

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 (505) 327-9801

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

660' fnl & 660' fwl (nw nw)
Section 7, T26N, R11W

5. Lease Designation and Serial No.

SF-078897A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Western No. 3

9. API Well No.

30-045-05986

10. Field and Pool, or Exploratory Area

Gallegos Gallup

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

☐ Notice of Intent☐ Subsequent Report☒ Final Abandonment Notice☐ Abandonment (Temporary)☐ Recompletion☐ Plugging Back☐ Casing Repair☐ Altering Casing☒ Other Change in Procedure☐ Change of Plans☐ New Construction☐ Non-Routine Fracturing☐ Water Shut-Off☐ Conversion to Injection☐ Dispose Water

(Note: Report results of multiple completion or 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 amend the plugging procedure for the subject well incorporating the BLM changes and recommendations from the P&A Company according to the attached procedure.

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

Signed Connie S. DrinningTitle Production EngineerDate 8/26/02

(This space for Federal or State office use)

Approved By Original Signed: Stephen Mason
Conditions of approval, if any:

Title

Date

8/29/02

AMOC

PLUG & ABANDONMENT PROCEDURE

8/20/00

Western #3

Blanco Mesaverde

With BLM Changes

660' FNL and 660' FWL, Section 7, T-26-N, R-11-W
San Juan Co., New Mexico

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 with all NMOCD, BLM, and Merrion safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and kill with water as necessary. ND wellhead and NU BOP. Test BOP. TOH and tally 2-3/8" tubing, 5248'. Round trip a 5-1/2" gauge ring or casing scraper to 4975'.
2. **Plug #1 (Gallup perforations, 4975' – 4925')**: TIH with a 5-1/2" cement retainer and set at 4975'. Pressure test tubing to 1000#. Load casing with water and circulate clean. Pressure test casing to 800#. If casing does not test, then spot or tag subsequent plug as appropriate. Mix 12 sxs cement and spot a balanced plug inside to isolate the Gallup perforations. PUH to 4227'.
3. **Plug #2 (7-5/8" casing shoe and 5-1/2" liner top, 4227' – 4055')**: Mix 37 sxs cement and spot a balanced plug to cover the casing shoe and liner top. TOH with tubing. PT the casing to 800#.
4. **Plug #3 (Mesaverde top, 2325' – 2225')**: Perforate 3 HSC squeeze holes at 2325'. Establish rate into squeeze holes if the casing tested.
 - If the casing tested and you are able to establish a rate into the squeeze holes, then TIH with tubing to 2325'. Mix 71 sxs cement and spot in the 7-5/8" casing, then PUH to 1500' and squeeze 37 sxs outside the 7-5/8" casing and leave 34 sxs inside. WOC and then TIH and tag the cement.
 - If the casing does not test before perforating at 2325', then set 5-1/2" CR at 1500'; mix and pump 246 sxs, squeeze 221 sxs below the CR with 37 sxs outside the 7-5/8" casing, and leave 25 sxs above the CR in the 5-1/2" casing. This accomplishes plug #4, go to Step 6.
5. **Plug #4 (5-1/2" casing shoe and Pictured Cliffs top, 1561' – 1335')**: Mix 38 sxs cement and spot a balanced plug to cover the 5-1/2" casing shoe and PC top. TOH with tubing.
6. **Plug #5 (Fruitland top, 1190' – 1090')**: Perforate 3 HSC squeeze holes at 1190'. Establish rate into squeeze holes if the casing tested. Set a 5-1/2" cement retainer at 1040'. Establish rate into squeeze holes. Mix and pump 80 sxs cement, squeeze 63 sxs outside the 7-5/8" casing and leave 17 sxs inside to cover the Fruitland top. TOH and LD the tubing.
7. **Plug #6 (Ojo Alamo top and surface, 470' - Surface)**: Perforate 3 HSC squeeze holes at 470'. Establish circulation out bradenhead valve with water. Mix approximately 300 sxs cement and pump down the 5-1/2" casing, circulate cement out the bradenhead valve. Shut in well WOC.
8. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.