

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONSERVATION
ARTESIA DISTRICT
MAR 20 2018
Artesia

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOGS

5. Lease Serial No.
NMNM120350

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 Contact: TERRI STATHEM
CIMAREX ENERGY COMPANY OF OK Mail: tstathem@cimarex.com

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

3. Address 202 S CHEYENNE AVE SUITE 1000
TULSA, OK 74103.4346

3a. Phone No. (include area code)
Ph: 432-620-1936

9. API Well No.
30-015-42169-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
Sec 35 T26S R27E Mer NMP
At surface Lot 2 290FSL 2030FEL 32.000207 N Lat, 104.093104 W Lon
Sec 35 T26S R27E Mer NMP
At top prod interval reported below Lot 2 290FSL 2030FEL
Sec 26 T26S R27E Mer NMP
At total depth NWNE 330FNL 1699FEL

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
07/18/2017

15. Date T.D. Reached
08/05/2017

16. Date Completed
 D & A Ready to Prod.
10/07/2017

17. Elevations (DF, KB, RT, GL)*
3240 GL

18. Total Depth: MD 14465
TVD 7635

19. Plug Back T.D.: MD 14429
TVD

20. Depth Bridge Plug Set: MD
TVD

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

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 J55	48.0	0	412		515		0	0
12.250	9.625 J55	36.0	0	2221		905		0	0
8.750	5.500 L80	17.0	0	14465		2665		0	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)
2.375	7234	7234						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	7909	14414	7909 TO 14414	0.390	1009	OPEN - Bone Spring
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
7909 TO 14414	286604 BBLs TOTAL FLUID; 15654850# 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
10/12/2017	11/05/2017	24	→	644.0	1082.0	1374.0	39.2		GAS LIFT
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	→	644	1082	1374	1680	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
10/12/2017	11/05/2017	24	→	644.0	1082.0	1374.0	39.2		GAS LIFT
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	→	644	1082	1374	1680	POW	

ACCEPTED FOR RECORD

MAR 24 2018
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #405527 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** BLM REVISED **

192918
Reclamation Due: 4/7/2018

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
DELAWARE	2265	3302	WATER	RUSTLER	0
CHERRY CANYON	3302	4240	WATER	DELAWARE	2265
BONE SPRING	5952	9000	OIL GAS WATER	CHERRY CANYON	3302
				BONE SPRING	5952

32. Additional remarks (include plugging procedure):
log submitted via overnight mail

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 #405527 Verified by the BLM Well Information System.
For CIMAREX ENERGY COMPANY OF CO, sent to the Carlsbad

Name (please print) TERRI STATHEM Title MANAGER REGULATORY COMPLIANCE

Signature _____ (Electronic Submission) Date 02/23/2018

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 ****