

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		2005 JUL 22 PM 11 53		5. Lease Serial No. NM-106649
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 <u>ADD PAY ZONE</u>		RECEIVED		6. If Indian, Allottee or Tribe Name
2. Name of Operator MERRION OIL & GAS CORPORATION OTO FARMINGTON				7. Unit or CA Agreement Name and No.
3. Address 610 REILLY AVENUE, FARMINGTON, NM 87401		3a. Phone No. (include area code) 505-324-5300		8. Lease Name and Well No. TWILIGHT ZONE No. 1
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 1850' FSL & 1850' FEL At top prod. interval reported below At total depth				9. AFI Well No. 30-039-23606
14. Date Spudded				10. Field and Pool, or Exploratory GAVILAN PICTURED CLIFFS
15. Date T.D. Reached				11. Sec., T., R., M., on Block and Survey or Area S12,T24N,R2W
16. Date Completed 04/21/2005 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.				12. County or Parish RIO ARriba 13. State NM
18. Total Depth: MD 8150' KB TVD		19. Plug Back T.D.: MD 8104' KB TVD 5168		17. Elevations (DF, RKB, RT, GL)* 6689' KB; 6675' GL
20. Depth Bridge Plug Set: MD TVD				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 report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GR/CBL				

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
12-1/4"	9-5/8"	40#		233' KB		125 sxs			
	5-1/2"	17#		8150'		375 sxs			

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"	3460' KB							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Pictured Cliffs	3447'	3490'	3447-3490'	0.34"	16	
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
3447'-3490'	Frac well with 92,000# of 20/40 Brady sand in 20# x-link gel. Total fluid pumped 344 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
	5-3-05	31 DAY	→		90	48			
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→		90	48			PUMPING

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
ACCEPTED FOR RE									
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate ➔	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
JUL 25 2005									

*(See instructions and spaces for additional data on page 2)

ACCEPTED FOR RECORD

JUL 25 2005

FARMINGTON FIELD OFFICE
BY smc
NMOC

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.)

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
				OJO ALAMO KIRTLAND FRUITLAND PICTURED CLIFFS LEWIS CLIFF HOUSE MENEFE POINT LOOKOUT MANCOS GALLUP GREENHORN GRANEROS DAKOTA TOTAL DEPTH	3090' 3290 3365' 3437' 3518' 5186' 5271' 5648' 5915' 6417' 7795' 7870' 7985' 8150'

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. DIINN

Title DRILLING & PRODUCTION MANAGER

Signature

Date

7/21/05

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.