

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

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. NMNM41645	
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 COMPANY OF OK		7. Unit or CA Agreement Name and No. SCR330	
Contact: AMITHY E CRAWFORD 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		9. API Well No. 30-015-34199-00-C1	
3a. Phone No. (include area code) Ph: 432-620-1909		10. Field and Pool, or Exploratory WHITE CITY-PENN (GAS)	
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		11. Sec., T., R., M., or Block and Survey or Area Sec 13 T25S R26E Mer NMP	
14. Date Spudded 10/20/2005		15. Date T.D. Reached 11/07/2005	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> 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? <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 Skis: & 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)						

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. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
36	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. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

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

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED

DAVID R. GLASS

PETROLEUM ENGINEER

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" CIBP 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 perfs 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 perfs @ 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. CRAWFORDTitle 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 ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****