

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 Gas
☐ Well ☒ 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)

**1800' fnl & 1850' fwl
Section 12, T26N, R13W**

5. Lease Designation and Serial No.

SF-080238-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Chaco Ltd. #3

9. API Well No.

30-045-24612

10. Field and Pool, or Exploratory Area

WAW Fr./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 Frac, same zone**

☐ 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 re-perforate and frac the subject well in the PC (currently producing) according to the attached procedure.

RECEIVED
JAN 13 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

12/8/97

(This space for Federal or State office use)

Approved By

737 Duane W. Spencer

Title

Date

JAN - 9 1998

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.

NMOCD

Merrion Oil & Gas Corporation

Workover Procedure

December 4, 1997

Well:	Chaco Ltd. No. 3	Field:	WAW Fr-PC
Location:	1800' fnl & 1850' fwl (se nw) Sec 12, T26N, R13W, NMPM San Juan County, New Mexico	Elevation:	6,028' RKB 6,023' GL
		By:	Connie Dinning

Project:

Frac PC (originally natural completion)

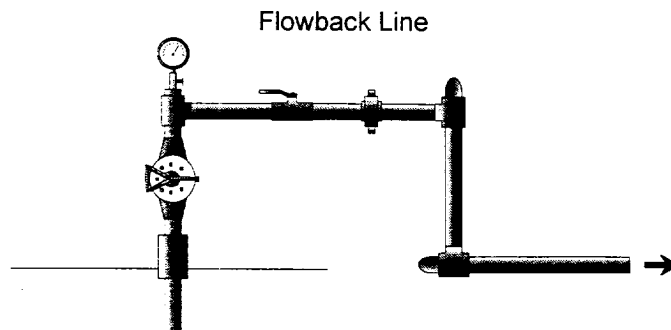
Procedure:

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 PC

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.
4. Rig up BOPs & stripping head.
5. Unset 1-1/2" tubing. Pick up additional 1-1/2" tubing, tag fill.
6. Tally out of hole.
7. RIH and clean out w/ Nitrogen if necessary.
8. POH w/ tubing.
9. RU Petro Wireline and run GR/cased hole neutron log.
10. Perforate PC interval (if necessary) as determined from logs.
11. RD Petro.
12. ND BOP & Companion Flange.
13. RDMOL w/ JC Well Service.
14. MIRU Stimulation Company. Install master valve on 2-7/8" casing.
15. RU flow back line with 1/2" positive choke.
16. Pump frac as detailed on attached procedure down 2-7/8".
17. RD stimulation equipment.
18. Open well to pit as soon as possible. Let flow back to clean up.
19. MIRU JC Well Service and re-run tubing. Flange up wellhead.
20. RDMO
21. Return well to production.



Merrion Oil & Gas Corporation
Wellbore Schematic

Chaco No. 3

Current Wellbore Configuration

Location: 1800' fnl & 1850' fwl (se nw)
Sec 12, T26N, R13W, NMPM
San Juan County, New Mexico
Date: December 2, 1997

Elevation: 6023' GL
6028' RKB

Prepared by: Connie S. Dinning

Tertiary

Ojo Alamo

Farmington

Kirtland - 340'

Cretaceous

Fruitland - 913'

Pictured Cliffs -1190'

Top of Cmt @ Surface, Both Strings

Surface Bit Size - 9-3/4"

7", 23# Surface Csg @ 93' KB w/ 35 sx

Bit Size 4-3/4"

1-1/4" Tubing @ 1194'KB (no tally or exact tubing info on file)

Perfs ... 1194-97' KB & 1204' - 10' w/ 2jspf (1/17/1981)
frac w/ 70Q foam and 15,000# 10/20 sanc (1/18/81)

PBTD @ 1254'KB
TD @ 1300'KB
2-7/8" 6.4# Production Csg @ 1284" w/ 85 sx 50/50 Poz,
35 neat w/ 2% CaCl₂