

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

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

SWD

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)

805' fsl & 530' fwl (sw sw)

Section 9, T24N, R6W

5. Lease Designation and Serial No.

SF-078877

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Canyon Largo Unit #125

9. API Well No.

30-039-05535

10. Field and Pool, or Exploratory Area

Devils Fork Mesaverde

11. County or Parish, State

**Rio Arriba 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

☐ 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 & Gas proposes to plug and abandon the subject well according to the attached procedure.

RECEIVED
JUN 4 1998
OIL CON. DIV.
DIST. 3

070 FARMINGTON, NM

98 MAY 28 PM 12:49

RECEIVED

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

Signed

Connie S. Dinning

Title **Contract Engineer**

Date **5/27/98**

(This space for Federal or State office use)

Approved By

AS/ Eugene W. Spencer

Title

Date

JUN - 2 1998

Conditions of approval, if any:

PLUG & ABANDONMENT PROCEDURE

5-22-98

Canyon Largo Unit #125
Devils Fork Gallup
805' FSL & 530' FWL / SW Section 9, T-24-N, R-6-W
Rio Arriba 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 rig anchors. Prepare blow pit. Comply with all NMOCD, BLM and Merriam safety rules and regulations.
2. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line to blow well down; kill with water as necessary. ND wellhead and NU BOP and stripping head; test BOP.
3. PU on tubing and remove donut then release Baker Model "A" tension packer. POH and tally (4.7#, plastic lined at 3598'); LD packer. Round-trip 4-1/2" gauge ring to 3580'.
4. **Plug #1 (Mesaverde top, 3580' - 3480')**: RIH with 4-1/2" wireline bridge plug and set at 3580'. RIH with open ended tubing workstring and tag CIBP. Load casing with water and circulate clean. Pressure test casing to 500#. Mix 12 sxs Class B cement and spot a balanced plug inside casing above the CIBP to isolate Mesaverde perforations. If casing does not test, then spot or tag subsequent plug as appropriate. POH to 2180'.
5. **Plug #2 (Pictured Cliffs top, 2180' - 2080')**: Mix 12 sxs Class B cement and spot a balanced plug inside casing to cover Pictured Cliffs top. POH with tubing.
6. **Plug #3 (Fruitland top, 1900' - 1800')**: Perforate 3 squeeze holes at 1900'. Establish rate into squeeze holes if casing tested. PU 4-1/2" cement retainer and RIH, set at 1850'. Establish rate into squeeze holes. Mix 51 sxs Class B cement, squeeze 39 sxs outside casing and spot 12 sxs inside to cover Fruitland top. POH with tubing.
7. **Plug #4 (Kirtland and Ojo Alamo tops, 1701' - 1460')**: Perforate 3 squeeze holes at 1701'. Establish rate into squeeze holes if casing tested. PU 4-1/2" cement retainer and RIH, set at 1650'. Establish rate into squeeze holes. Mix 115 sxs Class B cement, squeeze 93 sxs outside casing and spot 22 sxs inside to cover Ojo Alamo top. POH.
8. **Plug #5 (8-5/8" Surface Casing at 168')**: Perforate 2 squeeze holes at 218'. Establish circulation out bradenhead valve. Mix and pump approximately 63 sxs Class B cement down 4-1/2" casing, circulate good cement out bradenhead valve. Shut in well and WOC.
9. ND BOP and cut off casing below surface. Install P&A marker with cement to comply with regulations. RD, Move off location, cut off anchors and restore location.

Canyon Largo Unit #125

Proposed P&A
Devils Fork Gallup

SW Section 9, T-24-N, R-6-W, Rio Arriba County, NM

Today's Date: 5/22/98

Spud: 4/14/63

Completed: GI - 5/24/63

Re-Completed: MV - 7/11/80

P&A 11/81

Re-Entered for SWD: 11/85

Elev: 6541' GL

Ojo Alamo @ 1510'

Kirtland @ 1651'

Fruitland @ 1870'

Pictured Cliffs @ 2130'

Mesaverde @ 3610'

Point Lookout @ 4315'

Gallup @ 5370'

12-1/4" Hole

7-7/8" Hole

TD 5626'

8-5/8" 24# Csg set @ 168'

150 sxs cement (Circulated to Surface)

Plug #5 218' - Surface
Cmt with 63 sxs Class B

Perforate @ 218'

Plug #4 1701' - 1460'
Cmt with 115 sxs Class B,
93 sxs outside casing
and 22 sxs inside.

