

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NNNM27570

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

2. Name of Operator  
CIMAREX ENERGY COMPANY OF TEXAS  
Contact: TERRI STATHEM  
Email: tstathem@cimarex.com

8. Lease Name and Well No  
DIAMANTE 21 FEDERAL 2

3. Address 600 NORTH MARIENFELD STREET, SUITE 600  
MIDLAND, TX 79701

3a Phone No. (include area code)  
Ph: 432-620-1936

9. API Well No.  
30-025-40132-00-S1

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

At surface NESE 1980FSL 330FEL 32 643923 N Lat, 104 660612 W Lon

At top prod interval reported below NESE 1987FSL 571FEL

At total depth NWSW 2036FSL 340FWL

FEB 13 2012

10. Field and Pool, or Exploratory  
TONTO

11 Sec, T, R., M., or Block and Survey  
or Area Sec 21 T19S R33E Mer NMP

12 County or Parish  
LEA

13. State  
NM

14. Date Spudded  
07/04/2011

15. Date T.D. Reached  
08/25/2011

16. Date Completed  
☐ D & A ☒ Rec'd to Prod  
09/14/2011

17. Elevations (DF, KB, RT, GL)\*  
3619 GL

18 Total Depth. MD 14666  
TVD 10118

19. Plug Back T.D.: MD  
TVD

20. Depth Bridge Plug Set: 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 J-55	54.5	0	1442		1170		0	
12.250	9.625 N-80	40.0	0	5217		1600		0	
8.750	5.500 P-110	17.0	0	14665		2700		480	

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	9708							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) BONE SPRING	10201	14614	10201 TO 10902			Open, Bone Spring
B)			11132 TO 11830			Open, Bone Spring
C)			12060 TO 12758			Open, Bone Spring
D)			13928 TO 14614			Open, Bone Spring

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

Depth Interval	Amount and Type of Material
10201 TO 10902	gal 20# Borate XL, 248548# 20/40 sand
11132 TO 11830	gal 20# Borate XL, 267662# 20/40 sand
12060 TO 12758	gal 20# Borate XL, 228786# 20/40 sand
13928 TO 14614	gal 20# Borate XL, 251178# 20/40 sand

RECLAMATION  
DUE 3-14-12

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
09/15/2011	10/21/2011	24	→	135.0	346.0	229.0	37.9	0.79	ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
	255	75.0	→	135	346	229	2563	POW	ACCEPTED FOR RECORD

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	
			→						

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

ELECTRONIC SUBMISSION #129883 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

## 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
DELAWARE BONE SPRING	5430 7980			RUSTLER BASE OF SALT	1310 3000

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

additional perfs:

13928-14614' - 40 holes - open

Additional frac info:

13928-14614 - 175176 gals 20# BORATE XL; 251178 20/40 20/40 SAND

Pilot Hole TD 10400'. Pump 320 SX (600' plug) . KOP @ 9817'.

## 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 #129883 Verified by the BLM Well Information System.  
For CIMAREX ENERGY COMPANY OF CO, sent to the Hobbs  
Committed to AFMSS for processing by KURT SIMMONS on 02/03/2012 (12KMS0404SE)

Name (please print) TERRI STATHEM

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 02/01/2012

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 #129883 that would not fit on the form**

**32. Additional remarks, continued**

logs mailed via US mail.