

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		5. Lease Serial No NMNM96208	
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other <u>Oil & Gas</u>		6. If Indian, Allottee or Tribe Name	
2. Name of Operator CIMAREX ENERGY COMPANY OF CG Mail: tstathem@cimarex.com		7. Unit or CA Agreement Name and No	
3. Address 600 NORTH MARIENFELD STREET SUITE 600 MIDLAND, TX 79701		8. Lease Name and Well No. TAOS FEDERAL 3	
3a. Phone No. (include area code) Ph: 432.571-7800		9. API Well No. 30-015-38248-00-S1	
4. Location of Well (Report location clearly and in accordance with Federal requirements) At surface SESE 250FSL 475FEL At top prod interval reported below SESE 250FSL 475FEL At total depth SESE 614FNL 990FEL		10. Field and Pool, or Exploratory UPPER PENN	
14. Date Spudded 04/24/2011		11. Sec., T., R., M., or Block and Survey or Area Sec 31 T24S R27E Mer NMP	
15. Date T.D. Reached 06/11/2011		12. County or Parish EDDY	
16. Date Completed ☐ D & A ☒ Ready to Prod 08/18/2011		13. State NM	
17. Elevations (DF, KB, RT, GL)* 3398 GL			
18. Total Depth. MD 14525 TVD 10591		20. Depth Bridge Plug Set: MD TVD	
19. Plug Back T.D.: MD TVD			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) DLL		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	580		585		0	
12.250	9.625 K-55	40.0	0	2205		940		0	
8.750	7.000 HCP-110	26.0	0	10201	2514	2330		0	
6.125	4.500 HCP-110	11.6	9890	14521		475		9890	
6.125	4.500 P-110	11.6	10768	14599					

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	9776							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) CISCO-CANYON	10710	14459	10710 TO 10910		48	OPEN
B)			11006 TO 11206		48	OPEN
C)			11302 TO 11502		54	OPEN
D)			11598 TO 11798		48	OPEN

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

Depth Interval	Amount and Type of Material
10710 TO 14166	5,296,262 gal 15# XL Borate, 4,252,947# 30/50 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
08/18/2011	10/30/2011	24	→	30.0	3171.0	78.0	55.0		ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg Press Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
SI	1100	100.0	→	30	3171	78	105700	POW	

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			→						

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

ELECTRONIC SUBMISSION #128804 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

Provide "As Drilled" Plat

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
TOP SALT	1429	2019			
DELAWARE	2201				
BONE SPRING	5780				
1ST BONE SPRING	6741				
2ND BONE SPRING	7233				
3RD BONE SPRING	8549				
WOLFCAMP	8880				
CISCO-CANYON	10539				

32. Additional remarks (include plugging procedure)

Additional Perfs

11894-12094 (48 holes) - open
 12190-12390 (48 holes) - open
 12486-12686 (48 holes) - open
 12782-12982 (48 holes) - open
 13078-13278 (48 holes) - open
 13374-13574 (48 holes) - open
 13670-13870 (48 holes) - open

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 #128804 Verified by the BLM Well Information System.

For CIMAREX ENERGY COMPANY OF CO, sent to the Carlsbad

Committed to AFMSS for processing by JAMES (JIM) HUGHES on 01/24/2012 (12JLH0340SE)

Name (please print) TERRI STATHEM

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 01/20/2012

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 ****

Additional data for transaction #128804 that would not fit on the form

32. Additional remarks, continued

13996-14166 (48 holes) - open
14262-14459 (48 holes) - open

Additional Frac Info:

11894-12094 350887 gals 15# XL Borate; 303153 30/50 sand
12190-12390 349845 gals 15# XL Borate; 306608 30/50 sand
12486-12686 366270 gals 15# XL Borate; 321399 30/50 sand
12782-12982 364546 gals 15# XL Borate; 303339 30/50 sand
13078-13278 363505 gals 15# XL Borate; 303971 30/50 sand
13374-13574 386735 gals 15# XL Borate; 304558 30/50 sand
13670-13870 369956 gals 15# XL Borate; 318713 30/50 sand
13996-14166 359000 gals 15# XL Borate; 302275 30/50 sand
14262-14459 394568 gals 15# XL Borate; 302350 30/50 sand

Additional Tops:

Atoka 10980'

Logs mailed overnight.