

UNITED STATES **NM** OIL CONSERVATION DISTRICT
DEPARTMENT OF THE INTERIOR **ARTESIA**
BUREAU OF LAND MANAGEMENT **OCD Artesia**
MAR 28 2018

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM120350

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

1a. Type of Well Oil Well Gas Well Dry Other

1b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr.
Other _____

2. Name of Operator **CIMAREX ENERGY COMPANY OF** Contact: **TERRI STATHEM**
Email: **tstatthem@cimarex.com**

3. Address **202 S CHEYENNE AVE SUITE 1000** 3a. Phone No. (include area code)
TULSA, OK 74103.4346 Ph: **432-620-1936**

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface **Lot 2 0290FSL 2050FEL 32.000207 N Lat, 104.093151 W Lon**
Sec 35 T26S R27E Mer NMP
At top prod interval reported below **Lot 2 290FSL 2050FEL**
Sec 35 T26S R27E Mer NMP
At total depth **NEWW 330FNL 2594FWL**

8. Lease Name and Well No.
HORNSBY 35 FEDERAL COM 7H

9. API Well No.
30-015-42168-00-S1

10. Field and Pool, or Exploratory
HAY HOLLOW

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 **08/10/2017** 15. Date T.D. Reached **08/24/2017** 16. Date Completed
 D & A Ready to Prod.
10/11/2017

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

18. Total Depth: MD **14411** TVD **7710** 19. Plug Back T.D.: MD **14379** TVD **14379** 20. Depth Bridge Plug Set: MD **14379** TVD **14379**

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	48.0	0	405		515		0	0
12.250	9.625 J55	36.0	0	2223		905		0	0
8.750	5.500 L80	17.0	0	14403		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	7124	7124						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	7833	14354	7833 TO 14354	0.390	1014	OPEN - Wolfcamp
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
7833 TO 14354	290639 BBLs TOTAL FLUID; 15667530# 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	11/07/2017	24	→	591.0	1012.0	1388.0	39.4		GAS LIFT
Choke Size	Tbg. Press. Flwg. Press.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
34/64	SI	0.0	→	591	1012	1388	1712	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. Press.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

ACCEPTED FOR RECORD

MAR 24 2018

[Signature]

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #405396 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Reclamation Due: 4/11/2018

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):
NO logs run

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 #405396 Verified by the BLM Well Information System.
For CIMAREX ENERGY COMPANY OF CO, sent to the Carlsbad
Committed to AFMSS for processing by DUNCAN WHITLOCK on 02/28/2018 (18DW0074SE)

Name (please print) TERRI STATHEM Title MANAGER REGULATORY COMPLIANCE

Signature _____ (Electronic Submission) Date 02/22/2018

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 ****