

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

2150' FSL & 1850' FWL (NESW)

At proposed prod. zone

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

Approx. 17 miles South of Farmington, New Mexico

15. DISTANCE FROM PROPOSED\*

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

1850'

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

± 2.5 miles

16. NO. OF ACRES IN LEASE

2374

19. PROPOSED DEPTH

1420'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Rotary

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

22. APPROX. DATE WORK WILL START\*

23. PROPOSED CASING AND CEMENTING PROGRAM

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

We plan to set a CIBP above the Pictured Cliffs perforations and then perforate, frac, and produce the Fruitland Coal. The CIBP will eventually be topped with cement when the well is Plugged and Abandoned. A procedure is attached for your approval.

RECEIVED  
MAY 29 1990

OIL CON. DIV.  
DIST. 3

APPROVED

MAY 08 1990

Ken Townsend  
FOR 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 George F. Sharpe TITLE Reservoir Engineer DATE 4-30-90  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

CC: BLM-Farmington  
Interest Owners  
Well File

\*See Instructions On Reverse Side

# OIL CONSERVATION DIVISION

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-102  
Revised 10-1-78

All distances must be from the outer boundaries of the Section.

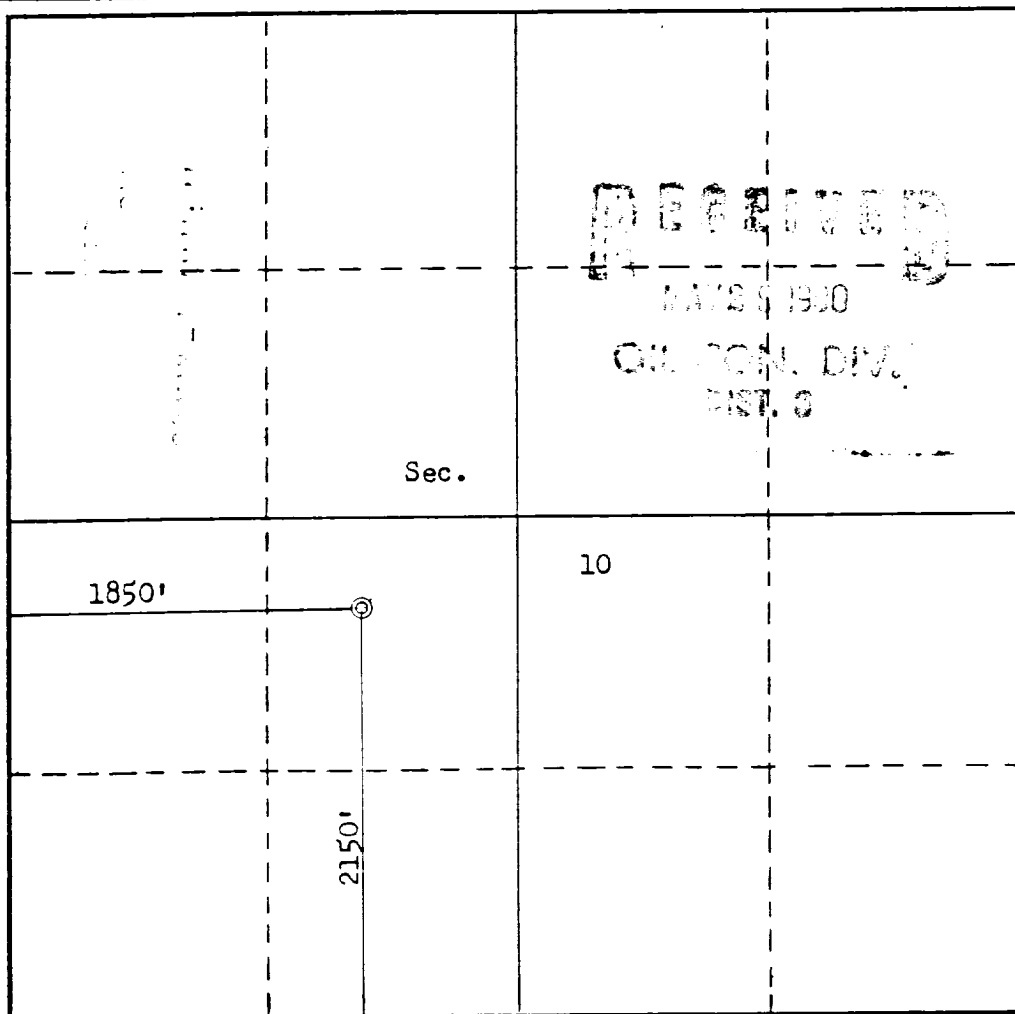
Operator <b>MERRION &amp; BAYLESS</b>			Lease <b>CHACO</b>		Well No. <b>14</b>
Unit Letter <b>K</b>	Section <b>10</b>	Township <b>26N</b>	Range <b>13W</b>	County <b>SAN JUAN</b>	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> <span><b>2150</b> feet from the <b>South</b> line and <b>1850</b> feet from the <b>West</b> line</span> </div>					
Ground Level Elev. <b>6230</b>	Producing Formation <b>Fruitland Coal</b>	Pool <b>Basin</b>	Dedicated Acreage: <b>320</b> Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



## CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*George F. Sharpe*

Name  
**George F. Sharpe**

Position  
**Reservoir Engineer**

Company  
**Merrion Oil & Gas Corp.**

Date  
**4-30-90**

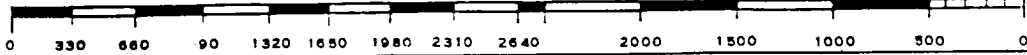
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
**September 21, 1979**

Registered Professional Engineer and/or Land Surveyor

*Fred B. Kerr Jr.*  
**Fred B. Kerr Jr.**

Certificate No.  
**3950**



MERRION OIL & GAS CORPORATION

CHACO NO. 14

FRUITLAND COAL RECOMPLETION

LOCATION: 2150' FSL & 1850' FWL  
Section 10, T26N, R13W  
San Juan County, New Mexico

ELEVATION: 6230' GL

PREPARED BY: George F. Sharpe

DATE: 4/29/90

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PROCEDURE:

II

1. MIRU Swab Unit. POOH with 1332' of 1" tubing. RU Wireline. Set CIBP at 1345'. RIH with 2-1/8" casing guns and perforate 1316'-38' with 2 SPF at 120° (Density Neutron BHC, 4/11/80). Swab well in to test. RD Swab Unit.
2. RU Western. Frac with procedure specified at later date. Flow back to test. Swab if necessary.
3. If well does not flow, MIRU Ram. RIH with 1-1/16" pump barrel on 1340' of 1-1/4", 2.3#, J-55, IJ tubing. RIH with 1-1/16" pump plunger on 1/2" rods with slim hole couplings. Space out rods. NU WH. RD MOL. (Pump unit to be specified at later date).

GFS/eg

APPROVED: 

DATE: APRIL 30, 1990

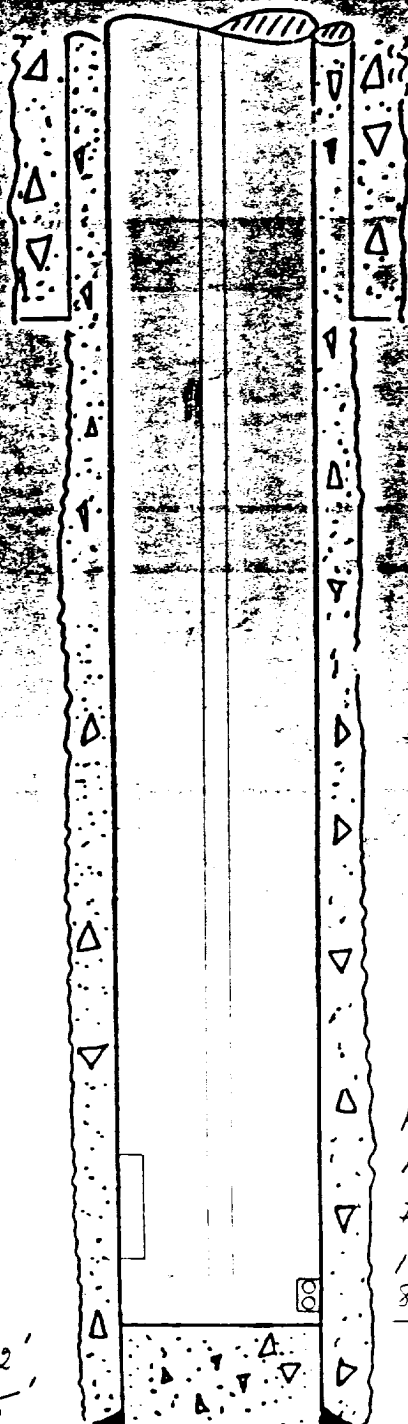
# CHACO # 14 WELLBORE SCHEMATIC

MKM  
4/25/90

LOCATION: 2150 FSL 1850 FWL

SEC. 10 T26N R13W

ELEVATION: 6230' GL



9 3/4" HOLE

T" 23" USED CSG @ 98'

CMT 50 SX 3% CaCl

## TOPS:

OJO ALAMO - SURFACE

KIRTLAND - 150'

FRUITLAND - 1120'

PIC. CLIFFS - 1320'

FRUITLAND COAL PERFS:

1316'-38'

1" IS SIPHON STRING @ 1332'

PICTURED CLIFFS PERFS:

1353'-60' (14 HOLES)

70% FOAM FRAC W/ 10/80 SD,

107 bbls. 10% KCl WATER, 15,000\* 10-80 SD,  
36,000 SCF N<sub>2</sub>.

PBTO: 1392'  
TO: 1405'

5" HOLE

2 7/8" EUE, N-80, 6.5" CSG @ 1405'

CMT W/ 150 SX ECONOFILL FOLLOWED W/  
10 lbs./SK 3/4".

2 7/8" CAPACITY: .0325 <sup>FT<sup>3</sup></sup>/FT