

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☐

DEEPEN ☐

PLUG BACK ☒

b. TYPE OF WELL

OIL  
WELL ☐

GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☐

MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR

Merrion Oil & Gas Corporation

3. ADDRESS OF OPERATOR

P. O. Box 840, Farmington, New Mexico 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

(N) 990' FSL & 1820' FWL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drig. unit line, if any)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

156.30

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

1253'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5958' GL

22. APPROX. DATE WORK WILL START\*

April 12, 1990

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

We would like to plug back the subject well and test the main Fruitland Coal.

Attached is a procedure for your approval.

RECEIVED

APR 23 1990

OIL CON. DIV.  
DIST. 3

APPROVED

APR 17 1990

Ken Townsend  
AREA MANAGER

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

*A. Sharpe*

TITLE

*Reservoir Engr*

DATE

*4-9-90*

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

CC:

Well File  
J. Greg Merrion  
MO&G Corp.  
R.L. Bayless  
SS Dunn  
EL Ellsaesser  
James Johnson

\*See Instructions On Reverse Side

APPROVED  
DATE: 1990  
AREA MANAGER

RECEIVED  
DATE: 1990  
OFFICE

MERRION OIL & GAS CORPORATION

CHACO NO. 2

WORKOVER PROCEDURE

LOCATION: 990' FSL & 1820' FWL  
Section 7, T26N, R12W  
San Juan County, New Mexico

ELEVATION: 5958' GL

PREPARED BY: George F. Sharpe

DATE: 4-4-90

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PROCEDURE:

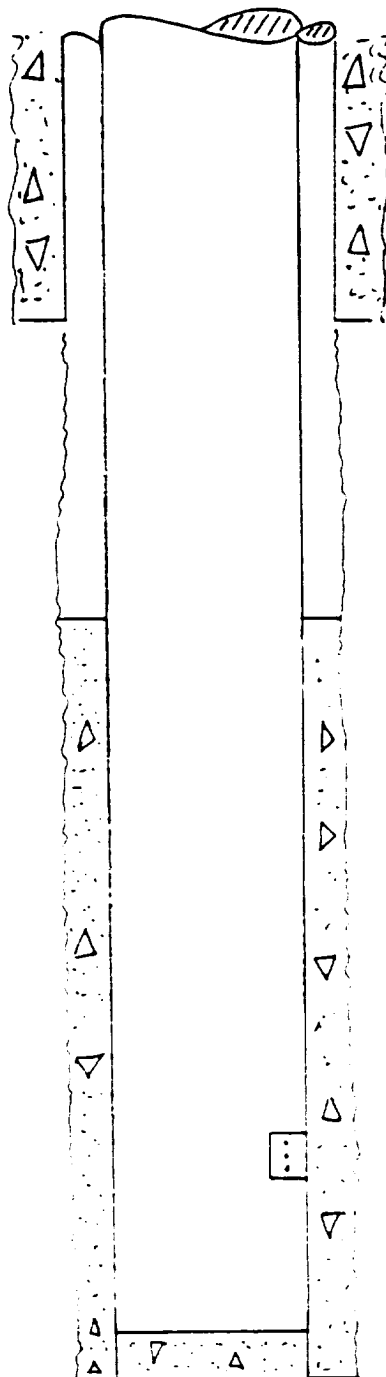
1. MIRU wireline unit with mast truck. RIH with CCL and locate PBTD. POH with CCL. Dump frac sand in well to fill up rat hole so that only two dump bail runs are required. RIH with dump bailer and place cement across Pictured Cliffs perfs (1133'-39'). Top of cement should be at 1126'.
2. RIH with casing guns and perf 1100'-1120' with 2 SPF at 90° (3-9-77 Gamma Ray-Neutron Density Log). RDMO wireline unit and mast truck.
3. MIRU Western. Breakdown perfs by pumping 300 bbls water + 1/2 GPT FR-20 friction reducer at 30 BPM. Shut down and record ISIP. RDMO Western.
4. Flow well to frac tank and test.
5. If well does not flow, MIRU Ram and RIH with 1-1/16" tubing pump barrel and 1120' 1-1/2", 2.76#/ft., J-55, IJ tubing. Land tubing. RIH with 1-1/16" pump plunger and 5/8" rods with slim hole complings. Space out rods. NU wellhead. RDMO Ram. (Pumping unit to be specified at later date.)

GFS/eg

APPROVED: 

DATE: APRIL 6, 1990

CHACO #2  
WELLBORE SKETCH



5-1/2", 15.5#/ft, J-55 csg  
cmtd with 10 sx

41'

2-7/8", 6.5#/ft, J-55, NU  
10V csg. Cmtd w/100 sx  
Class 'G'.

TOC @ 630'

Pictured Cliffs perfs:  
1133'39' (2 JSPF)

PBTD: 1220'

TD: 1253'