

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		6. If Indian, Allottee or Tribe Name	
b Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff Resvr. Other _____		7. Unit or CA Agreement Name and No.	
2. Name of Operator CIMAREX ENERGY COMPANY OF TEXAS		8. Lease Name and Well No WHITE CITY 14 FEDERAL 10 H	
3 Address 600 NORTH MARIENFELD STREET SUITE 600 MIDLAND, TX 79701		9. API Well No. 30-015-39227-00-S1	
4. Location of Well (Report location clearly and in accordance with Federal requirements) At surface NWNW 500FNL 800FWL 32.135714 N Lat, 104.269608 W Lon At top prod interval reported below NWNW 500FNL 800FWL At total depth SWSW 670FSL 815FWL		10. Field and Pool, or Exploratory WILDCAT	
14. Date Spudded 08/06/2011		15. Date T.D. Reached 09/08/2011	
16. Date Completed ☐ D & A ☒ Ready to Prod. 10/15/2011		17. Elevations (DF, KB, RT, GL)* 3350 GL	
18. Total Depth: MD 13601 TVD 9670		19. Plug Back T.D.: MD 13550 TVD	
20. Depth Bridge Plug Set MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) NONE	
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
17.500	13 375 H40	48.0	0	470		360		0	
12.250	9.625 J55	40.0	0	1975		765		0	
8.750	7.000 P110	26.0	0	9300	1882	1230		0	
6.125	4.500		9220	13601		460		9220	

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	9170	9170						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	9668	13547	9668 TO 9944	0.450	48	OPEN
B)			10075 TO 10345	0.450	48	OPEN
C)			10476 TO 10746	0.450	48	OPEN
D)			10877 TO 11149	0.450	48	OPEN

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

Depth Interval	Amount and Type of Material
9668 TO 9944	370513 GALS TOTAL FLUID; 351668# SD
10075 TO 10345	391163 GALS TOTAL FLUID; 351448# SD
10476 TO 10746	363514 GALS TOTAL FLUID; 348185# SD
10877 TO 11149	374410 GALS TOTAL FLUID; 355358# SD

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
10/27/2011	11/21/2011	24	→	183.0	4099.0	1588.0	59.5	0.69	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	
50/64	SI	400.0	→	183	4099	1588	22399	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			→						

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

ELECTRONIC SUBMISSION #130645 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICERECEIVED
FEB 29 2012
NMOCD ARTESIARECLAMATION
DUE 4-15-12

ACCEPTED FOR RECORD

FEB 19 2012

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
BASE OF SALT TOP SALT DELAWARE BONE SPRING WOLFCAMP	1078 1933 5448 8633	1727		TOP SALT DELAWARE BONE SPRING WOLFCAMP	1078 1933 5448 8633

32. Additional remarks (include plugging procedure):

additional perfs:
 11278-11548' - .45, 48 holes - open
 11679-11949' - .45, 48 holes - open
 12080-12350' - .45, 48 holes - open
 12481-12751' - .45, 48 holes - open
 12881-13149' - .45, 48 holes - open
 13279-13547' - .45, 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 #130645 Verified by the BLM Well Information System.
 For CIMAREX ENERGY COMPANY OF CO, sent to the Carlsbad
 Committed to AFMSS for processing by KURT SIMMONS on 02/10/2012 (12KMS0959SE)**

Name (please print) TERRI STATHEM

Title REGULATORY ANALYST

Signature _____ (Electronic Submission)

Date 02/10/2012

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 #130645 that would not fit on the form

26. Perforation Record, continued

Perf Interval	Size	No. Holes	Perf Status
11278 TO 11548	0.450	48	OPEN
11679 TO 11949	0.450	48	OPEN
12080 TO 12350	0.450	48	OPEN
12481 TO 12751	0.450	48	OPEN
12881 TO 13149	0.450	48	OPEN
13279 TO 12350	0.450	48	OPEN

27. Acid, Fracture, Treatment, Cement Squeeze, etc., continued

Depth Interval	Amount and Type of Material
11278 TO 11548	370453 gals total fluid, 360207# sd
11679 TO 11949	372991 gal total fluid, 349612# sd
12080 TO 12350	363300 gal total fluid, 347381# sd
12481 TO 12751	383688 gal total fluid, 350279# sd
12881 TO 13149	365070 gal total fluid, 349996# sd
13279 TO 13547	382854 gal total fluid, 338539# sd

32. Additional remarks, continued

additional frac info:

11278-11548' 370453 gals total fluid; 360207# sd
11679-11949' 372991 gals total fluid; 349613# sd
12080-12350' 363300 gals total fluid; 347381# sd
12481-12751' 383688 gals total fluid; 350279# sd
12881-13149' 365070 gals total fluid; 349996# sd
13279-13547' 382854 gals total fluid; 338539# sd