

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

Form 3160-5  
(June 1990)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT--" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil ☐ Well Gas ☒ Well ☐ Other

2. Name of Operator

**Merrion Oil & Gas Corporation**

3. Address and Telephone No.

**610 Reilly Avenue, Farmington, NM 87401-2634**

**(505) 327-9801**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**791' fnl & 1100' fwl (nw nw)  
D Section 35, T27N, R13W**

5. Lease Designation and Serial No.

**NM-33047**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

**Hi Roll #4**

9. API Well No.

**30-045-23032**

10. Field and Pool, or Exploratory Area

**WAW Fruitland, PC**

11. County or Parish, State

**San Juan County,  
New Mexico**

12. CHECK APPROPRIATE BOX (s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other **Routine Fracturing**

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

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

13. Describe Proposed or completed Operations (Clearly 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.)\*

Merrion Oil & Gas proposes to fracture the Pictured Cliffs in the subject wellbore according to the attached procedure.

**RECEIVED**  
MAR 27 1998  
**OIL CON. DIV.**  
**DIST. 3**

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

Signed

**Connie S. Dinning**

Title

**Contract Engineer**

Date

**3/2/98**

(This space for Federal or State office use)

Approved By

**WAYNE TOWNSEND**

Title

**P.L. Eng.**

Date

**3-25-98**

Conditions of approval, if any:

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.

**NMOC**

# Merrion Oil & Gas Corporation

## Stimulation Procedure

February 5, 1998

<b>Well:</b>	<b>Hi Roll No. 4</b>	<b>Field:</b>	<b>WAW Fr-PC</b>
<b>Location:</b>	790' fnl & 1100' fwl (nw nw) Sec 35, T27N, R13W, NMPM San Juan County, New Mexico	<b>Elevation:</b>	<b>6063' RKB</b> <b>6058' GL</b>
		<b>By:</b>	<b>Connie Dinning</b>

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### Procedure:

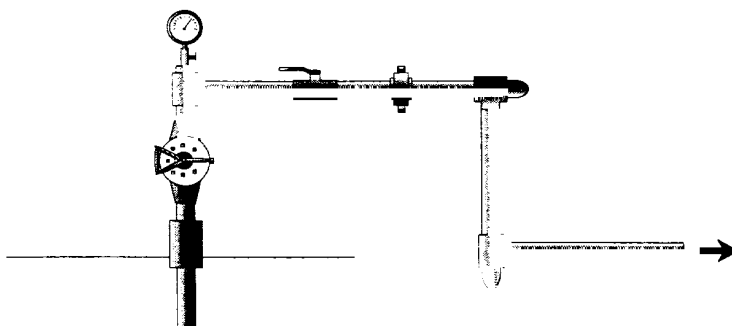
#### ***Prior to Move-in***

1. Check wellhead configuration and complete detail sketch of equipment.
2. Dig small workover pit (10' X10' X 6') to blow into while cleaning up.

#### ***Fracture Pictured Cliffs***

1. Move in, rig up JC Well Service pulling unit.
2. Lay casing vent line down wind. Stake down for use in clean out.
3. Open well to atmosphere and blow down. (see diagram next page)
4. Rig up BOPs & stripping head.
5. Unset 1 1/4" EUE tubing. Pick up additional 1 1/4" tubing, tag fill.
6. Tally out of hole.
7. RIH and clean out w/ bailer if fill is tagged above the perfs (bottom perf @ 1,299').
8. POH w/ tubing.
9. ND BOP & Companion Flange. RDMOL w/ JC Well Service.
10. Install master valve on 2-7/8" casing.
11. MIRU Stimulation Company.
12. RU flow back line with 1/2" positive choke.
13. Pump frac as detailed on attached procedure down 2-7/8".
14. RD stimulation equipment.
15. Open well to pit as soon as possible. Let flow back to clean up.
16. RIH w/ slickline to check for fill if necessary.
17. MIRU JC Well Service and re-run tubing. Flange up wellhead.
18. RDMO
19. Return well to production.

Flowback Line



# Merrion Oil & Gas Corporation

## Wellbore Schematic

### Hi Roll No. 4

#### Current Wellbore Configuration

Location: 790' fnl & 1100' fwl (nw nw)  
Sec 35, T27N, R13W, NMPM  
San Juan County, New Mexico

Date: Feb 5, 1998

Elevation: 6058' GL  
6063' RKB (assume 5' KB)

Prepared by: Connie S. Dinning

Tertiary

Ojo Alamo - ?

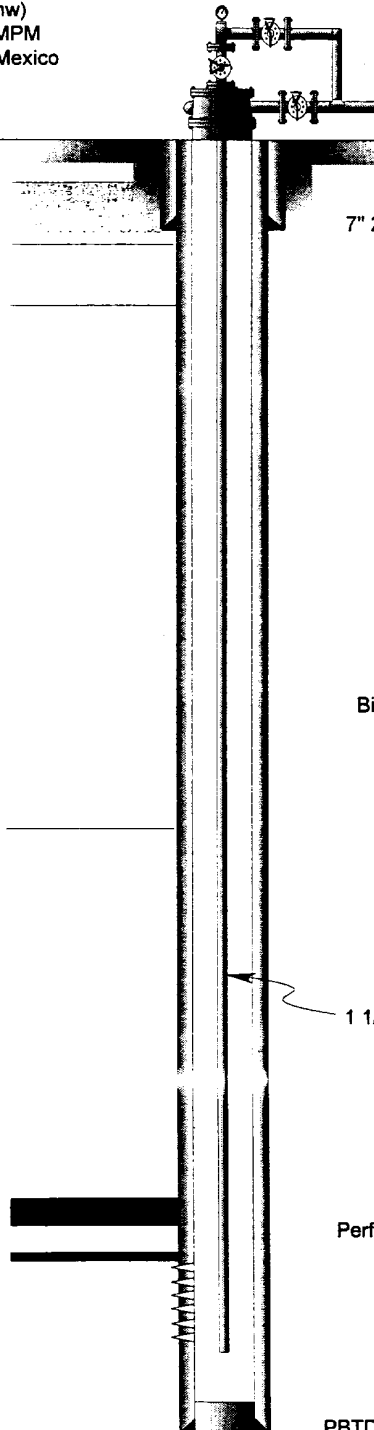
Farmington - ?

Kirtland - ?

Cretaceous

Fruitland - 802'

Pictured Cliffs -1270'



Top of Cmt @ Surface

Surface Bit Size - 9-3/4"

7" 23# Surface Csg @ 44' KB w/ 6 sx

Bit Size 5"

1 1/4" EUE Tubing @ 1303' GR

Perfs ... 1272-99' KB. w/ 2jspf (5/31/1978)

PBTD @ 1332'KB  
TD @ 1365'KB  
2-7/8" 6.4# EUE, 10V Production Csg @ 1355' w/ 150 sx