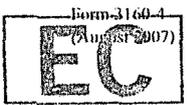


HOBBES OGD

FEB 21 2014

New Mexico Oil Conservation Division, Report 1  
1625 N. French Drive  
Hobbs, NM 88240



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 AND LOG

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

3. Address **600 NORTH MERINFELD ST, #600 MIDLAND, TX 79701** 3a. Phone No. (include area code) **15667 8800**  
Ph: **918-295-1763**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface **NWNE 510FNL 2310FEL** Sec 8 T15S R31E Mer NMP  
At top prod interval reported below **NWNE 510FNL 2310FEL** Sec 8 T15S R31E Mer NMP  
At total depth **NENE 060FNL 336EEL** Sec 9 T15S R31E Mer NMP **621/19 337E**

5. Lease Serial No. **NMLC060850**

6. If Indian, Allottee or Tribe Name \_\_\_\_\_

7. Unit or CA Agreement Name and No. \_\_\_\_\_

8. Lease Name and Well No. **INDEPENDENCE 8 FEDERAL COM 1H**

9. API Well No. **30-005-29151-00-S1**

10. Field and Pool, or Exploratory **UNDESIGNATED-ABO-WOLFCAMP**

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 **04/13/2013** 15. Date T.D. Reached **05/16/2013** 16. Date Completed  D & A  Ready to Prod. **06/20/2013**

17. Elevations (DF, KB, RT, GL)\* **4458 KB**

18. Total Depth: MD **15730** TVD **8800** 19. Plug Back T.D.: MD **15667** TVD **8800** 20. Depth Bridge Plug Set: MD **15730** TVD **8800**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) **DSN DLL**

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 J-55	54.5	0	378		400	96	0	0
12.250	9.625 J-55	40.0	0	3904		1525	486	0	0
8.750	5.500 P-110	17.0	0	15724	9004	865	348	3940	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	8203							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) ABO-WOLFCAMP	9201	15730	9201 TO 15730	0.420		OPEN HOLE PKR SYSTEM
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9201 TO 15730	2978988 GALS TOTAL FLUID; 2617893# 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
06/21/2013	07/13/2013	24	→	168.0	133.0	323.0	40.1		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	
	70	70.0	→	168	133	323	791	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 #228650 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
\*\* BLM REVISED \*\*

ACCEPTED FOR RECORD

FEB 18 2014

*N. Angel Mayes*  
Assistant Field Manager,  
Lands and Minerals

FEB 24 2014

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
QUATERNARY ABO-WOLFCAMP	0-9201	360-15730		SAN ANDRES GLORIETA TUBB ABO SHALE LOWER ABO WOLFCAMP	3810 5230 6625 7325 8715 8830

32. Additional remarks (include plugging procedure):  
IOGS SENT 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 #228650 Verified by the BLM Well Information System.  
For CIMAREX ENERGY COMPANY, sent to the Roswell  
Committed to AFMSS for processing by DAVID GLASS on 12/05/2013 (14DRG0640SE)

Name (please print) TERRI STATHEM Title REGULATORY

Signature \_\_\_\_\_ (Electronic Submission) Date 12/05/2013

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 \*\***

**Revisions to Operator-Submitted EC Data for Well Completion #228650**

	<b>Operator Submitted</b>	<b>BLM Revised (AFMSS)</b>
Lease:	NMLC060850	NMLC060850
Agreement:		
Operator:	CIMAREX ENERGY COMPANY 600 N MARIENFELD ST STE 600 MIDLAND, TX 79701 Ph: 432-620-1936	CIMAREX ENERGY COMPANY 600 NORTH MERINFELD ST, #600 MIDLAND, TX 79701 Ph: 432-620-1959
Admin Contact:	TERRI STATHEM REGULATORY E-Mail: tstathem@cimarex.com  Ph: 918-295-1763	TERRI STATHEM REGULATORY E-Mail: tstathem@cimarex.com  Ph: 918-295-1763
Tech Contact:	TERRI STATHEM REGULATORY E-Mail: tstathem@cimarex.com  Ph: 918-295-1763	TERRI STATHEM REGULATORY E-Mail: tstathem@cimarex.com  Ph: 918-295-1763
Well Name:	INDEPENDENCE 8-FEDERAL COM	INDEPENDENCE 8-FEDERAL COM
Number:	1H	1H
Location:		
State:	NM	NM
County:	CHAVES	CHAVES
S/T/R:	Sec 8 T15S R31E Mer	Sec 8 T15S R31E Mer NMP
Surf Loc:	510FNL 2310FEL	NWNE 510FNL 2310FEL
Field/Pool:	WILDCAT ABO WOLFCAMP	UNDESIGNATED-ABO-WOLFCAMP
Logs Run:	DSN DLL	DSN DLL
Producing Intervals - Formations:	ABO/WOLFCAMP	ABO-WOLFCAMP
Porous Zones:		QUATERNARY ABO-WOLFCAMP
Markers:	SAN ANDRES GLORIETTA TUBB ABO SHALE LOWER ABO WOLFCAMP	SAN ANDRES GLORIETTA TUBB ABO SHALE LOWER ABO WOLFCAMP