

NM OIL CONSERVATION

ARTESIA DISTRICT

OCD Artesia
JUN 11 2015

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 **AN RECEIVED**

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

5. Lease Serial No.
NMNM106964

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
CIMAREX ENERGY COMPANY Contact: TERRI STATHEM
E-Mail: tstathem@cimarex.com

8. Lease Name and Well No.
FEDERAL 1

3. Address 202 S. CHEYENNE AVE, STE 1000
TULSA, OK 74103

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

9. API Well No.
30-015-25490

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface 2080FSL 560FEL
 At top prod interval reported below 2080FSL 560FEL
 At total depth 2080FSL 560FEL

10. Field and Pool, or Exploratory
WOLFCAMP

11. Sec., T., R., M., or Block and Survey
or Area Sec 5 T18S R31E Mer

12. County or Parish
EDDY

13. State
NM

14. Date Spudded
11/25/1985

15. Date T.D. Reached
12/31/1985

16. Date Completed
 D & A Ready to Prod.
10/22/2014

17. Elevations (DF, KB, RT, GL)*
3710 GL

18. Total Depth: MD 10206
TVD

19. Plug Back T.D.: MD 9695
TVD

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
17.500	13.375 K55	48.0	0	406		445		0	0
11.000	8.625 K55	32.0	0	4511		2400		0	0
7.875	5.500 K55	17.0	0	10206		950		4930	

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	9190	9190						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	9225	9249	9225 TO 9249		26	OPEN
B)			9775 TO 9932		48	ABANDONED - CIBP 9695 20' CM1
C)			7564 TO 7610		78	ISOLATED - PKR SET @ 9190 - PF
D)			7760 TO 8390		60	ISOLATED - PKR SET @ 9190 - PF

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

Depth Interval	Amount and Type of Material

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
10/22/2014	10/27/2014	24	→	129.0	257.0	44.0	49.5		FLOW FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI	0	130.0	→	129	257	44		POW	

ACCEPTED FOR RECORD
 MAY 29 2015
 BUREAU OF LAND MANAGEMENT
 CARLSBAD FIELD OFFICE

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	
SI			→						

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

ELECTRONIC SUBMISSION #288377 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

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. Pwng. 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. Pwng. 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.)
CAPTURED

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
				YATES SAN ANDRES 1ST BONE SPRING 2ND BONE SPRING WOLFCAMP	1952 4143 7150 7751 9054

32. Additional remarks (include plugging procedure):
SI pending battery upgrade.

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 #288377 Verified by the BLM Well Information System.
For CIMAREX ENERGY COMPANY, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH HAM on 05/15/2015 ()**

Name (please print) TERRI STATHEM Title MANAGER REGULATORY COMPLIANCE

Signature _____ (Electronic Submission) Date 01/19/2015

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.

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