

# NM OIL CONSERVATION ARTESIA DISTRICT

MAR 25 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 AND LOG

RECEIVED

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other				5. Lease Serial No. NMNM114350	
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____				6. If Indian, Allottee or Tribe Name	
2. Name of Operator CIMAREX ENERGY COMPANY    Contact: ARICKA EASTERLING E-Mail: aeasterling@cimarex.com				7. Unit or CA Agreement Name and No.	
3. Address    202 S. CHEYENNE, SUITE 1000 TULSA, OK 74103			3a. Phone No. (include area code) Ph: 918-560-7060		8. Lease Name and Well No. MEDWICK 32 FEDERAL COM 12H
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface    SESE 210FSL 710FEL    Sec 32 T26S R27E Mer At top prod interval reported below    SESE 210FSL 710FEL    Sec 32 T26S R27E Mer At total depth    NENE 333FNL 710FEL    Sec 29 T26S R27E Mer				9. API Well No. 30-015-42150	
14. Date Spudded 09/14/2014		15. Date T.D. Reached 11/25/2014		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 01/23/2015	
18. Total Depth:    MD    16360 TVD    9865		19. Plug Back T.D.:    MD    16259 TVD		20. Depth Bridge Plug Set:    MD    TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) DSN & DLL				22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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 J55	48.0	0	390		452		0	199
12.250	9.625 J55	36.0	0	1910		950		0	420
8.750	7.000 L80	32.0	0	9830		1275		900	0
6.000	4.500 P110	13.5	8867	16360		600		8842	2

#### 24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

#### 25. Producing Intervals

#### 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	9639	16232	9639 TO 16232	0.540	828	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9639 TO 16232	FRAC WITH 8,892,207 TOTAL FLUID & 8,275,913 # 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
01/23/2015	02/01/2015	24	→	343.0	563.0	4088.0	59.2		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	
14	SI	2200.0	→	343	563	4088	1641	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	
	SI		→						

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

ELECTRONIC SUBMISSION #295982 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. 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	2033	3022	WATER	TOP SALT	1347
CHERRY CANYON	3022	4167	WATER	BASE SALT	1816
BONE SPRING	5631	6580	WATER, OIL, GAS	DELAWARE	1999
				BRUSHY CANYON	4158
				BRUSHY CANYON LOWER	5397
				BONE SPRING	5592
				WOLFCAMP	8663

32. Additional remarks (include plugging procedure):  
Logs sent to Carlsbad office via Fed Ex.

## 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 #295982 Verified by the BLM Well Information System.  
For CIMAREX ENERGY COMPANY, sent to the Carlsbad

Name (please print) ARICKA EASTERLINGTitle REGULATORY ANALYST

Signature \_\_\_\_\_ (Electronic Submission)

Date 03/24/2015

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.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***