

(November 1983)  
(Formerly 9-331)

DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
APPLICATION FOR PERMIT TO DRILL OR TO DEEPEN OR TO PLUG BACK TO A DIFFERENT RESERVOIR.

1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER

2. NAME OF OPERATOR

Merrion Oil & Gas Corporation

3. ADDRESS OF OPERATOR

P. O. Box 840, Farmington, New Mexico

4. LOCATION OF WELL (Indicate location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface

2310' FNL and 2310' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether DE, RT, OR, etc.)

6818' KB

5. LEASE DESIGNATION AND SERIAL NO.

NM 15646

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal 21

9. WELL NO.

2

10. FIELD AND POOL OR WILDCAT

Ojo Encino - Entrada

11. SEC., T., R., M., OR B.L. AND  
SURVEY OR AREA

Sec. 21, T 20N, R5W

12. COUNTY OR PARISH 13. STATE

McKinley

New Mexico

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

DRILL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETION

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON

SHOOTING OR ACIDIZING

ABANDONMENT

REPAIR WELL

CHANGE PLANT

Other

(Other) Request long term shut-in X

(Note: Report results of multiple completion on Well  
Completion or Recombination Report and Log form.)

17. DESCRIBE PROPOSED OR CONTINGENT OPERATIONS. Fully state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.

Request permission for long term shut-in of this well. The following is submitted for your consideration in accordance with the general requirements for non-producing wells on Federal leases.

A. Justification: This well is capable of oil production however due to existing market conditions we are unable to produce in paying quantities. Also, Merrion Oil & Gas is studying the feasibility of enhanced recovery in the Ojo Encino and other Entrada pools. Should such a project be undertaken it is imperative we keep all wellbores available for use as a potential injection or production well. Therefore, we ask for permission to shut-in long term rather than temporarily abandon the well.

B. Wellbore schematic is attached

THIS APPROVAL EXPIRES JAN 7 1989

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Operations Manager

DATE 1/6/89

Steven S. Dunn

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes 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.

44-1000

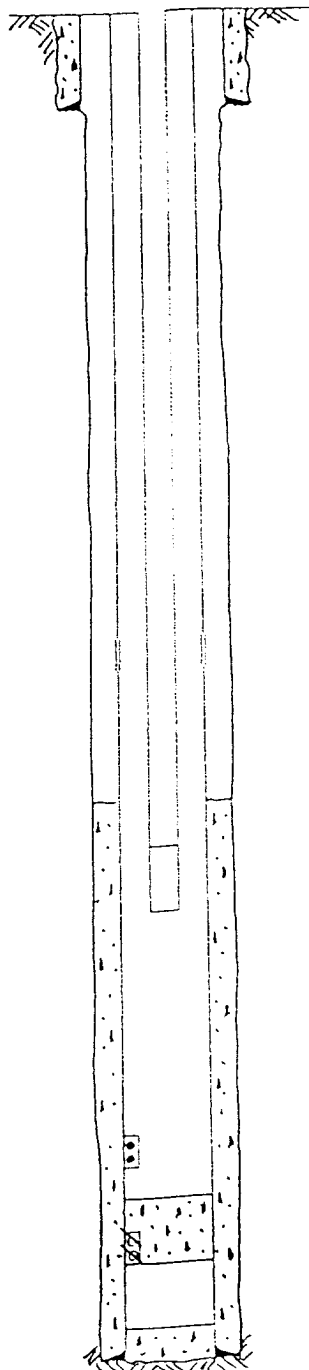
\* MERRION OIL & GAS \*

WELLBORE SCHEMATIC

Well: Federal 21 No 2  
Field: Ojo Encino Entrada

Location: 2310'FNL & 2310'FWL  
Sec. 21, T20N, R5W  
Mckinley Co, New Mexico

Elevation: 6.818' KB  
6.806' GL



TOC @ Surface  
Bit Size - 15"

10 3/4" 40.5# Surface @ 208' KB w/ 200sx

| Tops       | Depth |
|------------|-------|
| Cliffhouse | 898   |
| La Ventana | 1,390 |
| Menefee    | 1,865 |
| Pt Lookout | 2,787 |
| Mancos     | 2,918 |
| Gallup     | 3,580 |
| Dakota     | 4,960 |
| Entrada    | 5,911 |

Stage Tool @ 2,971'KB w/ No Cement

TOC @ 3,950'  
(by CBL)

Well Equip:

2 7/8" EUE Tbg ≈ 3,985'  
ESP @ 4,018'KB

Hole size - 8 3/4"

Entrada Perfs-  
5,910 - 5,915' w/2jspf

PBTD @ 5,926'KB  
5,934' - 5,944' w/ 2jspf  
squeezed off w/ cement

7" 23&26# Casing @ 6,126'KB w/ 475sx  
TD @ 6,150' KB

9/20/1988  
File: FED212.sch

Capacities: 2 7/8" Tbg - 0.00579 Bbl/Ft  
7" 26#Csg- 0.0383 Bbl/Ft  
Annulus - 0.3172 Bbl/Ft