

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM 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 (14634)**

3. Address and Telephone No.

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

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

**790' fsl & 790' fwl (sw sw)****Section 5, T25N, R8W**

5. Lease Designation and Serial No.

**NM-47168**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

**Custer Federal No. 1**

9. API Well No.

**3004525974**

10. Field and Pool, or Exploratory Area

**Basin Fruitland**

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 (Temporary)☐ Recompletion☐ Plugging Back☐ Casing Repair☐ Altering Casing☒ Other **Add perfs/stimulate FC**☐ 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 (MOG) proposes to return the subject well to production. The date of last production was May 2002. Merrion had been reporting that the well was using gas on lease since that date. That was incorrect due to an error in our production reporting spreadsheet. The error has been reported to the MMS and we are in the process of correcting the reports. Our spreadsheet has been corrected and any future production will be reported correctly.**

**We propose to add perforations and stimulate the Fruitland Coal as per the attached procedure.**

## CONDITIONS OF APPROVAL

Adhere to previously issued stipulations.

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

Signed

**Connie S. Dinning**Title **Production Engineer**Date **8/3/2004**

(This space for Federal or State office use)

Approved By

**/s/ Joe Hawley**

Title

**Acting**

Date

**8-6-04**

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 statement or representations as to any matter within its jurisdiction.

NMOCD

# Merrion Oil & Gas Corporation

## Workover Procedure

August 2, 2004

<b>Well:</b>	Custer Federal No. 1	<b>Field:</b>	Basin Fruitland
<b>Location:</b>	790' fsl & 790' fwl Sec. 5, T25N, R8W, NMPM San Juan County, New Mexico	<b>Elevation:</b>	6,401' GR 6,414' KB
		<b>Prepared By:</b>	Connie Dinning

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### Procedure:

*Note: All Fluids to be 2% KCl based.*

### Prior to Move In

1. Check wellsite for anchors.
2. Dig and line pit or haul in rig pit.
3. Haul in 10 jts. 2 3/8" tubing.
4. Order in frac/test tank(s) w/ riser, working external gauges & two good 4" valves. Fill w/ 2% KCl city water or filtered water. Refer to frac job design for exact volume and number of tanks.

### Pull Tubing, Isolate Zone

1. MIRU workover rig.
2. TOH w/ 2 3/8" production tubing.
3. RIH w/ RBP, set @  $\pm 1845'$  KB. Dump 5' sand on top of RBP.
4. Load hole with 2% KCl water and pressure test to 3500 psi.
5. Spot 100 gal 15% HCl over perms 1819' – 1689' KB.
6. Pull tbg above acid and swab fl down to  $\pm 1000'$  KB.

### Perf & Frac Upper Fruitland Coal

1. Perforate Upper Fruitland Coal with 3 1/8" casing gun, w/ one select fire shot per foot per Custer Federal No. 1 Density Neutron Log dated 6/5/84 as follows:  
  
1677', 1692', 1703', 1704', 1714', 1731', 1735', 1739', 1745', 1752', 1761', 1767', 1781',  
1784', 1796', 1798', 1809', 1812', 1819'; **19 total holes.**
2. RD wireline.
3. Install wellhead isolation tool.
4. RU frac crew. Fracture stimulate the Upper Fruitland Coal formation with Halliburton Delta frac fluid and 60,000 lbs. of 20/40 mesh Brady sand (detail design to be provided).
5. Shut well in. RU flowback manifold to test tank. SI well for  $\pm 4$  hrs to allow gel to break.
6. Blow back on 1/4" positive flow choke, and flow well to clean up.

### ***Test Upper Fruitland Coal***

1. TIH w/ 2-3/8" tbg, clean out sand to RBP.
2. Run production tubing string with MA, SN. Land production tubing with top of MA at or below bottom of Upper Fruitland Coal perms at approximately 1835' KB (Bottom perf @ 1819' KB).
3. Nipple down BOPs. Pick up 1 1/4 " pump and run in hole on rods as follows:

73 ea. 3/4" plain

5. Load tbg w/ water and check pump action before RD.
6. RD & MOL. Report production until Upper Fruitland Coal test is complete.

