

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 ☐ Gas ☒  
Well ☐ Well ☒ Other ☐

2. Name of Operator

Merrion Oil &amp; 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)

B 990' fnl & 1750' fel (nw ne)  
Section 20, T25N, R8W

5. Lease Designation and Serial No.

SF-078474

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Keeling Federal No. 1

9. API Well No.

30-045-05299

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

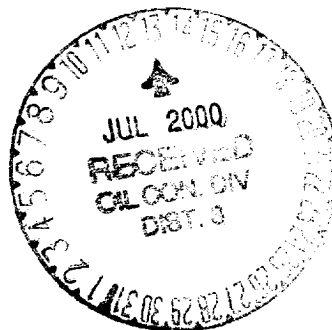
☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment Notice

## TYPE OF ACTION

☒ Abandonment☐ Recompletion☐ Plugging Back☐ Casing Repair☐ Altering Casing☐ Other \_\_\_\_\_☐ 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 &amp; Gas proposes to plug and abandon the subject well according to the attached procedure.



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

Signed

Connie S. Dinning

Title Engineer

Date 5/4/00

(This space for Federal or State office use)

Approved By

Title

Date 7/11/00

Conditions of approval, if any:

**Merrion Oil & Gas Corporation**  
**Plug & Abandon Procedure**  
May 4, 2000

<b>Well:</b>	Keeling Federal No. 1	<b>Field:</b>	Dufers Pt. Gallup/Dak
<b>Location:</b>	990' fnl & 1750' fel (nw ne) Sec. 20, T25N, R8W, NMPM San Juan County, New Mexico	<b>Elevation:</b>	6,515' GR 6,526' KB
		<b>By:</b>	Connie Dinning

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**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.**

1. Comply with all NMOCD, BLM and Merrion safety regulations.
2. Load casing w/ water. Tally out of hole w/ tubing and TIH w/ CICR on wireline, set @  $\pm 5384'$ .
3. Plug #1 (Dakota, Greenhorn & Gallup tops and perms, 5384' - 6570'): Mix 200 sx (237 cu. ft) Class B cement, 50% excess, long plug. Sting into retainer and pump a balanced plug inside and outside pipe to cover 50' above Gallup top and perms (also covers Dakota, Greenhorn tops and perms). POH.
4. RIH w/ wireline and perforate 2 shots @ 2853' KB.
5. RIH w/ wireline and set CICR @ 2753' KB.
6. Plug #2 (Mesaverde top, 2753' - 2853'): Mix 47 sx (55 cu. ft) Class B cement and pump a balanced plug inside and outside pipe to cover Mesaverde top. POH.
7. RIH w/ wireline and perforate 2 shots @ 1952' KB.
8. RIH w/ wireline and set CICR @ 1579' KB.
9. Plug #3 (Pictured Cliffs and Fruiltand tops 1579' - 1952'): Mix 158 sx (186 cu. ft.) Class B cement and pump a balanced plug inside and outside pipe to cover Pictured Cliffs and Fruiltand tops. POH'.
10. RIH w/ wireline and perforate 2 shots @ 1290' KB.
11. Plug #4 (Ojo Alamo top 1190' - 1290'): Mix 47 sx (55 cu. ft.) Class B cement and pump a balanced plug inside and outside pipe cover Ojo Alamo top. POH to  $\pm 201'$ . WOC. Tag Ojo plug.
12. Plug #5 (Surface - 201'): Perforate 2 holes @  $\pm 201'$ . Establish circulation out bradenhead valve. Mix 87sx (103 cu. ft) Class B cement and pump down 5 1/2" casing, circulate good cement out bradenhead valve. Shut in well and WOC.
13. ND BOP and cut off casing below surface. Install P&A marker with cement to comply with regulations. RDMOL, cut off anchors and restore location.
14. Restore location per BLM stipulations.

