

Distribution:

Orig+4 (BLM); 1-Crystal; 1-Accounting; 1-Well File

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

3. Address and Telephone No.

P. O. Box 840, Farmington, New Mexico 87499

(505) 327-9801

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

790' FNL & 790' FWL
Section 29, T25N, R9W

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

SE-078309

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Brannon Federal #2

9. API Well No.

30-045-05240

10. Field and Pool, or Exploratory Area

Basin Dakota

11. County or Parish, State

San Juan,
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 plans to Plug & Abandon the above referenced well, attached is the plugging procedure.

070 FARMINGTON, NM

JUN 24 AM 6:30

RECEIVED
BLM

JUL 9 1994
OIL CON. DIV.
DIST. 3

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

Signed

Title

Operations Manager

Date

6/23/94

(This space for Federal or State office use)

Steven S. Dunn

Approved by

Conditions of approval, if any:

Title

APPROVED
AS AMENDED

JUN 28 1994

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.

*See instruction on Reverse Side

NMOM

June 10, 1994

MERRION OIL AND GAS

BRANNON FED #2 (Dk)

PLUG AND ABANDONMENT PROCEDURE:

(Cement volumes use 100% excess outside pipe and 50' inside;
an 8.3 ppg plugging fluid exceeds the exposed reservoirs' pressure)

1. Install and/or test rig anchors. Prepare blow pit. Comply to all NMOCD, BLM and Merrion safety rules and regulations.
2. MOL and RUSU. Blow well down; kill with water if necessary. ND wellhead and NU BOP and stripping head; test BOP.
3. POH and tally 2 - 3/8" tubing (6391'). Visually inspect tubing and LD if necessary.
4. **Plug #1 (Dakota perms):** RIH with open ended tubing to 6460' or as deep as possible. Pump 25 bbls water. Mix 27 sxs Class B cement and spot a balanced plug from 6460' - 6320'. POH to 5000' and WOC. RIH and tag cement. POH to 5380'.
5. **Plug #2 (Gallup top):** Load well with water and circulate clean. Mix 12 sxs Class B cement and set a balanced plug from 5380' to 5280'. POH to 3490'.
6. **Plug #3 (Mesaverde top):** Mix 12 sxs Class B cement and spot balanced plug from 3490' to 3390'. POH with tubing.
7. **Plug #4 (PC & Ft tops):** Pressure test casing to 500#. Perforate 4 holes at 1930'. Establish rate into squeeze holes if casing tested. PU 4-1/2" cement retainer and RIH; set at 1880'; pressure test tubing to 1000#; establish rate into squeeze holes. Mix 195 sxs Class B cement and squeeze 160 sxs cement outside casing from 1930' to 1520' and spot 35 sxs cement inside casing. POOH with setting tool.
8. **Plug #5 (Kt & OA):** Pressure test casing to 500#. Perforate 4 squeeze holes at 1259'. Establish rate into squeeze holes if casing tested. PU 4-1/2" cement retainer and RIH; set at 1200'. Mix 160 sxs Class B cement and squeeze 130 sxs outside casing from 1259' to 925' and spot 30 sxs cement inside casing. POH and LD tubing and setting tool.
9. **Plug #6 (Surface):** Perforate 2 squeeze holes at 419'. Establish circulation out bradenhead valve. Mix approximately 120 sxs Class B cement and circulate good cement from 419' to surface inside 4 1/2" casing. Shut in well and WOC.
10. ND BOP and cut off well head below surface casing flange. Install P&A marker and fill casing with cement. RD and MOL. Cut off anchors.
11. Restore location per BLM stipulations.

EXISTING WELL

BRANNON FED #2 (Dk)
NW, Sec. 29, T25N, 9W
San Juan County, NM

10 JUNE 94

CEMENT
CIRCULATED
SURFACE

8-5/8" 24# @ 369'
(266 cf cement)

ELEV 6694' GL
Spud 8-30-65
Completed 9-21-65

OA @ 975'

Kt @ 1209'

FT @ 1570'

PC @ 1880'

TOC @ 2600'
(Cal. 75%)

MV @ 3440'

GI @ 5330'

Dk @ 6370'

PBTD 6460'

TD 6495'

2-3/8" EUE TUBING @ 6391'

Dk Perfs 6372' - 6410'

4-1/2" 10.5# @ 6495'
(1200 cf cement)

PROPOSED
PLUGGED WELL

BRANNON FED #2 (Dk)
NW, Sec. 29, T25N, 9W
San Juan County, NM

10 JUNE 94

