

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**NM OIL CONSERVATION**  
ARTESIA DISTRICT  
Artesia  
AUG 09 2017

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

**WELL COMPLETION OR RECOMPLETION REPORT AND RECEIVED**

5. Lease Serial No.  
NMNM41645

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.  
SCR330

2. Name of Operator Contact: AMITHY E CRAWFORD  
CIMAREX ENERGY COMPANY OF OK Email: acrawford@cimarex.com

8. Lease Name and Well No.  
FEDERAL 13 COM 4

3. Address 202 S CHEYENNE AVE SUITE 1000  
TULSA, OK 74103.4346

3a. Phone No. (include area code)  
Ph: 432-620-1909

9. API Well No.  
30-015-34199-00-C1

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface SWNE 1620FNL 1400FEL  
At top prod interval reported below SWNE 1620FNL 1400FEL  
At total depth SWNE 1620FNL 1400FEL

10. Field and Pool, or Exploratory  
WHITE CITY-PENN (GAS)

11. Sec., T., R., M., or Block and Survey  
or Area Sec 13 T25S R26E Mer NMP

12. County or Parish  
EDDY

13. State  
NM

14. Date Spudded  
10/20/2005

15. Date T.D. Reached  
11/07/2005

16. Date Completed  
 D & A  Ready to Prod.  
01/19/2017

17. Elevations (DF, KB, RT, GL)\*  
3240 GL

18. Total Depth: MD 12373  
TVD 12373

19. Plug Back T.D.: MD 10865  
TVD 10865

20. Depth Bridge Plug Set: MD 11162  
TVD 11162

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

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 H-40	48.0	0	209		230		0	
12.250	9.625 J-55	40.0	0	3000		940		0	
8.750	5.500 P-110	17.0	0	12373		2185		1700	

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	8598	8598						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) CISCO-CANYON	10143	10351	8646 TO 10088	0.380	203	OPEN - Wolfcamp
B)			10143 TO 10351		37	OPEN - Cisco Canyon
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
8646 TO 10351	10000 GAL 15%HCL ACID, 2579905 GAL FLUID AND 3074745 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
01/19/2017	03/14/2017	24	→	16.0	398.0	198.0	47.6		GAS LIFT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
36	SI 650	50.0	→	16	398	198		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
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

**ACCEPTED FOR RECORD**  
**(ORIG. FILED) DAVID R. GLASS**  
AUG 01 2017

(See Instructions and spaces for additional data on reverse side)  
ELECTRONIC SUBMISSION #373159 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
DAVID R. GLASS  
PETROLEUM ENGINEER

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED

*[Handwritten signature]*

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	0	225		DELAWARE	1948
SALADO	225	800		BONE SPRING	5413
DELAWARE	1948	5413		WOLFCAMP	8571
WOLFCAMP	8646	10088	OIL/GAS/WATER	CISCO-CANYON	10122
CISCO-CANYON	10143	10351	OIL/GAS/WATER	STRAWN	10355
MORROW	11158	12273		ATOKA	10525
				MORROW	11158

32. Additional remarks (include plugging procedure):

11/17/2016- Set CIPB @ 11443' mix and pump 45' on top of CIPB.  
 11/18/2016- Ran in hole with 5 1/2" CIPB set at 11162' with 25 sacks on top.  
 12/16/2016 Pressure test casing to 8500 psi. Chart for 30 min. Saw 250 psi drop after 30 min from 8500psi to 8250 psi. Good Test.  
 12/23/2016- Perforate Shoot Cisco Canyon perms from 10143'-10351' 37 Total shots. Acidize and Frac Stage 1 with 2000 gal 15% HCL acid, 471157 gal slickwater, and 551019 # sand. Set composite Frac Plug (CFP) at 10128' test to 4900 psi. Good Test.  
 12/29-30/2016- Perforate wolfcamp perms @ 10086'-9894'. 203 Total Shots. Acidize and frac

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 #373159 Verified by the BLM Well Information System.  
 For CIMAREX ENERGY COMPANY OF CO, sent to the Carlsbad  
 Committed to AFMSS for processing by DEBORAH HAM on 08/01/2017 (17DMH0144SE)**

Name (please print) AMITHY E. CRAWFORD Title REGULATORY ANALYST

Signature \_\_\_\_\_ (Electronic Submission) Date 04/18/2017

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.

**\*\* REVISED \*\* REVISED \*\***