

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM127894

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: **ARICKA EASTERLING**
 Email: **aeasterling@cimarex.com**

8. Lease Name and Well No.
DIAMONDTAIL 23 FEDERAL 8

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

9. API Well No.
30-025-40783-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface **NENE 330FNL 600FEL**
 At top prod interval reported below **NENE 330FNL 600FEL**
 At total depth **SESE 335FSL 412FEL**

10. Field and Pool, or Exploratory
DIAMONDTAIL

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 **10/02/2014** 15. Date T.D. Reached **10/20/2014** 16. Date Completed D & A Ready to Prod.
02/12/2015

17. Elevations (DF, KB, RT, GL)*
3718 GL

18. Total Depth: **MD 14264 TVD 9779** 19. Plug Back T.D.: **MD 14251 TVD** 20. Depth Bridge Plug Set: **MD TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
DSN&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 J55	48.0		1340		1050			433
12.250	9.625 J55	40.0		4910		1400			77
8.500	5.500 L80	20.0		14264		2250		2710	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	9260	9260						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	9800	14235	9980 TO 14235	0.000	576	OPEN(17644) BS
B)						
C)						
D)						

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	9800	14235	9980 TO 14235	0.000	576	OPEN(17644) BS

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

Depth Interval	Amount and Type of Material
9800 TO 14235	FRAC WITH 7,063,260 GAL FRAC FLUID & 6,754,336 # SAND.

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
02/12/2015	02/18/2015	24	→	200.0	380.0	1327.0	44.2		GAS LIFT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
18	590	580.0	→	200	340	1328	1900	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. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

ACCEPTED FOR RECORD
 GAS LIFT
 APR 14 2015
 BUREAU OF LAND MANAGEMENT
 CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)
 ELECTRONIC SUBMISSION #298002 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

APR 22 2015 *jm*

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.)
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
BELL CANYON	4980	5835	WATER	RUSTLER	1208
CHERRY CANYON	5835	7180	WATER	TOP OF SALT	1346
BONE SPRING	8750	9975	WATER, OIL, GAS	DELAWARE	4925
				BONE SPRING	8824

32. Additional remarks (include plugging procedure):
Logs are being sent to the Carlsbad Field office.

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 #298002 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 04/14/2015 (15LJ0949SE)

Name (please print) ARICKA EASTERLING Title REGULATORY ANALYST

Signature _____ (Electronic Submission) Date 04/13/2015

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.