### ***Release RBP and Run Production String***

1. Haul in 20 jts. 2 3/8" tubing.
2. MIRU workover rig. TOH w/ rods and pump.
3. NDWH, NU BOP's.
4. Check for fill and clean out to RBP.
5. TIH w/ retrieving head and latch on to RBP. TOH, LD RBP.
6. TIH and continue cleaning out well down to  $\pm 2500$  (as deep as tbg on location allows).
7. Run production tubing string with MA, SN. Land production tubing with top of MA at or below bottom of Lower Fruitland Coal perms at approximately 1970' KB (Bottom perf @ 1954' KB).
8. Nipple down BOPs. Pick up 1 1/4 " pump and run in hole on rods as follows:

79 ea. 3/4" plain

7. Load tbg w/ water and check pump action before RD.
8. RD & MOL. Report production for two weeks.

# Merrion Oil & Gas Corporation Wellbore Schematic

## Custer Federal #1

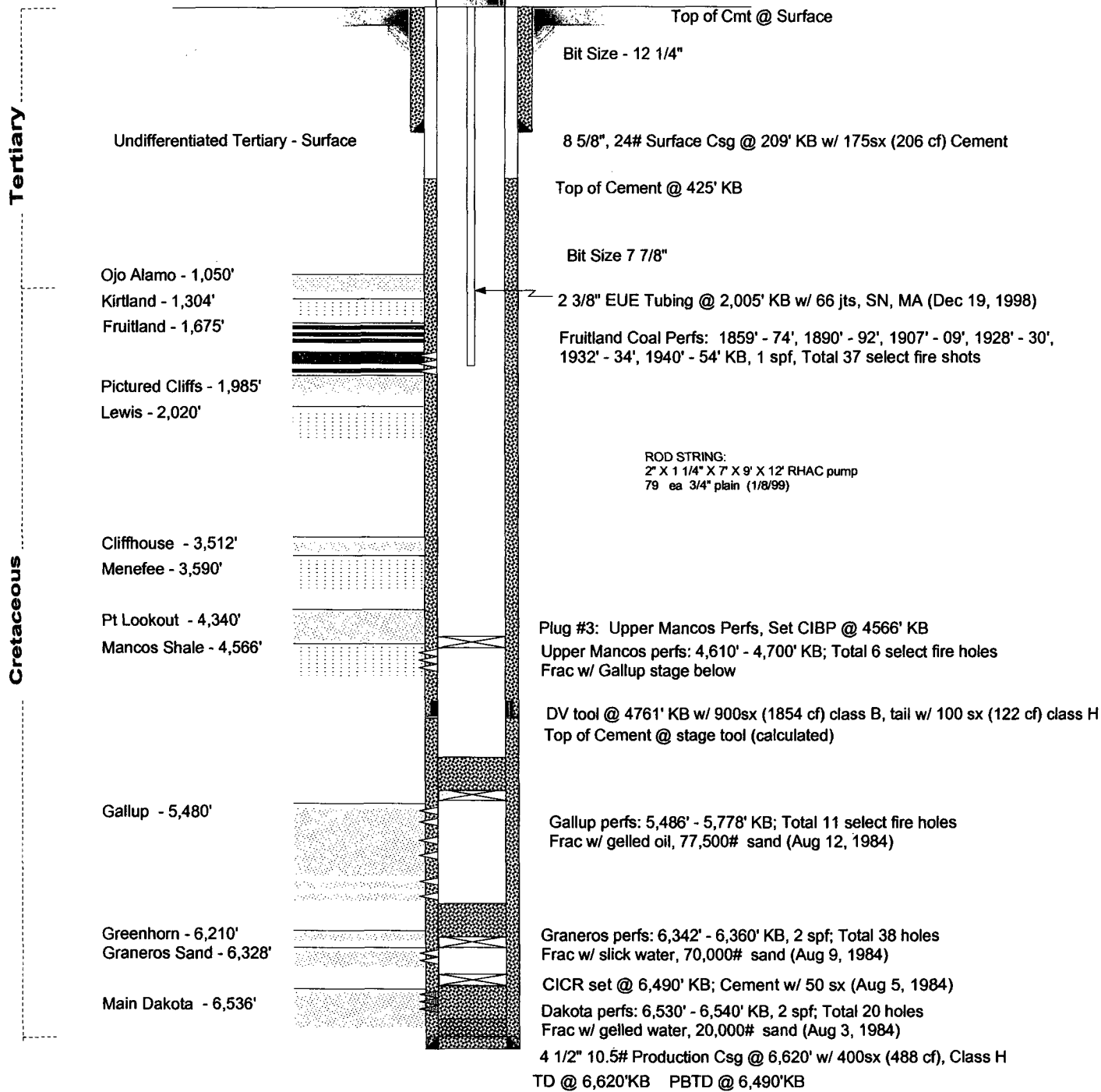
### Current Wellbore Configuration

Location: 790' fsl & 790' fwl (sw sw)  
Sec 5, T25N, R8W NMPM  
San Juan Co, New Mexico

