

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTNM OIL CONSERVATION
ARTESIA DISTRICTNM OGD
SEP 13 2017
ArtesiaFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

5. Lease Serial No.
NMNM0560353

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No. NMNM137157		
2. Name of Operator CIMAREX ENERGY COMPANY OF OK Contact: TERRI STATHEM Email: tstathem@cimarex.com			8. Lease Name and Well No. CRESCENT HALE 10 FEDERAL COM 4H		
3. Address 202 S CHEYENNE AVE SUITE 1000 TULSA, OK 74103.4346			9. API Well No. 30-015-43847-00-S1		
3a. Phone No. (include area code) Ph: 432-620-1936			10. Field and Pool, or Exploratory BENSON-BONE SPRING		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 11 T19S R30E Mer NMP At surface SWSE 1257FSL 1974FEL Sec 11 T19S R30E Mer NMP At top prod interval reported below SWSE 1257FSL 1974FEL Sec 10 T19S R30E Mer NMP At total depth SWSW 513FSL 335FWL			11. Sec., T., R., M., or Block and Survey or Area Sec 11 T19S R30E Mer NMP		
14. Date Spudded 02/09/2017			15. Date T.D. Reached 03/03/2017		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 05/02/2017			17. Elevations (DF, KB, RT, GL)* 3351 GL		
18. Total Depth: MD 16904 TVD 8528			19. Plug Back T.D.: MD 16857 TVD 8528		
20. Depth Bridge Plug Set: MD TVD			21. Type Electric & Other Mechanical Logs Run (Submit copy of each) NONE		
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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	436		C 890	214	0	
17.500	13.375 J-55	54.5	0	1897		C 1740	529	0	
12.250	9.625 L-80	40.0	0	4077	3471	C 1350	433	0	
8.500	5.500 P-110	20.0	0	16904		H 3250	921	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	8175							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	8173	16831	8173 TO 16831	0.400	652	OPEN - Bone Spring
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
8173 TO 16831	176766 BBLs TOTAL FLUID; 17252440# 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
05/02/2017	05/05/2017	24	→	355.0	356.0	1063.0	43.1		ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
20	460	120.0	→	355	356	1063	1002	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. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

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

ELECTRONIC SUBMISSION #381493 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED

DAVID R. GLASS

PETROLEUM ENGINEER

RECLAMATION DUE:
NOV 02 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
RUSTLER	380	600	BARREN	RUSTLER	380
DELAWARE SAND	4250	6075	OIL\GAS\WATER	TOP SALT	600
BONE SPRING	8173	16831	OIL\GAS\WATER	SEVEN RIVERS	2250
				DELAWARE	4250
				BONE SPRING	6075

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 #381493 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 08/02/2017 (17DMH0145SE)

Name (please print) TERRI STATHEMTitle MANAGER REGULATORY COMPLIANCE

Signature _____ (Electronic Submission)

Date 07/17/2017

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