

NMOCDCopy

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NMNM26394

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. CASCADE 29 FEDERAL 7H

9. API Well No. 30-025-42031-00-S1

10. Field and Pool, or Exploratory WC-025 G06 S253329D

11. Sec., T., R., M., or Block and Survey or Area Sec 29 T25S R33E Mer NMP

12. County or Parish LEA 13. State NM

17. Elevations (DF, KB, RT, GL)\* 3396 GL

1. a. 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: ARICKA EASTERLING  
Email: aeasterling@cimarex.com

3. Address 600 NORTH MARIENFELD STREET, SUITE 600 MIDLAND, TX 79701 3a. Phone No. (including area code) Ph: 918-585-1100

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface NENE 340FNL 864FEL 32.107891 N Lat, 103.588560 W Lon  
At top prod interval reported below NENE 340FNL 864FEL  
At total depth SESE 334FSL 1324FEL

14. Date Spudded 10/05/2014 15. Date T.D. Reached 11/04/2014 16. Date Completed  D & A  Ready to Prod. 12/27/2014

18. Total Depth: MD 14306 TVD 9847 19. Plug Back T.D.: MD 14259 TVD 14259 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) NA 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 J55	48.0	0	1053		950		0	403
12.250	9.625 J55	40.0	0	4942		1500		0	440
8.500	5.500 L80	20.0	0	14306		1950		5850	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	9263	9263						

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING UPPER	9875	14232	9875 TO 14232	0.000	576	OPEN (97994) Upper BS
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9875 TO 14232	FRAC WITH 7,003,939 GAL TOTAL FLUID & 6,855,288 # SAND.

ACCEPTED FOR RECORD

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
12/27/2014	01/20/2015	24	→	225.0	442.0	951.0	45.5		GAS LIFT
Choke Size 18/64	Tbg. Press. Flwg. 1060 SI	Csg. Press. 650.0	24 Hr. Rate →	Oil BBL 225	Gas MCF 442	Water BBL 951	Gas:Oil Ratio 1964	Well Status POW	

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A. Amery

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	

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)  
ELECTRONIC SUBMISSION #289084 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
\*\* BLM REVISED \*\*

Reclamation Date 6/27/2015

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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	4940	9120	SANDSTONE; WATER	RUSTLER	995
BONE SPRING	9120	14302	SNDSTNE,SHL,LMSTN: OIL & WATER	TOP OF SALT	1140
				CASTILE	3380
				BASE OF SALT	4670
				CHERRY CANYON	6190
				AVALON	9045
				BONE SPRING	9080
				BONE SPRING UPPER	9680

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 #289084 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 (15LJ0573SE)**

Name (please print) ARICKA EASTERLING Title REGULATORY ANALYST

Signature (Electronic Submission) Date 01/23/2015

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 \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\***