Cmt Retainer @ 1650'

Perforate @ 1701'

Cmt Retainer @ 1850'

Perforate @ 1900'

TOC @ 1900' (T.S.)

Plug #3 1900' - 1800'
Cmt with 51 sxs Class B,
39 sxs outside casing
and 12 sxs inside.

Plug #2 2180' - 2080'
Cmt with 12 sxs Class B

DV Tool @ 2265'
Cmt w/100 sxs

TOC 3500' (CBL)

Squeeze hole at 3570'
Squeeze with 20 sxs
at 3613' - 3300' (6/80)

Plug #1 3580' - 3480'
Cmt with 12 sxs Class B

CIBP @ 3580'

Mesaverde Perforations
3630' - 3670'

Plug 4410' - 4265' (6/80)
Cmt with 309 sxs Class B,
TOC @ 4128'

Point Lookout Perforations:
4339' - 4349'

CR @ 4400' (6/80)

Squeeze hole @ 4410' (6/80)

TOC @ (Calc, 75%)

Gallup Perforations:
5568' - 5588'

Plug 5618' - 5518' (9/75)
Cmt with 35 sxs Class B,
TOC @ 5150'

4-1/2" 10.5# Casing set @ 5626'
Cmt w/ 150 sxs

PBTD 4128'

Canyon Largo Unit #125

Current

Devils Fork Gallup

SW Section 9, T-24-N, R-6-W, Rio Arriba County, NM

Today's Date: 5/22/98

Spud: 4/14/63

Completed: GI - 5/24/63

Re-Completed: MV - 7/11/80

P&A: Nov '81

Re-Entered for SWD: Nov '85

Elev: 6541' GL

12-1/4" Hole

Ojo Alamo @ 1510'

Kirtland @ 1651'

Fruitland @ 1870'

Pictured Cliffs @ 2130'

Mesaverde @ 3610'

Point Lookout @ 4315'

Gallup @ 5370'

7-7/8" Hole

TD 5626'

8-5/8" 24# Csg set @ 168'

150 sxs cement (Circulated to Surface)

Workover History

Sep '75: Pull tubing, squeeze Gallup perms.

Jun '80: MV test; pull tubing; perf at 4410' and 3570', set CR 4400'; sqz w/309 sxs "H" cmt, displace to CR, lost circ, spot 20 sxs over 3570' perf; drill out; CBL top 3500'; perf Pt. Lookout at 4339' - 4349', acidize, land tubing, rods, pump.

Nov '81: P&A well.

Nov '85: Re-enter well for injector; drill out cmt to 4128', csg leak where 4-1/2" extension welded on casing stub, communication between perms at 3630' and 3570', squeeze 30 sxs cmt; perf MV at 3630' - 70', acidize; set packer on 2-3/8" plastic lined tubing; load casing with inhibited fluid.

Apr '86: PT annulus and packer to 250#, bled down 200# in 15 min, marginal test.

TOC @ 1900' (T.S.)

2-3/8" Tubing at 3598'
(4.7#, EUE plastic lined Model "A"
Tension Packer on bottom)

DV Tool @ 2265'
Cmt w/100 sxs

TOC 3500' (CBL)

Squeeze hole at 3570'
Squeeze with 20 sxs
at 3613' - 3300' (6/80)

Mesaverde Perforations
3630' - 3670'

Plug 4410' - 4265'
Cmt with 309 sxs Class B,
Done 6/80, TOC @ 4128'

Point Lookout Perforations:
4339' - 4349'

CR @ 4400' (6/80)

Squeeze hole @ 4410' (6/80)

TOC @ (Calc, 75%)

Gallup Perforations:
5568' - 5588'

Plug 5618' - 5518'
Cmt with 35 sxs Class B,
Done 9/75, TOC @ 5150'

4-1/2" 10.5# Casing set @ 5626'
Cmt w/ 150 sxs

PBTD 4128'