

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 **Disposal**

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)

**460' fsl & 800' fcl (SESE)
Section 11, T19N, R04W**

5. Lease Designation and Serial No.
NM-24961

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
EMU No. 4

9. API Well No.

30-043-20187

10. Field and Pool, or Exploratory Area

SWD; Gallup

11. County or Parish, State

**Sandoval 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 Well 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 Corporation proposes to Plug & Abandon this well as follows:

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

1. Install and test location rig anchors. Prepare blow pit. Comply to all NMOCD, BLM, and Merrion safety regulations.
2. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line. Check well pressures; monitor casing pressure while pumping plug #1.

CONTINUED OTHER SIDE

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

Signed Connie Dinning Title Engineer

(This space for Federal or State office use)

Date 3/1/96

APPROVED

Approved by _____
Conditions of approval, if any:

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

Date MAR 06 1996

DISTRICT MANAGER

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 statement or representations as to any matter within its jurisdiction.

NMOCD

3. Plug #1 (Gallup perforations and top, 3596' - 2950'): Pump 30 bbls water down tubing to establish rate into Gallup perforations. Mix and pump down 3-1/2" tubing 98 sacks Class B cement (50% excess, long plug); displace to 2950' with water into the Gallup perforations. Shut in well and WOC.
4. Pressure test tubing to 1000#. RIH with gauge ring and tag cement inside 3-1/2" tubing. Jet cut 3-1/2" tubing approximately 10' above cement top. ND wellhead and NU BOP; test. Pick up 3-1/2" tubing to insure it is free. Establish circulation to surface. If tubing did not pressure test then POH and replace all bad joints or PU a 2" workstring.
5. Plug #2 (3-1/2" tubing stub, 3000' - 2900'): Mix 17 sxs Class B cement and spot a balanced plug inside 5-1/2" casing to cover 3-1/2" tubing stub. POH to 2260'.
6. Plug #3 (Point Lookout, 2260' - 2160'): Mix 17 sxs Class B cement and spot balanced plug inside casing from 2260' to 2160' over Point Lookout top. POH to 460'.
9. Plug #4 (Mesaverde top and Surface): Mix approximately 52 sxs Class B cement and spot a balanced plug from 460' to surface inside 5-1/2" casing, circulate good cement out casing valve. POH and LD 3-1/2" tubing. Shut in well and WOC.
10. ND BOP and cut off wellhead below surface casing. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

EAGLE MESA UNIT #4 SWD

Current

Injection Well Into Gallup

460' FSL & 800' FEL

SE, Section 11, T-19-N, R-4-W, Sandoval County, NM

Today's Date: 2/18/96

Spud: 9/19/75

Completed: 10/1/75

Lewis @ Surface

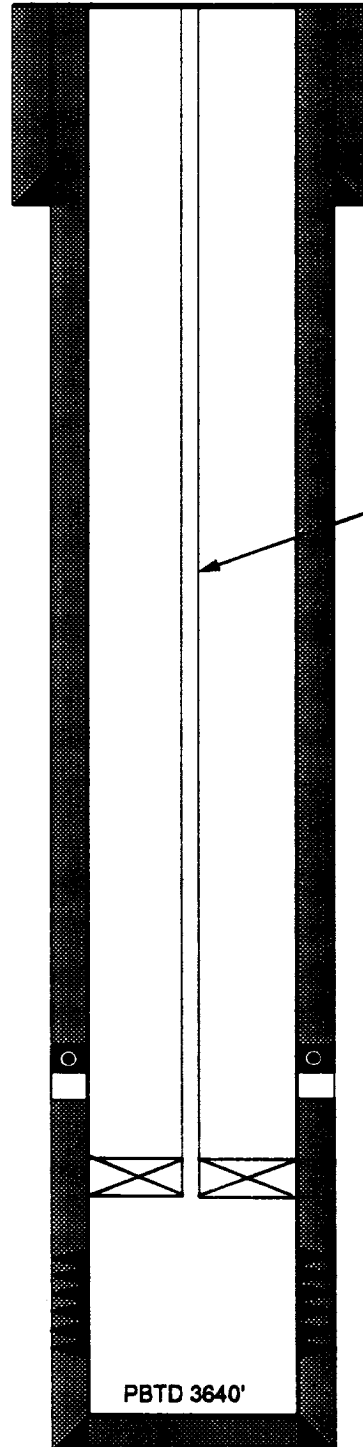
12-1/4" hole

Mesaverde @ 410'

Point Lookout @ 2210'

Gallup @ 3044'

7-7/8" hole



Circulated to surface

8-5/8" 23#, Csg set @ 229'
Cmt w/150 sxs (Circulated to Surface)

3-1/2" tbg @ 3020' w/ Guiberson Uni 6 Packer

DV Tool @ 2960'
Cmt w/ 719 cf

Top of Cement @ 3004' (Calc, 80%)

Gallup Perforations: 3048' - 3596'

5-1/2" 15.5#, Csg set @ 3685'
Cmt w/ 125 sxs

PBTD 3640'

