

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other  
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,  
Other: \_\_\_\_\_2. Name of Operator  
MERRION OIL & GAS CORPORATION

3. Address 610 REILLY AVENUE, FARMINGTON, NM 87401

3a. Phone No. (include area code)  
505-324-5300

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

1070' FSL &amp; 813' FEL

At surface

At top prod. interval reported below

At total depth

14. Date Spudded  
08/23/200715. Date T.D. Reached  
08/30/200716. Date Completed 11/21/2007  
☐ D & A ☒ Ready to Prod.17. Elevations (DF, RKB, RT, GL)\*  
6157' GL18. Total Depth: MD 6355' KB  
TVD19. Plug Back T.D.: MD 6331' KB  
TVD20. Depth Bridge Plug Set: MD 5976' KB  
TVD

21. Type Electric &amp; Other Mechanical Logs Run (Submit copy of each)

GR/INDUCTION, DEN/NEUTRON, GR/CCL

22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit report)  
Directional Survey? ☐ No ☒ Yes (Submit copy)

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
12-1/4"	8-5/8", J55	24#	SURF	352.18' KB	-	230 SXS	48	SURFACE	NONE
7-7/8"	4-1/2", J55	11.6#	SURF	6348.11' KB	4177'	1260 SXS (2 STAGES)	375	SURFACE	NONE

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-3/8"	5314' KB							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Gallup	5007'	5250'	5007'-5250'	0.39"	31	Open
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
5007'-5250'	Fracd with 582 bbls (20# x-link "Dyna-Frac" 70 Q foam) (120,000# of 20/40 BASF 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
11-26-07			→	(NO TEST DATA)					
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					RECOVERING LOAD FLUID	

RCVD DEC 7 '07

OIL CONS. DIV.  
DIST. 3

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 page 2)

NMOCD

ACCEPTED FOR RECORD

DEC 13 2007  
FARMINGTON FIELD OFFICE  
BY T. Salazar

## 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 (Solid, 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
Gallup	5007'	5250'	Gas, Oil, Water	Ojo Alamo	384'
				Kirtland	453'
				FRUITLAND	1128'
				MAIN FRUITLAND COAL	1395'
				PICTURED CLIFFS	1432'
				LEWIS	1546'
				CLIFFHOUSE	2186'
				MENEFEE	2952'
				POINT LOOKOUT	3912'
				MANCOS	4162'
				GALLUP	4994'
				GRANEROS	5974'
				DAKOTA	6108'

32. Additional remarks (include plugging procedure):

## 33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)     
 ☐ Geologic Report     
 ☐ DST Report     
 ☐ Directional Survey  
☐ Sundry Notice for plugging and cement verification     
 ☐ Core Analysis     
 ☐ Other

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) STEVEN S. DUNN  
 Signature [Signature]

Title DRILLING & PRODUCTION MANAGER  
 Date 29 Nov 07

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.

(Continued on page 3)

(Form 3160-4, page 2)

2007/11/29