

RECEIVED

Form 3160-4  
(August 2007)

APR 15 2011

HOBBSD

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Hobbs

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMLC060329

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 Contact: CAROLYN D LARSON  
CIMAREX ENERGY COMPANY OF OK Mail: clarson@cimarex.com

8. Lease Name and Well No.  
HT FEDERAL 5

3. Address 600 N MARIENFELD STREET, SUITE 600  
MIDLAND, TX 79701

3a. Phone No. (include area code)  
Ph: 432-620-1946

9. API Well No.  
30-025-39975-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

Sec 18 T17S R32E Mer NMP  
At surface SWNW 2310FNL 990FWL

10. Field and Pool, or Exploratory  
MALJAMAR *1500-YE, W*  
11. Sec., T., R., M., or Block and Survey  
or Area Sec 18 T17S R32E Mer NMP

At top prod interval reported below

12. County or Parish  
LEA 13. State  
NM

At total depth

14. Date Spudded  
01/03/2011

15. Date T.D. Reached  
01/22/2011

16. Date Completed  
☐ D & A ☒ Ready to Prod.  
01/24/2011

17. Elevations (DF, KB, RT, GL)\*  
3951 GL

18. Total Depth: MD 6820  
TVD

19. Plug Back T.D.: MD 6776  
TVD

20. Depth Bridge Plug Set: MD  
TVD

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

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
16.000	11.750 H-40	42.0	0	777		550		0	
11.000	8.625 J-55	24.0	0	1987		450		0	
7.875	5.500 P-110	17.0	0	6819		850		2020	

## 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	6342							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	5340	5460	5340 TO 5460	0.000	52	OPEN, Paddock
B) BLINEBRY	5984	6332	5984 TO 6168	0.000	20	OPEN, Blinebry
C)			6178 TO 6332	0.000	20	OPEN, Blinebry
D)						

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

Depth Interval	Amount and Type of Material
5340 TO 5460	FRAC W/849,669 GALS SLICKWATER W/331,261# 40/70 WHITE SAND
5984 TO 6332	FRAC W/980,738 GALS SLICKWATER W/410,749# 40/70 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
03/26/2011	03/27/2011	24	→	83.0	49.0	1758.0	38.5		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	
	280	0.0	→	83	49	1758	590	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 #105449 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

BUREAU OF LAND MANAGEMENT  
CARLETON FIELD OFFICE

OCD-HG 10-12-2011

OCT 13 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.)  
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

## 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 #105449 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 03/30/2011 (11KMS0527SE)**

Name (please print) ZENO FARRISTitle MGR OPS ADMINSignature (Electronic Submission)Date 03/29/2011

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 \*\***