Prepared: 7/21/04

Elevation: 6,401' GL  
6,414' RKB

By: Connie Dinning



SPUD: May 29, 1984  
COMPLETED: Sep 6, 1984

# Merrion Oil & Gas Corporation Wellbore Schematic

## Custer Federal #1

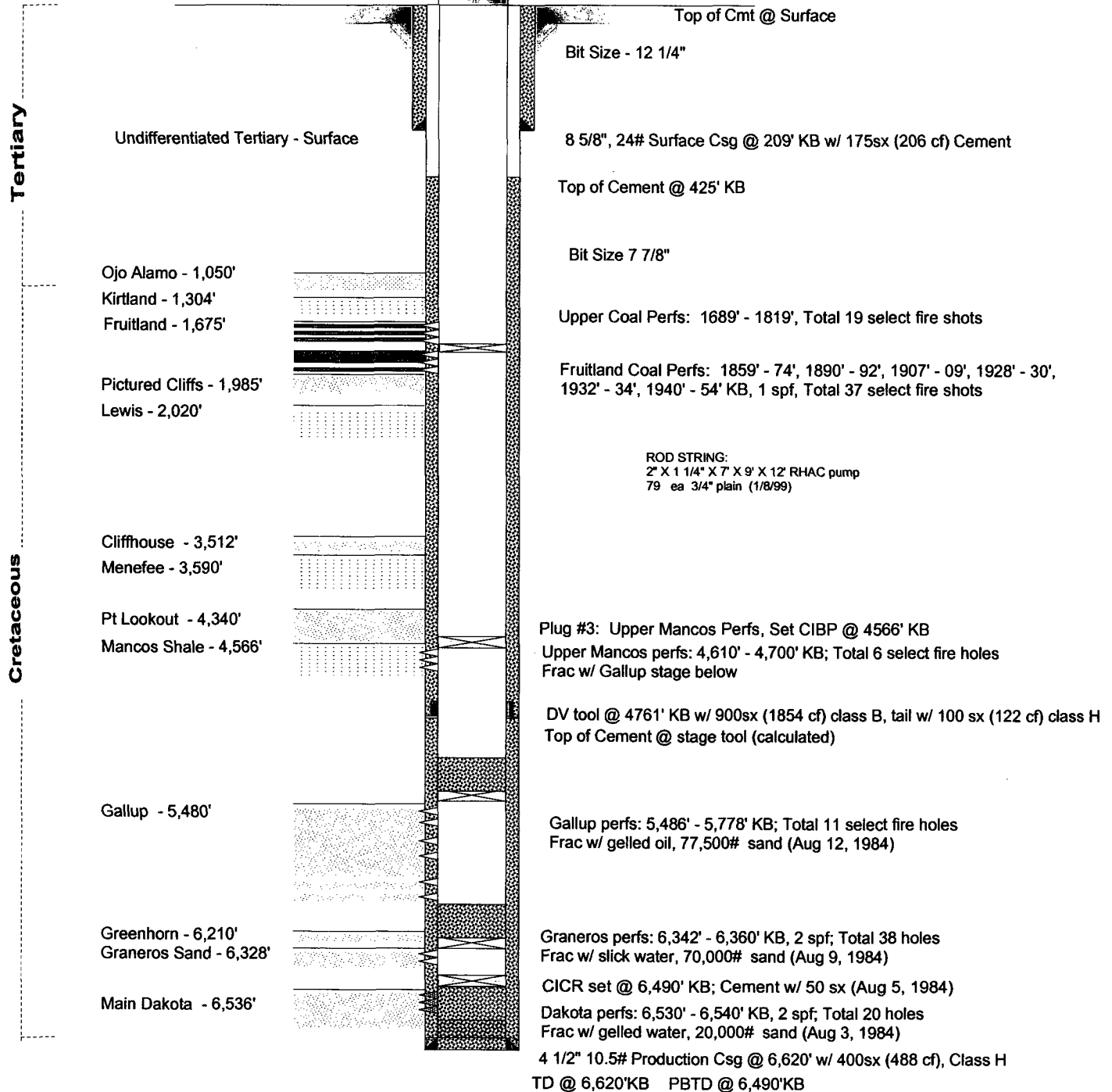
### Proposed Wellbore Configuration

Location: 790' fsl & 790' fwl (sw sw)  
Sec 5, T25N, R8W NMPM  
San Juan Co, New Mexico

Prepared: 7/21/04

Elevation: 6,401' GL  
6,414' RKB

By: Connie Dinning



SPUD: May 29, 1984  
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