

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD
OCD Hobbs

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

FEB 23 2012

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff Resvr.			7. Unit or CA Agreement Name and No		
2. Name of Operator CIMAREX ENERGY COMPANY OF TEXAS			8. Lease Name and Well No LYNCH 23 FEDERAL COM 1H		
3. Address 600 NORTH MARIENFELD STREET, SUITE 600 MIDLAND, TX 79701			9. API Well No. 30-025-40115-00-S1		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWNE 330FNL 1830FEL Unit B At top prod interval reported below NWNE 330FNL 1830FEL At total depth SWSE-341FSL 1947FEL Unit B			10. Field and Pool, or Exploratory LEA Bone Spring S		
14. Date Spudded 09/22/2011			15. Date T.D. Reached 10/30/2011		
16. Date Completed ☐ D & A ☒ Ready to Prod. 11/20/2011			17. Elevations (DF, KB, RT, GL)* 3655 GL		
18. Total Depth: MD 15461 TVD 11056			19. Plug Back T.D.: MD 15461 TVD		
20. Depth Bridge Plug Set. MD TVD			21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 3655 GL		
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	1686		1415		0	
12.250	9.625 N80	40.0	0	5515		2163		0	
8.750	5.500 P110	17.0	0	15456		2740		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)
2.875	9506	9506						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) BONE SPRING	9550	15333	9550 TO 9600	0.000	40	OPEN
B)			10300 TO 10500	0.000	40	OPEN
C)			11052 TO 11615	0.000	40	OPEN
D)			11799 TO 12359	0.000	40	OPEN

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

Depth Interval	Amount and Type of Material
9550 TO 9600	119228 GALS TOTAL FLUID; 231885# SD
10300 TO 10500	96522 GALS TOTAL FLUID; 150685# SD
11052 TO 11615	216616 GALS TOTAL FLUID; 335744# SD
11799 TO 12359	212496 GALS TOTAL FLUID; 332858# SD

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
11/21/2011	12/02/2011	24	→	850.0	1839.0	601.0	39.6		ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
26/64	1000	600.0	→	850	1839	601	2163	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	
			→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #130175 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

RECLAMATION
DUE 5-20-12

ACCEPTED FOR RECORD

FEB 18 2012

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

MAR 01 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	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
RUSTLER	1600			RUSTLER	1600
YATES	3730			TOP OF SALT	1960
DELAWARE	5720			BASE OF SALT	3400
BONE SPRING	8320			YATES	3730
				DELAWARE	5720
				BONE SPRING	8320

32. Additional remarks (include plugging procedure)

ADDITIONAL PERFS:

12543-13103', .42, 40 HOLES - OPEN
 13287-13847', .42, 40 HOLES - OPEN
 14031-14591', .42, 40 HOLES - OPEN
 14775-15149', .42, 30 HOLES - OPEN
 15333' - .42, 10 HOLES - OPEN

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 #130175 Verified by the BLM Well Information System.

For CIMAREX ENERGY COMPANY OF CO, sent to the Hobbs

Committed to AFMSS for processing by JAMES (JIM) HUGHES on 02/09/2012 (12JLH0144SE)

Name (please print) TERRI STATHEM

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 02/06/2012

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 ** REVISED **

Additional data for transaction #130175 that would not fit on the form

26. Perforation Record, continued

Perf Interval	Size	No. Holes	Perf Status
12543 TO 13103	0.000	40	OPEN
13287 TO 13847	0.000	40	OPEN
14031 TO 14591	0.000	40	OPEN
14775 TO 15149	0.000	40	OPEN

27. Acid, Fracture, Treatment, Cement Squeeze, etc., continued

Depth Interval	Amount and Type of Material
12543 TO 13103	215211 gal total fluids, 351571# sand
13287 TO 13847	218500 gal total fluids, 330147# sand
14031 TO 14591	223223 gal total fluids, 336056# sand
14775 TO 15149	303081 gal total fluids, 336179# sand

32. Additional remarks, continued

ADDITIONAL FRAC INFO:

12543-13103', FRAC W/ 215,211 GALS TOTAL FLUID; 351571# SD.
13287-13847', FRAC W/ 218,500 GALS TOTAL FLUID; 330147# SD.
14031-14591', FRAC W/ 223,223 GALS TOTAL FLUID; 336056# SD.
14775-15149', FRAC W/ 303,081 GALS TOTAL FLUID; 336179# SD.