

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

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. NMNM28172			
b. Type of Completion <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input checked="" type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____						6. If Indian, Allottee or Tribe Name			
2. Name of Operator CIMAREX ENERGY CO OF COLORADO Contact: AMITHY CRAWFORD Email: acrawford@cimarex.com						7. Unit or CA Agreement Name and No.			
3. Address 202 S. CHEYENNE AVE STE 1000 TULSA, OK 74103				3a. Phone No. (include area code) Ph: 432.620.1909		8. Lease Name and Well No. ADRIANNE 6 FEDERAL 1			
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						9. API Well No. 30-015-34319			
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 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 12/29/2016		17. Elevations (DF, KB, RT, GL)* 3454 GL			
18. Total Depth: MD TVD 12235		19. Plug Back T.D.: MD TVD 10587		20. Depth Bridge Plug Set: MD TVD 10815					
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) PRODUCTION LOG						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 checked="" type="checkbox"/> No <input 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 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. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
25	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. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
25	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 CRAWFORDTitle REGULATORY ANALYSTSignature (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'