

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)

840' fsl & 1450' fel
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.

HIRROLL No. 1R

9. API Well No.

30-045-23694

10. Field and Pool, or Exploratory Area

WAW Fruitland 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.)*

4/9/98 RU JC Well Service. Pull 38 joints of 1", 1.73#, J-55, IJ, 10rd tubing. B&R run slick line to check for fill. PBTD @ 1265', BP @ 1214", fill to 1247' GL.

4/14/98 RU Petro WL, perforated with bi-wire gun, 1-11/16" charges, 2 SPF from 1209'-1221'. Pumped 6 bbls 2% KCl wtr in casing before shooting fun. RD perforators.

*** CONTINUED OTHER SIDE ***

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

Signed

Steven S. Dunn

Title Drlg & Prod Manager

Date 4/22/98

(This space for Federal or State office use)

Approved By

Title

Date

Conditions of approval, if any:

1998

NMOC

FARMINGTON DISTRICT OFFICE

4/15/98 RU Dowell. Conduct step-down test using 25# linear gel. Pressure up to 2380 psi max. and broke back.

Q (BPM)	Press
24.4	1050
18.8	810
10.2	460
0	180

Calculated perf friction pressure = 175 psi (34 out of 40 perms open), tortuosity = 280 psi at 25 BPM. Leak off = .015 (perm = 5-10 md). Use BH frac press = 550 psi ($\pm .44$ psi/ft) + 280 psi = 830 psi to calculate N_2 rates for job. Used 275 scf/bbl N_2 .

Frac well as follows with 70Q N_2 foam:

Stage	Slurry	BH	BH	Surf	BH	Comments
Vol. Bbls	Rate	Rate	Press	Sand	#/gal	
70.9	7.7	25.2	1003	Pad		
13.4	8.7	25.0	1163	1#		
64.7	10.1	26.5	1396	2#		
37.7	12.8	30.2	1465	3#		
51.1	14.0	30.9	1758	4#		
31.3	17.5	35.5	1845	5#		
18.1	18.1	35.7	1895	5#		Resin coated
4.0	18.1	35.7	1895	Flush		
			1122	ISIP		

SI Well 45 mins to RD Dowell. Pumped total of 47,600 Arizona and 12,300 resin 20/40 sand. Blowback well on 1/4" choke. Blew all gas, no foam. Smell of HC in gas. Well dead in 45 mins. WO Rig to clean out.

4/16/98 RIH w/ slickline, tag fill @ 241' above top perf

4/20/98 MRU JC Well Service. Spot pump and pit. Found well dead. PU 2-1/4" bit, bit sub and RIH on 1-1/4" EUE tubing. Tag up on sand fill @ 955' GL. PU power swivel and break circulation. Clean out resin coated sand with good returns. Clean out past perms: 1194'-1214' and maintained good circulation. Lost all returns after clean out with joint #38 to 1233' GL. LD power swivel and pull up hole to 1040'.

4/21/98 Found well dead. RIH and tag sand at 1201'. Establish circulation and CO to 1265' PRTD. Pull up to 1170' and SD for 30 mins. RIH to 1265', no fill. TOH, LD. Installed 2-7/8" frac valve and shut well in. RDMOL at 11:30 AM 4/21/98.