

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
RECEIVED
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

OCD Hobbs

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

1a. Type of Well ☒ Oil ☐ Gas ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☒ Plug Back ☐ Diff Resvr

2. Name of Operator
CIMAREX ENERGY COMPANY OF CO. Contact CAROLYN LARSON
Email: clarons@cimarex.com

3. Address 600 N MARIENFELD STREET, SUITE 600
MIDLAND, TX 79701 3a. Phone No (include area code)
Ph. 432-620-1946

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface SWSE 330FSL 1980FEL
At top prod interval reported below
At total depth

5. Lease Serial No
NMLC065710A

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No
NMNM94514X

8. Lease Name and Well No Deep
LUSK WEST DELAWARE UNIT 045 #14

9. API Well No
30-025-30490-00-S2

10. Field and Pool, or Exploratory
E LUSK Yates

11. Sec, T, R, M, or Block and Survey
or Area Sec 20 T19S R32E Mer NMP

12. County or Parish
LEA

13. State
NM

14. Date Spudded
05/03/2010

15. Date TD Reached
05/03/2010

16. Date Completed
☐ D & A ☒ Ready to Prod
10/28/2010

17. Elevations (DF, KB, RT, GL)*
3564 GL

18. Total Depth MD
TVD 7200

19. Plug Back TD MD
TVD 4590

20. Depth Bridge Plug Set MD
TVD 4625

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

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 (#/R)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No of Sks & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
17.500	13 375 K-55	48.0	0	843		1000		0	
12.250	8 625 K-55	24.0	0	4500	2860	850		0	
7 875	5 500 K-55	15.5	0	7200		850		2320	

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	2816	2778						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) YATES	2545	2720	2545 TO 2569	0 000	48	OPEN
B)			2584 TO 2606	0 000	44	OPEN
C)			2638 TO 2652	0 000	28	OPEN
D)			2686 TO 2726	0 000	52	OPEN

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

Depth Interval	Amount and Type of Material
2545 TO 2652	ACIDIZED W/6000 GALS 10% NEFF HCL FLUSHED W/20 BBL 2% KCL
2545 TO 2726	FRACD W/20,000 GALS 20% XL BORATE W/19,482 LBS 20/40 WHITE SAND & 15,000 LBS 20/40 SB EXCEL SAND
2638 TO 2652	PMFD 18.9 BBL ACID FLUSHED W/19 BBL 2% FLUSHED CSG W/20BBL 2% KCL
2686 TO 2726	ACIDIZED W/1500 GALS 10% NEFF HCL FLUSHED W/18BBL 2% KCL

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
12/01/2010	12/18/2010	24	→	26.0	0.0	72.0			ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg Press Flag	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
SI			→	23	0	72		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 Flag	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 #103025 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED

ACCEPTED FOR RECORD

FEB 1 2011
/s/ Dustin Winkler

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

JAN 31 2012

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	Tub 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	Tub 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
DELAWARE				RUSTLER	784
				YATES	2522
				CAPTAN REEF	2740
				DELAWARE	4552
				BRUSHY CANYON	5591

32 Additional remarks (include plugging, etc.)

Well was previously in the Lusk West Delaware Unit Well #015

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)

Submitted to the Submittal #199920 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 01/26/2011 (11KMS0211SE)

Name (please print) ZENO FARRIS

Title MGR OPERATIONS ADMINISTRATION

Signature (Electronic Submission)

Date 01/20/2011

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 **