

Distribution: O+4 (BLM); 1-Accounting; 1-Land; 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

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

832' fsl & 1835' fel (sw se)

Section 25, T30N, R13W

5. Lease Designation and Serial No.

SF-078213

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Panther No. 2

9. API Well No.

30-045-29574

10. Field and Pool, or Exploratory Area

Fucher Kutz Pictured Cliffs

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 (Temporary)

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other Add Zone

☐ 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 add the Fruitland Coal formation to this wellbore according to the attached procedure. The commingling of the Pictured Cliffs and the Fruitland Coal was approved by administrative order DHC-3009. The non-standard location was approved by administrative order NSL-4753.

RECEIVED
2002 JUL -2 PM 12:03
070 FARMINGTON, NM

ENTERED
ARMSS
JUL 08 2002

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

Signed

Connie S. Dinning

Title **Production Engineer**

Date **7/1/02**

(This space for Federal or State office use)

Approved By

Title

Date

Conditions of approval, if any:

Merrion Oil & Gas Corporation

Completion Procedure Fruitland Coal Formation

May 1, 2002

Well:	Panther No. 2	Field:	Basin Fruitland
Location:	832' fsl & 1835' fel (sw se) Sec 25, T30N, R13W, NMPM San Juan County, New Mexico	Elevation:	5686' RKB 5681' GL
By:	Connie Dinning	Lease:	FEE
		AFE No.:	

Procedure: (Note: This procedure will be adjusted on site based upon actual conditions)

Pull Tubing & Prepare to Frac

1. MIRU workover rig. POH w/ 3/4" rods and pump. ND WH, NU BOP's. Tag up on fill, pull 2 3/8" production tubing.
2. MIRU wireline truck. RIH w/ RBP and set at $\pm 1714'$ KB per correlation log. (Note: RBP setting is critical, reference GR/collar log dated 7/27/98)
3. Load hole w/ 2% KCL water and pressure test RBP to 3500 psi.

Perf & Frac Fruitland Coal

1. Order in frac/test tanks w/ risers, working external gages & two good 4" valves on each. Fill w/ 2% Kcl city water (refer to fracture stimulation design for required useable volume).
2. Install frac valve on top of 4-1/2" casing.
3. Perforate Fruitland Coal with 3-1/8" casing gun, shot density at 3 jspf per Panther No. 2 correlation log run 7/27/98 as follows:

1680 - 1704 ft	24 ft	72 holes	0.34" diameter
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4. RU Frac crew. Spearhead 500 gals. 7.5% HCl acid. Fracture stimulate the Fruitland Coal formation with Halliburton Delta frac fluid and 75,000 lbs of 20/40 mesh Brady sand (detail design to be provided). **NOTE: Do not pump in and shut down. When pumping begins, stay on it until the job is complete. Do not exceed 3500 psi.**
5. Shut well in for gel break time. Open to pit.

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AFMOS

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Install Production Tubing

1. Rig down frac valve. Reinstall tubing head, nipple up BOPs.
2. RIH w/ tubing, retrieving head and clean out sand to RBP @ 1714' KB. (Use Merrion's bailer if circulation is lost or fill is in or near top of perforations).
3. Latch on to RBP & POH, clean out rat hole if necessary.
4. Pick up and tally 15' MA, SN, and 2 3/8" tubing in hole. Land tubing at $\pm 1747'$ KB below bottom of Pictured Cliffs perforations.
5. Nipple down BOPs, nipple up wellhead. Run rods and pump.

Merrion Oil & Gas Corporation

Wellbore Schematic

Panther No. 2

Proposed Wellbore Configuration

Location: 832' fsl & 1835' fel (sw se)
Sec 25, T30N, R13W, NMPM
San Juan County, New Mexico

Elevation: 5681' GL
5686' RKB

Prepared by: Steven S. Dunn

Date: April 12, 2002

Cretaceous

Ojo Alamo - 170'

Kirtland - 290'

Fruitland - 1327'

Main Coal - 1683'

Pictured Cliffs - 1714'

Top of Cmt @ Surface on both casing strings

Surface Bit Size - 8-3/4"

7" 23# Surface @ 317' KB w/ 100 sx (118 cuft)

Bit Size 6-1/4"

ROD STRING:
2" X 1 1/4" X 11' RHAC pump
67 ea. 3/4" plain

Tubing: 2-3/8" EU 4.7ppf J55 set @ 1747' KB w/ SN, 16' muleshoe MA
w/ hole cut in top upset (Jan 24, 2001)

Proposed Fruitland Coal Perfs: 1680 - 1704 ft; 3jspt, 72 holes, 0.34" Dia

Pictured Cliffs Perfs: 1720 - 1736 ft; 2jspt, 32 holes, 0.34" Dia

4-1/2" 10.5# J55 LTC Production Csg @ 1841' w/ 200 sx (324 cuft)
Insert Float @ ~1797'KB

TD @ 1842' KB

PBTD @ 1786' KB

ENTERED
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JUL 08 2002

BY

