

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

RECEIVED
BLM

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 (14634)

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)

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 #1

9. API Well No.

30-045-25974

10. Field and Pool, or Exploratory Area

Dufers Pt. Gallup/DK

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	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input checked="" type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input checked="" type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other _____	<input type="checkbox"/> 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 recomplete the subject well in the Fruitland Coal as per the attached procedure.

THIS APPROVAL EXPIRES MAY 01 1999

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

Signed

Connie S. Dinning

Title Contract Engineer

Date 12/1/98

(This space for Federal or State office use)

Approved By

JS/Duane W. Spence

Title

Date

DEC - 2 1998

Conditions of approval, if any:

Merrion Oil & Gas Corporation

Recompletion Procedure

December 1, 1998

Well:	Custer Federal No. 1	Field:	Dufers Pt Gallup/Dakota
Location:	790' fsl & 790' fwl (sw sw) Sec. 5, T25N, R8W, NMPM San Juan County, New Mexico	Elevation:	6401' GR 6414' KB
		By:	Connie Dinning

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.33 ppg, sufficient to balance all exposed formation pressures.

Plug Back to Fruitland Coal:

1. MIRU A+ Well Service. Comply to all NMOCD, BLM and Merrion safety regulations.
2. Load casing w/ water. POH w/ tubing and RIH w/ CIBP, set @ 6300' KB.
3. Plug #1 (Graneros perforations and top @ 6328'): Mix 11 sx (13 cu. ft) Class B cement and spot 100' plug on top of CIBP. POH.
4. Plug #2 (Gallup perforations and top @ 5480'): RIH w/ second CIBP and set @ 5470' KB. Mix 11 sx (13 cu. ft) Class B cement and spot 100' plug on top of CIBP. POH.
5. Plug #3 (Upper Mancos perforations and top @ 4566'): RIH w/ third CIBP and set @ 4566' KB. Mix 11 sx (13 cu. ft) Class B cement and spot 100' plug on top of CIBP. Pull up to 4,000' and circulate clean. WOC.
6. Notify BLM to witness pressure test. Pressure test to 500 psi, record on pressure chart and hold for 15 min.

Recomplete in Fruitland Coal:

1. RU flowback line with ½" positive choke. Set surface equipment.
2. Pressure test casing to 3000 psi.
3. MIRU wireline company and perforate Fruitland Coal as follows: 1859' – 74', 1890' – 92', 1907' – 09', 1928' – 30', 1932' – 34', 1940' – 54' KB, 1 spf, Total 37 select fire shots.
4. MIRU frac company, spearhead 250 gal 15% HCl w/ corrosion inhibitor, non-emulsifying surfactant and bactericide. Frac w/ 20# crosslinked base gel w/ 70 quality foam at 30 BPM and 80,000# 20/40 mesh Arizona sand as per detailed frac schedule. Do not exceed 3000 psi.
5. Flow back through ½" choke until well dies.
6. RIH w/ 2 3/8" tubing, if necessary CO w/ hydrostatic bailer. Land 2 3/8" production string @ ≈2000' KB w/ SN, PS and open ended MA on bottom.
7. Run rods and pump, put on to production.

Merrion Oil & Gas Corporation Wellbore Schematic

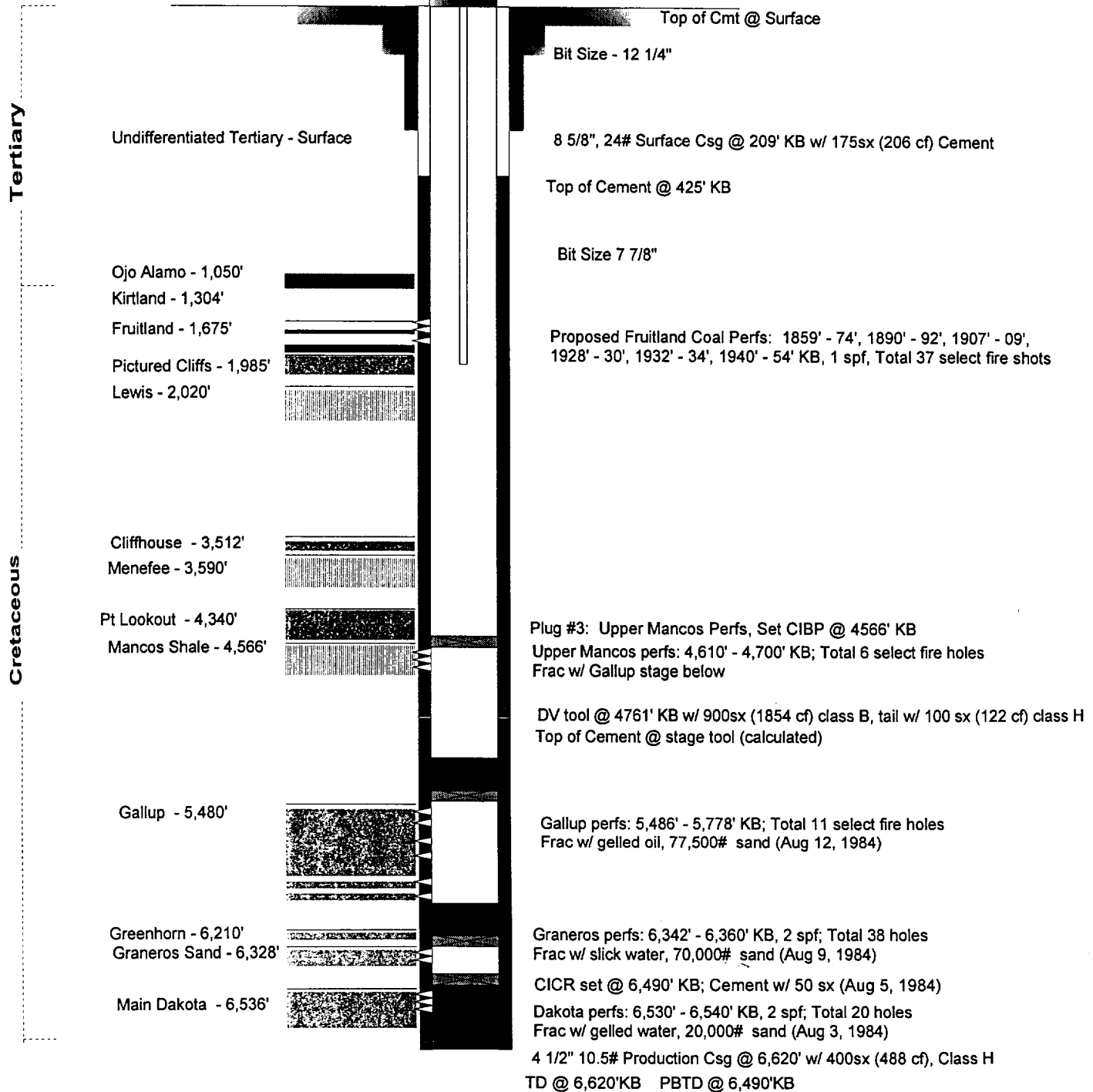
Custer Federal #1

Proposed Wellbore Configuration

Location: 790' fsl & 790' fwl (sw sw)
Sec 5, T25N, R8W NMPM
San Juan Co, New Mexico
Prepared: 10/15/98

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

By: Connie Dinning



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