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

5. Lease Designation and Serial No.
NM-33047

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

1. Type of Well
Oil Well [ ] Gas Well [X] Other [ ]

8. Well Name and No.
Hi Roll #1R

2. Name of Operator
Merrion Oil & Gas Corporation

9. API Well No.
30-045-23694

3. Address and Telephone No.
610 Reilly Avenue, Farmington, NM 87401-2634 **(505) 327-9801**

10. Field and Pool, or Exploratory Area
WAW Fruitland, PC

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
840' fsl & 1450' fel
O Section 35, T27N, R13W

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	
[X] Notice of Intent	[ ] Abandonment	[X] Change of Plans
[ ] Subsequent Report	[X] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[ ] Other _____	[ ] 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.)*

recomplete to the Fruitland Coal

Merrion Oil & Gas proposes to ~~fracture the Pictured Cliffs~~ in the subject well according to the attached procedure. This replaces the previous sundry filed September 3, 1997 as an intent to plug and abandon the wellbore. The well was completed naturally in 1979, and we believe there is additional potential for gas production with fracture stimulation.

RECEIVED
JAN 30 1998
OIL CON. DIV.
DIST. 3

070 FARMINGTON NM

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

Signed Connie S. Dinning Title Contract Engineer Date 1/22/98

(This space for Federal or State office use)

Approved By /S/ Duane W. Spencer Title _____ Date JAN 28 1998

Conditions of approval, if any:

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.

NMOCD

Merrion Oil & Gas Corporation

Recompletion Procedure

January 21, 1998

Well:	**High Roll #1R**	**Field:**	WAW Fr-PC
Location:	840' fsl & 1450' fel (sw se)	**Elevation:**	5,999' RKB
	Sec 35, T27N, R13W, NMPM		5,995' GL
	San Juan County, New Mexico	**By:**	Connie Dinning

Procedure:

Prior to Move-in

1. Check wellhead configuration and complete detail sketch of equipment.
2. Dig small workover pit (10' X10' X 6') to blow into while cleaning up.

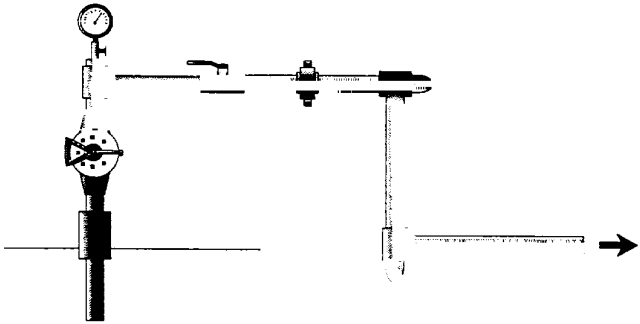
Fracture PC Fruitland

1. Move in, rig up JC Well Service pulling unit.
2. Lay casing vent line down wind. Stake down for use in clean out.
3. Open well to atmosphere and blow down. (see diagram next page)
4. Rig up BOPs & stripping head.
5. Unset 1" IJ tubing. Pick up additional 1" tubing, tag fill.
6. Tally out of hole.
7. RIH and clean out w/ bailer if fill is tagged above 1,206' KB.
8. POH w/ tubing.
9. RU Petro Wireline and set CIBP @ 1,200'.
10. Perforate Fruitland Coal interval 1,172' - 1,187', 4 spf, referenced to open hole induction log for High Roll #1 dated 5/20/78.
11. RD Petro.
12. ND BOP & Companion Flange. RDMOL w/ JC Well Service.
13. MIRU Stimulation Company. Install master valve on 2-7/8" casing.
14. RU flow back line with 1/2" positive choke.
15. Pump frac as detailed on attached procedure down 2-7/8".
16. RD stimulation equipment.
17. Open well to pit as soon as possible. Let flow back to clean up.
18. RIH w/ slickline to check for fill if necessary.
19. MIRU JC Well Service and re-run tubing. Flange up wellhead.
20. RDMO

Surface Modifications

1. Install meter run and to tie to EPFS.
2. Install 2 phase heated separator.
3. Install rental compressor.
4. Return well to production.

Flowback Line



Form 9-330
(Rev. 5-63)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.: NM 33047

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Hi Roll

2. NAME OF OPERATOR: J. Gregory Merrion & Robert L. Bayless

9. WELL NO.: 1-R

3. ADDRESS OF OPERATOR: P.O. Box 507, Farmington, NM 87401

10. FIELD AND POOL, OR WILDCAT: WAW Fruitland Pic. Cliffs

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: 840 FSL and 1450 FEL
At top prod. interval reported below: same
At total depth: same

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Section 35, T27N, R13W

14. PERMIT NO. | DATE ISSUED

12. COUNTY OR PARISH: San Juan | 13. STATE: NM

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
8-25-79	8-28-79	9-25-79	5995 ft. G.L.	

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
1300 ft.	1265 ft.		→	0 - TD	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: 1206 - Pictured Cliffs

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: None

27. WAS WELL CORED: No

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7"	23 lb.	96 ft.	9-3/4"	35 sacks	
2-7/8"	6.4 lb.	1287 ft.	4-3/4"	130 sacks	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
1.315"	1237 ft.	

31. PERFORATION RECORD (*Interval, size and number*)
1206-14 ft. with 2 PF 2-1/8" glass jets
Total 16 holes .430"

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

RECEIVED
OCT 02 1979
U.S. GEOLOGICAL SURVEY
FARMINGTON, N. MEX.

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
9-25-79	Flowing	

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9-25-79	3 hrs.	3/4"		-	200 MCF/day	0	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
				200 MCF/day	0	

OCT 9 1979
OIL CON. COM.
DIST. 3

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*): Vented

TEST WITNESSED BY: Steven S. Dunn

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Steven S. Dunn TITLE Engineer DATE 10-1-79

*(See Instructions and Spaces for Additional Data on Reverse Side)

NMOCC

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: *"Sacks Cement":* Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Pic. Cliffs	1197 ft.	--	Natural gas, salt water

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Kirtland	142 ft.	
Fruitland	859 ft.	
Pic. Cliffs	1197 ft.	

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