

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD - Artesia

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other

b. Type of Completion ☐ New Well ☐ Work Over ☐ Deepen ☒ Plug Back ☐ Diff. Resvr.

2. Name of Operator **CIMAREX ENERGY COMPANY OF** Contact: **NATALIE E KRUEGER**  
Email: **nkrueger@cimarex.com**

3. Address **600 NORTH MARIENFELD STREET SUITE 600** 3a. Phone No. (include area code)  
**MIDLAND, TX 79701** Ph: **432-620-1936**

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

At surface **SENW 2303FNL 1427FWL**

At top prod interval reported below **SENW 2303FNL 1427FWL**

At total depth **SENW 2303FNL 1427FWL**

5. Lease Serial No.  
**NMNM97874**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.  
**CONOCO 22 FEDERAL COM 1**

9. API Well No.  
**30-015-31457-00-S1**

10. Field and Pool, or Exploratory  
**BEAR DRAW; Out 50-9A K2**

11. Sec., T., R., M., or Block and Survey  
or Area **Sec 22 T16S R29E Mer NMP**

12. County or Parish  
**EDDY**

13. State  
**NM**

14. Date Spudded  
**01/10/2001**

15. Date T.D. Reached  
**01/13/2008**

16. Date Completed  
☒ D & A ☐ Ready to Prod.  
**05/05/2011**

17. Elevations (DF, KB, RT, GL)\*  
**3667 GL**

18. Total Depth: **MD 10640**  
**TVD 7232**

19. Plug Back T.D.: **MD 2665**  
**TVD**

20. Depth Bridge Plug Set: **MD 2700**  
**TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
**MA LOGSRUNONINITIA**

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 Sks & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
14.750	11.750 H-40	42.0	0	432		775		0	
11.000	8.625 J-55	32.0	0	2690		750		0	
7.875	5.500 N-80	17.0	0	7503		1075		1250	
4.750	3.500 P-110	6.5	6875	10359		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)
2.875	6817							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Q;GB;SA	2576	6063	2470 TO 2640	0.410	40	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
2470 TO 2640	1500 GAL 15% HCL, 21342 GAL 25# XL BORATE & 26909# 16/30 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
A	03/24/2008	24	→	11.0	2.0	3.0	41.5	
Choke Size	Tbg. Press Flwg SI	Csg. Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status
20/64	SI 250	60.0	→	11	2	3	182	OSI

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 #112934 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

FOR RECORD ONLY

## 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
ABO	7190	7267		QUEEN SAN ANDRES ABO WOLFCAMP	1710 2576 6063 7379

## 32. Additional remarks (include plugging procedure).

CIBP @ 7050. 140 sx cmt plug @ 5840. 11 sx cmt plug @ 6875. CIBP @ 2700 with 35' cmt. New PBD @ 2665.

Recompletion to Grayburg unsuccessful. SI for future recompletion to Atoka. Sundry to recomplete in progress.

## 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 #112934 Verified by the BLM Well Information System.  
For CIMAREX ENERGY COMPANY OF CO, sent to the Carlsbad  
Committed to AFMSS for processing by DEBORAH MCKINNEY on 07/15/2011 (11DLM107SSE)

Name (please print) NATALIE E KRUEGER

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 07/14/2011

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 \*\* REVISED \*\***