

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD

JUL 15 2011

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

WELL COMPLETION OR RECOMPLETION REPORT RECEIVED

5. Lease Serial No.
NMNM36916

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name	
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____		7. Unit or CA Agreement Name and No NMNM72609B	
2. Name of Operator CIMAREX ENERGY COMPANY OF TEXAS		8. Lease Name and Well No. NORTH MADURO FEDERAL UNIT 4	
3. Address 600 NORTH 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 NWNW 660FNL 410FWL At top prod interval reported below Sec 20 T19S R33E Mer NMP At total depth NENE 366FNL 336FEL		9. API Well No. 30-025-39998-00-S1	
14. Date Spudded 01/10/2011		15. Date T.D. Reached 03/02/2011	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 04/23/2011		17. Elevations (DF, KB, RT, GL)* 3617 GL	
18. Total Depth: MD 14275 TVD 9938		19. Plug Back T.D.: MD 13443 TVD 9938	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) OTH	
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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 Sks & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H-40	48.0	0	1376		1100		0	
12.250	9.625 N-80	40.0	0	5190		2050		0	
8.750	5.500 P-110	17.0	0	14262		1660		4850	

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	9364							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) BONE SPRING	9951	14212	10850 TO 11524	0.000	40	OPEN
B)			10850 TO 11524	0.000	40	OPEN
C)			11746 TO 12420	0.000	40	OPEN
D)			11746 TO 12420	0.000	40	OPEN

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

Depth Interval	Amount and Type of Material
9951 TO 14212	FRAC W/877,805 GALS 20# BORATE XL AND 1,213,846 LBS 20/40 WHITE 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
04/23/2011	05/05/2011	24	→	332.0	212.0	326.0	37.1		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	
	165 95		→	332	212	326	639	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
04/23/2011	05/05/2011	24	→	332.0	212.0	326.0	37.1		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	
	165 95		→	332	212	326	639	POW	

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

ELECTRONIC SUBMISSION #112227 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

AUG 31 2011

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	1416			CHERRY CANYON	5420
				DELAWARE	6002
				BRUSHY CANYON	7364
				BONE SPRING	7770
				2ND BONE SPRING	9710

32. Additional remarks (include plugging procedure):

#26 - Additional perf interval:

Perfs 9951- 10,628, size 0.42,40 holes Open

#40 - TOC 4850' is estimated

#54 - C-102, Deviation Survey, Directional Survey

Logs will be sent via regular mail.

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 #112227 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 07/05/2011 (11KMS0872SE)

Name (please print) CAROLYN D LARSON

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 07/05/2011

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 ****

Additional data for transaction #112227 that would not fit on the form

26. Perforation Record, continued

Perf Interval	Size	No. Holes	Perf Status
12642 TO 13316	0.000	40	OPEN
13316 TO 12642	0.000	40	OPEN
13539 TO 14212	0.000	40	OPEN
13539 TO 14212	0.000	40	CLOSED DUE TO STUCK FISH

32. Additional remarks, continued

Fish stuck in hole @13,400-13,433