

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONSERVATION
ARTESIAN DISTRICT
OCT 17 2019

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM117116

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 Contact: FATIMA VASQUEZ
E-Mail: fvasquez@cimarex.com

3. Address 600 N MARIENFELD STE 600
MIDLAND, TX 79701 3a. Phone No. (include area code)
Ph: 432.620.1933

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface Sec 34 T26S R27E Mer NMP
NENE 1110FSL 270FEL 32.003054 N Lat, 104.170095 W Lon
At top prod interval reported below
Sec 34 T26S R27E Mer NMP
At total depth Lot 4 377FSL 104FWL

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
CABRERA 34 FEDERAL 1H

9. API Well No.
30-015-45436-00-S1

10. Field and Pool, or Exploratory
WC015G04S262625B-BONE SPRING

11. Sec., T., R., M., or Block and Survey
or Area Sec 34 T26S R27E Mer NMP

12. County or Parish
EDDY 13. State
NM

14. Date Spudded
01/31/2019 15. Date T.D. Reached
02/11/2019 16. Date Completed
☐ D & A ☒ Ready to Prod.
06/18/2019

17. Elevations (DF, KB, RT, GL)*
3233 GL

18. Total Depth: MD 12345
TVD 7599 19. Plug Back T.D.: MD 12342
TVD 7599 20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CNL 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	375		500		0	
12.250	9.625 J-55	36.0	0	2194		870		0	
8.750	5.500 L-80	17.0	0	12345		1597		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	7197	7197						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	5914		7447 TO 12317	0.410	700	PRODUCING
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
7447 TO 12317	253,234 TOTAL FLUIDS & 12,625,699# 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
06/18/2019	06/30/2019	24	→	537.0	967.0	1615.0	43.6		GAS LIFT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
38	239	990.0	→	537	967	1615	1801	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.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

ACCEPTED FOR RECORD
OCT 6 2019
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #471617 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Reclamation Due: 12/18/19

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
BELL CANYON	2251	3258	OIL, GAS, WATER	TOP SALT	1599
CHERRY CANYON	3258	4426	OIL, GAS, WATER	BASE OF SALT	2077
BRUSHY CANYON	4426	5914	OIL, GAS, WATER	BELL CANYON	2251
BONE SPRING	5914	6064	OIL, GAS, WATER	CHERRY CANYON	3258
BONE SPRING A ZONE	6064	6549	OIL, GAS, WATER	BRUSHY CANYON	4426
BONE SPRING C ZONE	6549	6851	OIL, GAS, WATER	BRUSHY CANYON LOWER	5696
BONE SPRING 1ST	6851	7324	OIL, GAS, WATER	BONE SPRING	5914
BONE SPRING 2ND	7324		OIL, GAS, WATER		

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 #471617 Verified by the BLM Well Information System.
For CIMAREX ENERGY COMPANY, sent to the Carlsbad
Committed to AFMSS for processing by DINAH NEGRETE on 09/28/2019 (19DCN0283SE)**

Name (please print) FATIMA VASQUEZ

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 07/01/2019

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 ****