

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

MAR 23 2011

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 <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.	
2. Name of Operator CIMAREX ENERGY COMPANY OF CO		8. Lease Name and Well No. HT FEDERAL 1	
3. Address 600 N MARIENFELD STREET, SUITE 600 MIDLAND, TX 79701		9. API Well No. 30-025-39974-00-S1	
3a. Phone No. (include area code) Ph: 432-620-1946		10. Field and Pool, or Exploratory MALJAMAR, YESO, W	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SWSW 780FSL 575FWL At top prod interval reported below SWSW 500FSL 835FWL At total depth SWSW 761FSL 784FWL		11. Sec., T., R., M., or Block and Survey or Area Sec 18 T17S R32E Mer NMP	
14. Date Spudded 12/18/2010		15. Date T.D. Reached 01/08/2011	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 02/07/2011		17. Elevations (DF, KB, RT, GL)* 3938 GL	
18. Total Depth: MD 7018 TVD 7005		19. Plug Back T.D.: MD TVD	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CNL GR RCBL	
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 Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
16.000	11.750 H-40	42.0	0	770		650		0	
11.000	8.625 K-55	24.0	0	1940		470		0	
7.875	5.500 P-110	17.0	0	7021		1025		1036	

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	5293							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BLINEBRY			5300 TO 5450		52	Open, Paddock
B) PADDOCK			6012 TO 6330		33	Open, Blinebry
C) TUBB			6452 TO 6750		32	Open, Blinebry
D)						

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

Depth Interval	Amount and Type of Material
5300 TO 5450	gal slickwater, 326057# 30/50 white sand
6012 TO 6330	gal slickwater, 328769# 30/50 white sand
6452 TO 6750	gal slickwater, 319840# 30/50 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
02/08/2011	02/23/2011	24	→	50.0	101.0	520.0	38.5		ELECTRIC PUMP-SUB-SURFACE
Choke Size	Tbg. Press. Flwg. 300 SI	Csg. Press. 85.0	24 Hr. Rate →	Oil BBL 50	Gas MCF 101	Water BBL 520	Gas:Oil Ratio 2020	Well Status 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
			→						MAR 17 2011
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 #104520 VERIFIED BY THE BLM WELL INFORMATION SYSTEM



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

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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):	31. Formation (Log) Markers
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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.

30. Summary of Porous Zones (Include Aquifers):	31. Formation (Log) Markers
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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 #104520 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 03/16/2011 (11KMS0471SE)

Name (please print) CAROLYN LARSON Title REGULATORY ANALYST

Name (please print) CAROLYN LARSON Title REGULATORY ANALYST

Signature (Electronic Submission) Date 03/16/2011

Signature (Electronic Submission) Date 03/16/2011

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 ** REVISED ** REVISED ****