TD 3685'

EAGLE MESA UNIT #4 SWD

Proposed P & A
Injection Well Into Gallup
460' FSL & 800' FEL

SE, Section 11, T-19-N, R-4-W, Sandoval County, NM

Today's Date: 2/18/96

Spud: 9/19/75

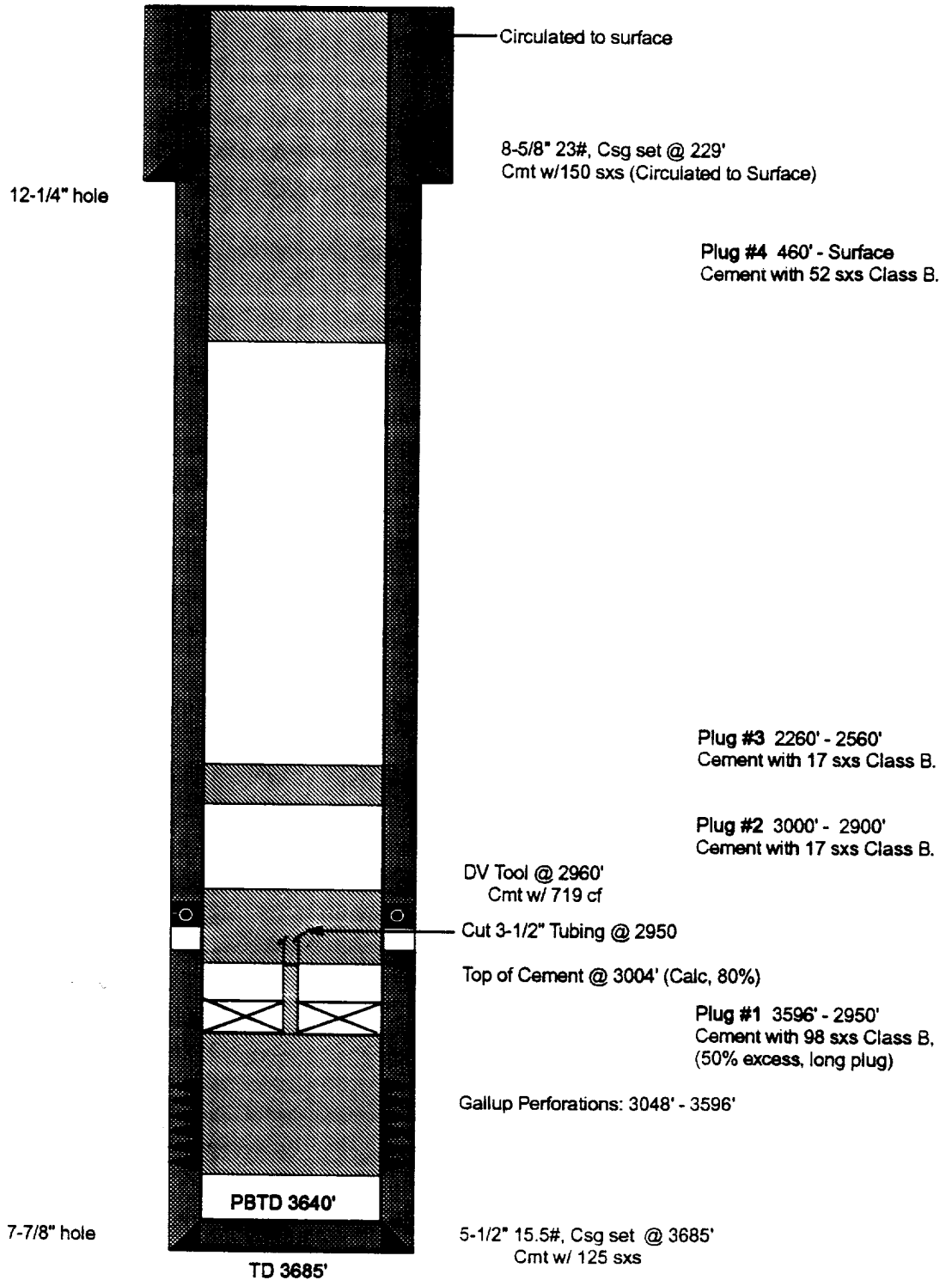
Completed: 10/1/75

Lewis @ Surface

Mesaverde @ 410'

Point Lookout @ 2210'

Gallup @ 3044'





United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Farmington District Office
1235 La Plata Highway
Farmington, New Mexico 87401

**Attachment to Notice of
Intention to Abandon**

**Re: Permanent Abandonment
Well: 4 Eagle Mesa Unit**

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Leases."
2. **Rio Puerco Resource Area Office** is to be notified at least 24 hours before the plugging operations commence (505) 761-8704.
3. The following modifications to your plugging program are to be made (when applicable):
 - 1) Load annular space between the 3 1/2" tubing and the 5 1/2" casing. Establish an injection rate into the perforations. Pump adequate water to ensure tubing integrity before pumping the cement.