

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

**NMOC Copy**

5. Lease Serial No.  
NMNM0392082A

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: **CRISTEN BURDELL**  
 Email: **cburdell@cimarex.com**

8. Lease Name and Well No.  
**HALLERTAU 4 FEDERAL 9H**

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

9. API Well No.  
**30-025-41878-00-S1**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface **NWNE 330FNL 2570FEL 32.044348 N Lat, 103.404722 W Lon**  
 At top prod interval reported below **NWNE 330FNL 2570FEL**  
 At total depth **SWSE 330FSL 2393FEL**

10. Field and Pool, or Exploratory  
**JENNINGS**

11. Sec., T., R., M., or Block and Survey or Area **Sec 4 T26S R32E Mer NMP**

12. County or Parish **LEA** 13. State **NM**

14. Date Spudded **07/12/2014** 15. Date T.D. Reached **07/30/2014** 16. Date Completed **11/08/2014**  
 D & A  Ready to Prod.

17. Elevations (DF, KB, RT, GL)\*  
**3304 GL**

18. Total Depth: MD **13863** TVD **9440** 19. Plug Back T.D.: MD **13850** 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
7.500	13.375 J55	48.0	0	1209		1315	C	Cir Test 0	524
12.250	9.625 J55	40.0	0	4547		1320		0	232
8.500	5.500 L80	20.0	0	13863		2020		1964	

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	8491	8491						

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
<b>BONE SPRINGS UPPER SHAL</b>	9680	13835	9680 TO 13835	0.000	576	OPEN (97838) U Bone Spring shak
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9680 TO 13835	6705928 GALLONS OF FLUID, 6554619 # OF SAND

**ACCEPTED FOR RECORD**  
**FEB 12 2015**  
*K. Jennings*  
**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
11/19/2014	11/28/2014	24	→	335.0	2687.0	1198.0			
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
44/64	SI 820	180.0	→	355	2687	1198		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 #28923 VERIFIED BY THE BLM WELL INFORMATION SYSTEM**  
**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

*Reclamation date 5/28/2015*

**MAR 12 2015**

*fm*

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. St	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. St	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.)  
**CAPTURED**

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	4500 8635	8635 13599	SANDSTONE: WATER SANDSTONE, SHALE, LIMESTONE...	RUSTLER DELAWARE BONE SPRING	1200 3925 8675

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 #288923 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 01/23/2015 (15LJ0568SE)**

Name (please print) CRISTEN BURDELL Title REGULATORY

Signature \_\_\_\_\_ (Electronic Submission) Date 01/22/2015

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 \*\***