

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

**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 &amp; Gas Corporation

## 3. ADDRESS OF OPERATOR

P. O. Box 1017, Farmington, New Mexico 87499

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

At surface

3515 FSL and 1720 FEL JAN 07 1985

At proposed prod. zone

Same

BUREAU OF LAND MANAGEMENT  
FARMINGTON, NEW MEXICO

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

14 miles South of Cuncelors

## 15. DISTANCE FROM PROPOSED\*

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

1720

## 16. NO. OF ACRES IN LEASE

2559

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

179.95

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

2640

## 19. PROPOSED DEPTH

5665

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether

6470' GL

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED

## 22. APPROX. DATE WORK WILL START\*

Winter/1985 (Jan/Feb)

## 23. "GENERAL REQUIREMENTS" PROPOSED CASING AND CEMENTING PROGRAM

This action is subject to administrative  
appeal pursuant to 30 CFR 290.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4	8-5/8"	24 #/ft.	200	175 sx
7-7/8"	4-1/2"	11.6 #/ft.	5665	1025 sx

Will drill 12-1/4" surface hole to 200 ft. and set 200 ft. of 8-5/8", 24 #/ft. J-55 grade casing with 175 sx (361 cu. ft.) Class B cement with 3% CaCl<sub>2</sub>. Will drill 7-7/8" hole to 5665'. Will run open hole logs. No other testing planned. If well appears productive, will run 5665' of 4-1/2", 11.6 #/ft. J-55 grade casing and stage cement. First stage will cement with 225 sx (275 cu. ft.) Class H 2% gel (1.22 cu. ft./sk yield) to cover Gallup interval from TD. Estimated top of cement is 5000'. Will set stage collar at approximately 4250', below Point Lookout Formation. Second Stage will cement with 700 sx (1442 cu. ft.) Class B 2% D-79, (2.06 cu. ft./sk yield) followed by 100 sx (122 cu. ft.) Class H 2% gel to cover Mesaverde, Chacra, Pictured Cliffs, Fruitland and Ojo Alamo. Estimated top of cement is 400 ft.

Drilling circulating medium will be low solids, non-dispersed, low water loss mud using bentonite, starch, CMC and fresh water.

Minimum specifications for pressure control is 10" 900 series Double Ram Blowout Preventer. Will perforate and stimulate as required for completion

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.

SIGNED [Signature] Operations Manager

(This space for Federal or State office use)

JAN 14 1985

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

OIL CON. DIV.  
DIST. 3

MOCC

APPROVED  
AT WASHINGTON

JAN 10 1942

RECEIVED  
JAN 10 1942

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
Supersedes C-128  
Effective 1-4-65

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

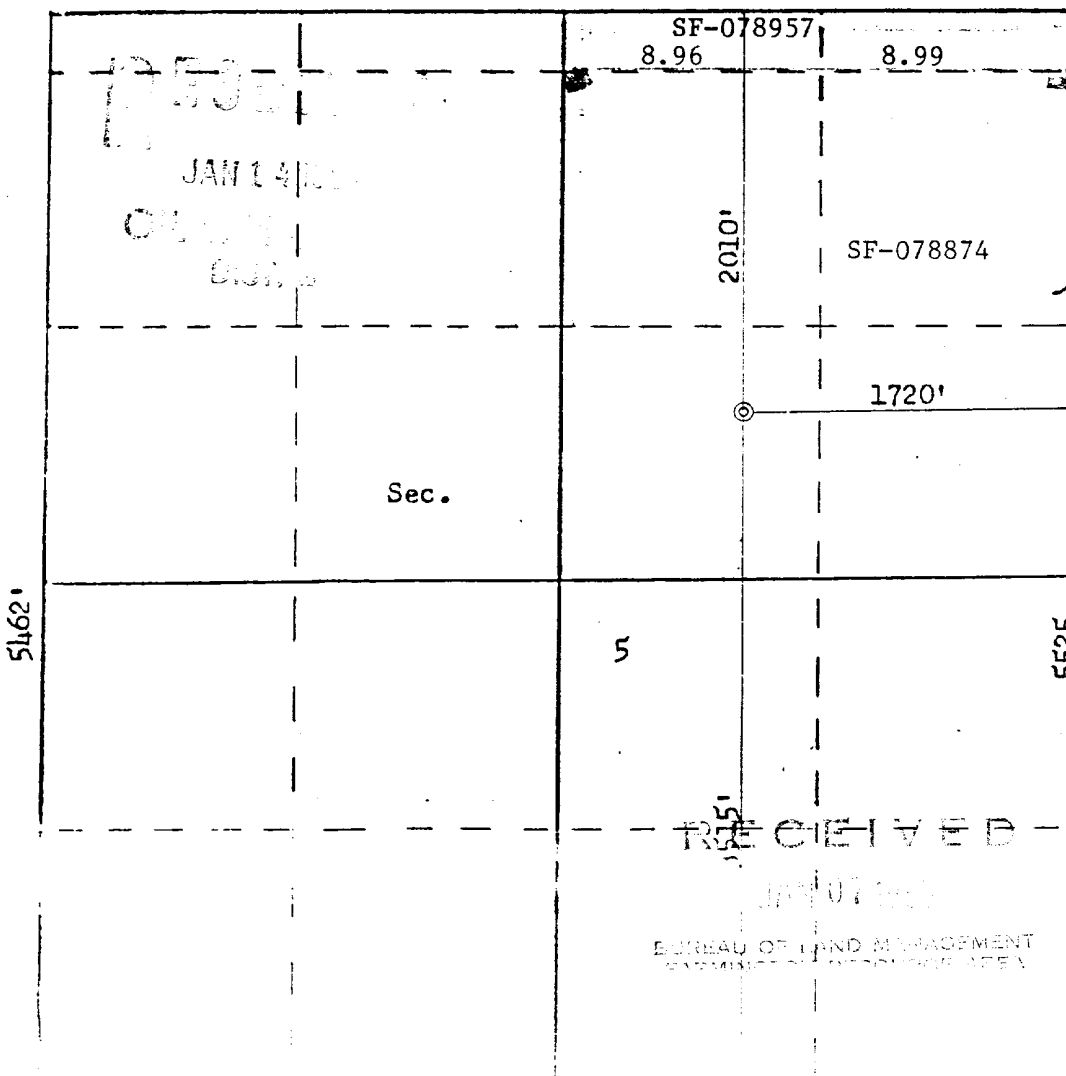
Operator <b>MERRION &amp; DAYLESS O &amp; G Corp</b>			Lease <b>CANYON LARGO UNIT</b>		Well No. <b>308</b>
Unit Letter <b>G</b>	Section <b>5</b>	Township <b>24N</b>	Range <b>6W</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well: <b>3515</b> feet from the <b>South</b> line and <b>1720</b> feet from the <b>East</b> line					
Ground Level Elev: <b>6470</b>	Producing Formation <b>Gallup</b>		Pool <b>Devils Fork Gallup</b>		Dedicated Acreage: <b>179.95</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). Both leases have identical ownership.
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.

*Steve S. Dunn*  
Name

Steve S. Dunn

Position

Operations Manager

Company

Merrion Oil & Gas Corp.

Date

1/3/85

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

Registered Professional Engineer

and

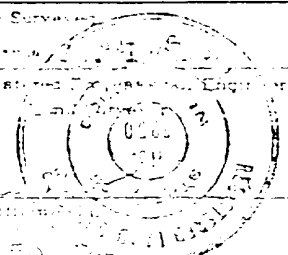
and

and

and

and

and



Rio Arriba County, N.M.

