

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**RECEIVED**  
JUN 06 2013  
NMOC D ARTESIA

*Operator*

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No. **NMNM105211**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. **PEQUENO MIKE BLU FEDERAL 5H**

9. API Well No. **30-015-38038-00-S1**

10. Field and Pool, or Exploratory **UNDESIGNATED**

11. Sec., T., R., M., or Block and Survey or Area **Sec 2 T16S R29E Mer NMP**

12. County or Parish **EDDY** 13. State **NM**

14. Date Spudded **08/10/2010** 15. Date T.D. Reached **09/13/2010** 16. Date Completed  D & A  Ready to Prod. **10/12/2010** 17. Elevations (DF, KB, R1, GL)\* **3740 GL**

18. Total Depth: MD **12000** TVD **7108** 19. Plug Back T.D.: MD **MD** TVD **TVD** 20. Depth Bridge Plug Set: MD **MD** TVD **TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) **LATEROLOG COMPENSATED NEUT**

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
17.500	13.375 H-40	48.0	0	430		470	113	0	
12.250	9.625 J-55	36.0	0	2605		1470	458	0	
8.750	7.000 HCP-110	26.0	0	6463		1450	377	0	
6.125	4.500 HCP-110	11.6	6327	11893		0	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	6293							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	7530	12000	7530 TO 12000			11 STAGE SYSTEM - OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
7530 TO 12000	FRAC W/1,045,973# 30/50 PREMIUM WHITE SAND PLUS 1,326 BBLs 20% NEFE ACID, PLUS 28,117 BBLs

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
10/12/2010	10/18/2010	24	→	183.0	166.0	442.0	42.8	0.91	ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	200	110.0	→	183	166	442	907	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	
	SI		→						

(See Instructions and spaces for additional data on reverse side)  
ELECTRONIC SUBMISSION #95406 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

ACCEPTED FOR RECORD  
NOV 11 2010  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

*SM*

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
				YATES	981
				SEVEN RIVERS	1202
				QUEEN	1713
				SAN ANDRES	2501
				GLORIETA	3997
				TUBB	5195
				ABO	5985
				WOLFCAMP	7176

32. Additional remarks (include plugging procedure):  
ELECTRIC LOGS WILL BE MAILED

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 #95406 Verified by the BLM Well Information System.  
For MURCHISON OIL & GAS INC, sent to the Carlsbad  
Committed to AFMSS for processing by CHERYLE RYAN on 10/21/2010 (11CMR0078SE)

Name (please print) ARNOLD NALL Title VICE PRESIDENT OPERATIONS

Signature (Electronic Submission) Date 10/20/2010

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.