

AUG 03 2012

Form 3160-4
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No 1004-0137
Expires July 31, 2010WELL COMPLETION OR RECOMPLETION REPORT **RECEIVED**5 Lease Serial No.
NMLC060850

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
CIMAREX ENERGY COMPANY

Contact TERRI STATHEM
E-Mail: tstatthem@cimarex.com

8 Lease Name and Well No.
INDEPENDENCE 8 FEDERAL COM 2H

3 Address
MIDLAND, TX 79701

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

9 API Well No
30-005-29152

4 Location of Well (Report location clearly and in accordance with Federal requirements)*
 Sec 8 T15S R31E Mer NMP
 At surface SWNE 1830FNL 2310FEL
 Sec 8 T15S R31E Mer NMP
 At top prod interval reported below SWNE 1830FNL 2310FEL
 Sec 9 T15S R31E Mer NMP
 At total depth 1971FNL 341FEL

10 Field and Pool, or Exploratory
ABO WOLFCAMP WILDCAT

11 Sec., T., R., M., or Block and Survey
or Area Sec 8 T15S R31E Mer NMP

12 County or Parish
CHAVES

13 State
NM

14 Date Spudded
02/15/2012

15 Date T.D. Reached
03/27/2012

16 Date Completed
☐ D & A ☒ Ready to Prod
07/12/2012

17 Elevations (DF, KB, RT, GL)*
4433 GL

18 Total Depth MD
TVD

15777
8800

19 Plug Back T.D. MD
TVD

15777
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 Sks. & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H40	48.0	0	362		460		0	0
6.125	4.500 P110	11.6	0	8175	15728	0		15728	0
8.750	7.000 P110	26.0	0	9031		2620		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)
2.875	8146							

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) WOLFCAMP	9275	15728	9275 TO 15728	0.500	90	OPEN - PEAK PKR SYSTEM
B)						
C)						
D)						

26. Perforation Record

27 Acid, Fracture, Treatment, Cement Squeeze, Etc

Depth Interval	Amount and Type of Material
9275 TO 15728	2,617,903 GALS TOTAL FLUID, 1,686,463# TOTAL 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
07/14/2012	07/25/2012	24	→	459.0	199.0	589.0	38.9		ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
48/64	350		→	459	199	589	433	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	
			→						

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

ELECTRONIC SUBMISSION #144298 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

KZ

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	1358
				YATES	2317
				SEVEN RIVERS	2562
				QUEEN	3105
				SAN ANDRES	3914
				GLORIETA	5212
				ABO	7171
				WOLFCAMP	8744

32. Additional remarks (include plugging procedure):
logs sent via overnight mail.

Peak Pkr System. Pkr @ 8173, 9220, 9652, 10127, 10467, 10993, 11379, 11904, 12399, 12955, 13531, 13914, 14630, 15010, 15434, POP @ 15728.

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 #144298 Verified by the BLM Well Information System.
For CIMAREX ENERGY COMPANY, sent to the Roswell

Name (please print) TERRI STATHEM

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 07/31/2012

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

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****