

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NMOCD Copy

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.  
 Other \_\_\_\_\_

2. Name of Operator **CIMAREX ENERGY COMPANY OF TEXAS** Contact: **CRISTEN BURDELL**  
 Email: **cburdell@cimarex.com**

3. Address **600 NORTH MARIENFELD STREET, SUITE 600  
 MIDLAND, TX 79701** 3a. Phone No. (include area code) **918-560-7038**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface **NWNW 330FNL 750FWL**  
 At top prod interval reported below **NWNW 330FNL 750FWL**  
 At total depth **SESW 330FSL 1464FWL**

5. Lease Serial No. **NMNM127894**  
 6. If Indian, Allottee or Tribe Name \_\_\_\_\_  
 7. Unit or CA Agreement Name and No. \_\_\_\_\_

8. Lease Name and Well No. **DIAMONDTAIL 23 FEDERAL 2H**  
 9. API Well No. **30-025-40781-00-S1**

10. Field and Pool, or Exploratory **DIAMONDTAIL Bone Spring**  
 11. Sec., T., R., M., or Block and Survey or Area **Sec 23 T23S R32E Mer NMP**  
 12. County or Parish **LEA** 13. State **NM**

14. Date Spudded **12/27/2013** 15. Date T.D. Reached **01/16/2014** 16. Date Completed **10/03/2014**  
 D & A  Ready to Prod.

17. Elevations (DF, KB, RT, GL)\* **3706 GL**

18. Total Depth: **MD 14078 TVD 9668** 19. Plug Back T.D.: **MD 14078 TVD 9668** 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)

HOBBSOCD  
FEB 13 2015  
RECEIVED

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	48.0	0	1302		1050		0	323
12.250	9.625 J-55	40.0	0	4920		1400		0	251
8.500	5.500 P-110	17.0	0	14078		1950		3838	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)
2.375	9103	9092						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	11628	14050	11628 TO 14050	0.000	672	OPEN (17644) Bone Spring
B)						
C)						
D)						

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	11628	14050	11628 TO 14050	0.000	672	OPEN (17644) Bone Spring

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

Depth Interval	Amount and Type of Material
11628 TO 14050	3,971,102 GALS OF FLUID & 3943713 # OF SAND.

ACCEPTED FOR RECORD  
 FEB 12 2015  
 BUREAU OF LAND MANAGEMENT  
 CARLSBAD FIELD OFFICE

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
10/05/2014	10/31/2014	24	→	230.0	1895.0	226.0	48.3		POW
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
48/64	SI 165	870.0	→	230	1895	226	8239	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 #285726 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
 \*\* BLM REVISED \*\*

Reclamation Date 5/1/2015

FEB 24 2015

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	4965 8855	8855 14098	SANDSTONE: WATER SANDSTONE SHALE LIMESTONE	RUSTLER TOP OF SALT DELAWARE BONE SPRING	1208 1346 4925 8824

32. Additional remarks (include plugging procedure):

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 #285726 Verified by the BLM Well Information System.  
For CIMAREX ENERGY COMPANY OF CO, sent to the Hobbs  
Committed to AFMSS for processing by LINDA JIMENEZ on 01/20/2015 (15LJ0484SE)**

Name (please print) CRISTEN BURDELL Title REGULATORY

Signature (Electronic Submission) Date 12/18/2014

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 \*\***