

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

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)

K 2000' fsl & 1850' fwl (ne sw)
Section 35, T27N, R13W

5. Lease Designation and Serial No.

NM-33047

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

HI ROLL No. 2

9. API Well No.

30-045-23033

10. Field and Pool, or Exploratory Area

WAW Fruitland Sand P.C.

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 Frac Report

☐ 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.)*

4/10/98 MIRU JC Well Service. Pull 38 joints of 1", IJ, 1.72#, J-55, 10rd tubing- out on Dash float for later use.
Ran slick line to check for fill, PBDT @ 1315', BP 1270', fill to 1292' GL. SD for holiday and weekend.

4/14/98 RU Petro WL. Perforated additional Pictured Cliffs intervals from 1234'-1248' with bi-wire, 2-1/8" charges - 4 SPF.
Gun stuck in hole. Wireline broke 1' above rope socket. RD WL. RU JC Well Service pole rig. TIH with
overshot on 1" tubing. Pushed fish to bottom, latched onto fish. TOH with collar locator rope socket,
bi-wire still in hole. Release rig. SDON.

*** CONTINUED OTHER SIDE ***

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

Signed

Steven S. Dunn

Title Drlg & Prod Manager

Date 4/23/98

(This space for Federal or State office use)

Approved By

Title

Date

1998

Conditions of approval, if any:

4/15/98 RU Dowell. Conduct step-down test using 25# linear gel. Inject at 24.0 BPM. Pressure up to 2050 psi. Steadily broke back to 1330 psi. Test results:

Q (BPM)

Press

24.0	1330
18.7	990
10.7	560
0	0

Calculated perf friction pressure = 360 psi (22 out of 100 perms open). Tortuosity = 390 psi. Leak off = .04 (perm = 26 md). Use BH frac press = 550 psi (.44 psi/ft) + 390 psi = 910 psi to calculate N_2 rates for job. Used 330 scf/bbl N_2 . Frac well as follows with 70Q N_2 foam:

BH	Sand	Conc	Stage	Slurry	Vol. Bbls	Rate	Slurry	BH	Rate	Surf	Comments
Pad	1#	71.5	9.0	30.7	1450	Put in 1/2# slug	AZ	1370	30.6	1440	AZ
2#	44.8	11.1	30.1	1440	AZ	AZ	1530	29.9	30.2	1610	AZ
4#	51.1	13.7	29.9	1610	AZ	AZ	1690	30.2	30.2	1684	AZ
5#	31.2	15.0	30.2	1684	Resin coated	940	1484	30.2	15.1	1484	Resin coated
Flush	4.0	15.1	15.1	15.1	1484	Resin coated	940	1484	15.1	1484	Resin coated
ISIP	0	4.0	15.1	15.1	1484	Resin coated	940	1484	15.1	1484	Resin coated

4/16/98

RIH w/ slickline, tag fill @ 102' above top perf. WO rig.

4/21/98

MOL and RU JC Well Service 4/21/98. Spot pump and pit. Found well dead. PU 2-1/4" bit, bit sub and RIH on CO to 1253' before losing all returns to formation. LD power swivel and TOH with tubing and break circulation. CO sand with good returns. 1-1/4" EUE tubing. Tagged up on sand fill at 1132' GL. PU power swivel and TOH with tubing and bit. PU bailer and prep to RIH. Note: Circulated out 20/40 sand containing very little resin coated sand.

4/22/98

Found well dead. RIH with bailer and tag sand at 1249'. CO with bailer to approx. 1251'. Unable to work down any further. Attempted to rotate bailer and adjust pump rate with no success. Called for nitrogen. TOH and LD bailer. RIH with notched collar on bottom of 1-1/4" EUE tubing. RU Halliburton and est. circulation with 1000 scf of nitrogen. CO to 1266', unable to torque up. Started making metal (looks like aluminum chunks) in returns. Cut nitrogen and RD Halliburton. LD started to torque up. Started making metal (looks like aluminum chunks) in returns. Cut nitrogen and RD Halliburton. LD power swivel and TOH. Install 2-7/8" ball valve on top of casing and shut well in. RD JC Well Service.