

NMOC
Artesia

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

5. Lease Serial No.
NMNM130859

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 **Sec 26 T19S R30E Mer NMP SENE 2022FNL 730FEL**
 At top prod interval reported below **Sec 26 T19S R30E Mer NMP SENE 2022FNL 730FEL**
 At total depth **Sec 28 T19S R30E Mer NMP SENE 1976FNL 991FEL**

6. If Indian, Allottee or Tribe Name _____
 7. Unit or CA Agreement Name and No. _____

8. Lease Name and Well No. **HACKBERRY 26 FEDERAL COM 2H**

9. API Well No. **30-015-43857-00-S1**

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

11. Sec., T., R., M., or Block and Survey or Area **Sec 26 T19S R30E Mer NMP**

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

14. Date Spudded **03/04/2017** 15. Date T.D. Reached **04/05/2017** 16. Date Completed D & A Ready to Prod. **07/09/2017**

17. Elevations (DF, KB, RT, GL)* **3264 GL**

18. Total Depth: MD **19222** TVD **8564 8392** 19. Plug Back T.D.: MD **19198** TVD **8564** 20. Depth Bridge Plug Set: MD **TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) **NONE** 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
26.000	20.000 J-55	94.0	0	340		890	214	0	
17.500	13.375 J-55	54.5	0	1938		1620	474	0	
12.250	9.625 L-80	40.0	0	3447	2027	1240	359	0	
8.750	5.500 P-110	20.0	0	19222		3930	1071	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)
2.875	8169							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	8065	19126	8065 TO 19126	0.430	805	OPEN - Bone Spring
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc. **NM OIL CONSERVATION**

Depth Interval	Amount and Type of Material	ARTESIA DISTRICT
8065 TO 19126	210042 BBLs TOTAL FLUID 21728587 LBS OF SAND	AUG 29 2017

RECEIVED

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
07/09/2017	07/22/2017	24	→	594.0	750.0	2181.0	38.5		ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
28/64	316 SI	157.0	→	594	750	2181	1263	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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

ACCEPTED FOR RECORD
(DAVID R. GLASS)

AUG 14 2017

(See Instructions and spaces for additional data on reverse side)
 ELECTRONIC SUBMISSION #382714 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
DAVID R. GLASS
**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED**

RECLAMATION DUE:
JAN 09 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.)
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
RUSTLER	240	550	OIL/GAS/WATER OIL/GAS/WATER	RUSTLER	240
LAMAR	5035	5090		LAMAR	5035
DELAWARE	5090	8065		DELAWARE	5090
BONE SPRING	8065	19126		BONE SPRING	8852

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 #382714 Verified by the BLM Well Information System.
For CIMAREX ENERGY COMPANY OF CO, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH HAM on 08/03/2017 (17DMH0147SE)**

Name (please print) KIMBERLEIGH RHODES Title REGULATORY TECHNICIAN

Signature _____ (Electronic Submission) Date 07/26/2017

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 ****