2018

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.)
CAPTURED

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	2320	3292	WATER	BELL CANYON	2320
CHERRY CANYON	3454	4291	WATER	CHERRY CANYON	3454
BRUSHY CANYON	5270	5574	WATER	BRUSHY CANYON	5270
BONE SPRING	7440	7810	OILGASWATER	BONE SPRING	7440

32. Additional remarks (include plugging procedure):

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 #390730 Verified by the BLM Well Information System.
For CIMAREX ENERGY COMPANY OF CO, sent to the Carlsbad
Committed to AFMSS for processing by DAVID GLASS on 10/18/2017 (18DRG0007SE)**

Name (please print) KIMBERLEIGH RHODES Title REGULATORY TECHNICIAN

Signature _____ (Electronic Submission) Date 10/04/2017

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.

**** REVISED ** REVISED ****