Distribution: O+4 (BLM); 1-Well File; 1-Accounting; 1-Land

Form 3160-4
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
2003 JUN 19 PM 12: 44
070 Farmington, NM

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. SF-078309

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry Other
b. Type of Completion: ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr,.
Other Pay Add/Commingle

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
MERRION OIL & GAS CORPORATION

8. Lease Name and Well No.
FEDERAL 28 No. 2E

3. Address 610 Reilly Avenue
Farmignton,NM 87401

3a. Phone No. (include area code)
505-327-9801

9. API Well No.
30-045-26205

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface 1490' fsl & 790' fwl

At top prod. interval reported below

At total depth

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OIL CONS. DIV.
DIST. 3

10. Field and Pool, or Exploratory
Bisti Lower Gallup

11. Sec., T., R., M., on Block and Survey or Area 28-T25N-R9W

12. County or Parish San Juan

13. State New Mexico

14. Date Spudded 2/14/85

15. Date T.D. Reached 2/25/85

16. Date Completed ☐ D & A ☒ Ready to Prod. 5/22/03

17. Elevations (DF, RKB, RT, GL)* 6712' GL

18. Total Depth: MD 6541' TVD

19. Plug Back T.D.: MD 6712' GL TVD

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
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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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8"	24#		260'		295 cu.ft.			
7-7/8"	4-1/2"	10.5#		6526'		3797 cu.ft.			

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"	6414'							

25. Producing Intervals

Formation	Top	Bottom
A) Gallup	5366'	5634'
B)		
C)		
D)		

26. Perforation Record

Perforated Interval	Size	No. Holes	Perf. Status
5366'-5634'			

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

Depth Interval	Amount and Type of Material
5366'-5634'	Fraced down casing using 70 Quality nitrogen foam:Pumped 55 bbls foam pad @ 34 BPM, 3460-3380 psi. Pumped 36 bbls foam w/1 ppg sand @ 33 BPM, 3380 psi Pumped 49 bbls foam w/2 ppg @ 32 BPM, 3145-3450 psi. Pumped 62 bbls foam w/3 ppg sand @ 32 BPM, 3450-3200 psi Pmpd 38 bbls foam w/4 ppg sand @ 29 BPM, 3280-3480 psi. Displaced w/26 bbls foam @ 34 BPM, 3475-3350 psi.

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
5/23/03	6/2/03	24	→	7	50	4	40°(est.)		Pumping

Choke Size	Tbg. Press. Flwg. SI	Csg. Press. PSI	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status
---	SI 290	290	→	7	50	4	7143	Producing

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
			→					

ACCEPTED FOR RECORD
JUN 26 2003
FARMINGTON FIELD OFFICE
BY

(See instructions and spaces for additional data on reverse side)

NMOCD

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
Ojo Alamo		1015'			
Kirtland		1237'			
Fruitland		1636'			
Pic. Cliffs		1860'			
Lewis		2006'			
Cliffhouse		3525'			
Menefee		3555'			
Pt. Lookout		4308'			
Mancos		4602'			
Gallup		5343'			
Greenhorn		6245'			
Graneros		6300'			
Dakota		6338'			

32. Additional remarks (include plugging procedure):

Gallup commingled with Dakota interval.

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)*

Name *(please print)* Steven S. Dunn Title Drlg & Prod Manager

Signature Date 6/18/03

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.