

NM OIL CONSERVATION

ARTESIA DISTRICT

JUN 01 2017

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM28172

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 CO OF COLORADO** Contact: **AMITHY CRAWFORD**
 Email: **acrawford@cimarex.com**

8. Lease Name and Well No.
ADRIANNE 6 FEDERAL 1

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

3a. Phone No. (include area code)
Ph: **432.620.1909**

9. API Well No. **30-015-34319**

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface **Lot 3 200FNL 1700FWL**

At top prod interval reported below **Lot 3 200FNL 1700FWL**

At total depth **Lot 4 763FNL 863FWL**

10. Field and Pool, or Exploratory
WOLFCAMP & CISCO

11. Sec., T., R., M., or Block and Survey
or Area **Sec 6 T25S R26E Mer**

12. County or Parish **EDDY** 13. State **NM**

14. Date Spudded
01/02/2006

15. Date T.D. Reached
02/04/2006

16. Date Completed
 D & A Ready to Prod.
12/29/2016

17. Elevations (DF, KB, RT, GL)*
3454 GL

18. Total Depth: **MD 12235
TVD**

19. Plug Back T.D.: **MD 10587
TVD**

20. Depth Bridge Plug Set: **MD 10815
TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
PRODUCTION LOG

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 H40	48.0	0	215		260		0	
12.250	9.625 J55	40.0	0	1915		735		0	
8.750	5.500 P110	17.0	0	12250	7290	2040		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)
2.375	8399	8399						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	8446	10144	8446 TO 10304	0.380	227	OPEN
B) CISCO CANYON	10197	10304				
C)						
D)						

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

Depth Interval	Amount and Type of Material
8446 TO 10144	2000 GAL 15% HCL ACID, 443941 GAL FLUID AND 496782 LBS SAND
10197 TO 10304	10000 GAL 15% HCL ACID, 1847339 GAL FLUID AND 2480660 LBS 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
12/29/2016	01/17/2017	24	→	71.0	985.0	884.0	49.0		GAS LIFT

Choke Size	Tbg. Press. Fwgs.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
25	SI 840	0.0	→	71	985	884		PGW

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
12/29/2016	01/17/2017	24	→	20.0	277.0	249.0	49.0		GAS LIFT

Choke Size	Tbg. Press. Fwgs.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
25	SI 840	0.0	→	20	277	249		PGW

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

ELECTRONIC SUBMISSION #373351 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Pending BLM approvals will subsequently be reviewed and scanned

ME 6-2-17

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
				DELAWARE BONE SPRING WOLFCAMP CISCO CANYON ATOKA MORROW	1631 5238 8358 9941 10493 11069

32. Additional remarks (include plugging procedure):

11/23/2016- Ran in hole with 5 1/2" CIBP set at 10815' with 25 sacks on top. Calc TOC 10587'
 11/24/2016- Pressure test 5 1/2" casing to 8500 psi for 30 min.
 12/14/2016- Perforate Cisco Canyon formation from 10304'-10197' 34 Total shots. Acidize and Frac with 2000 gal 15% HCL acid, 443941 gal slickwater, 496782# sand
 12/15-16/2016- Perforate wolfcamp formation @ 10144'-9952'. 193 Total Shots. Acidize and frac with 10000 gal 15% HCL Acid, 1947339 gal slickwater, 2480660 # sand.
 12/20/2016- Drill out plugs and Co to PBTD at 10578'

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 #373351 Verified by the BLM Well Information System.
For CIMAREX ENERGY CO OF COLORADO, sent to the Carlsbad

Name (please print) AMITHY CRAWFORD

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 04/19/2017

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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Additional data for transaction #373351 that would not fit on the form

32. Additional remarks, continued

12/28/2016- RIH with On/Off tool overshot, 2 3/8" tubing with GLVs and set at 8399'