# Merrion Oil & Gas Corporation Wellbore Schematic

## Keeling Federal #1

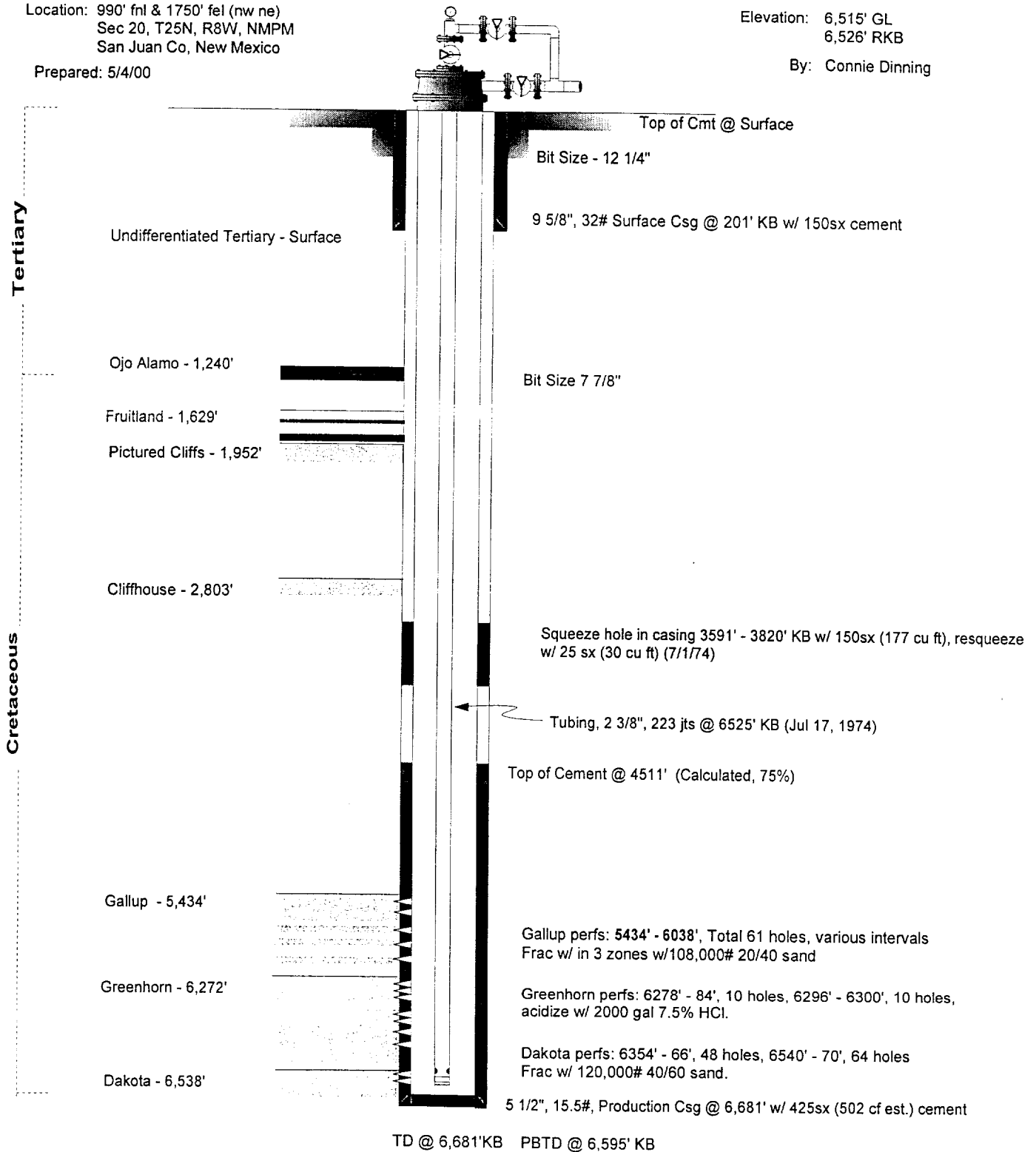
### Current Wellbore Configuration

Location: 990' fnl & 1750' fel (nw ne)  
Sec 20, T25N, R8W, NMPM  
San Juan Co, New Mexico

Prepared: 5/4/00

Elevation: 6,515' GL  
6,526' RKB

By: Connie Dinning



# Merrion Oil & Gas Corporation

## Wellbore Schematic

### Keeling Federal #1

#### Proposed Plugged Wellbore Configuration

Location: 990' fnl & 1750' fe! (nw ne)  
Sec 20, T25N, R8W, NMPM  
San Juan Co, New Mexico

Prepared: 5/4/00

Elevation: 6,515' GL  
6,526' RKB

By: Connie Dinning

