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# NEW MEXICO OIL CONSERVATION COMMISSION

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DEC - 6 1983

OIL CON. DIV.  
DIST. 3

30-039-23345  
Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease

STATE ☐ FEE ☒

5. State Oil & Gas Lease No.

## 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 ☐

6. Name of Operator

Merrion Oil & Gas Corporation

7. Address of Operator

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

8. Location of Well

UNIT LETTER J LOCATED 1800 FEET FROM THE South LINE

1790

FEET FROM THE East LINE OF SEC. 15 TWP. 24N RGE. 6W NMPM

7. Unit Agreement Name

Canyon Largo Unit Com

8. Farm or Lease Name

Canyon Largo Unit

9. Well No.

334

10. Field and Pool, or Wildcat

Devils Fork Gallup

12. County

Rio Arriba

19. Proposed Depth

5800'

19A. Formation

Gallup

20. Rotary or C.T.

Rotary

1. Elevations (Show whether DF, RT, etc.)

6566' GL

21A. Kind & Status Plug. Bond

Nationwide

21B. Drilling Contractor

Unknown

22. Approx. Date Work will start

Winter, 83 - 84

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	8-5/8"	24 #/ft	200'	170 sx	Surface
7-7/8"	4-1/2"	10.5 #/ft	5800'	700 sx	Above Ojo Alamo

Will drill 12-1/4" hole to 200 ft. and set 200 ft. of 8-5/8", J-55, 24# casing with 170 sx Class B cement with 3% CaCl<sub>2</sub>. Will drill 7-7/8" hole to TD. Will run open hole logs and if appears productive, will run 5800' of 4-1/2", J-55, 10.5# casing and cement with 800 sx Class H cement, with 2% gel. Circulating medium will be clear water and clay. Will set stage collar at approximately 4650 ft. and cement with 800 sx cement. Will perforate and stimulate as required. Minimum specifications for pressure controll equipment which is to be used - 10", 900 series double ram BOP.

## ESTIMATED TOPS

San Jose	Surface	Lewis	2215'
Ojo Alamo	1670'	Cliffhouse	3645'
Kirtland	1725'	Menefee	3720'
Fruitland	1910'	Point Lookout	4280'
Pictured Cliffs	2125'	Mancos	4525'
		Gallup	5404'

APPROVED  
UNLESS  
SPUD NOTICE MUST BE SUBMITTED  
WITHIN 10 DAYS

ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed [Signature] Title Operations Manager Date 12/5/83

(This space for State Use)

PROVED BY [Signature] TITLE SUPERVISOR DISTRICT # 3

CONDITIONS OF APPROVAL, IF ANY:

DATE DEC 6 - 1983

## OIL CONSERVATION DIVISION

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088  
SANTA FE, NEW MEXICO 87501Form C-107  
Revised 10-1-72

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

Operator <b>MERRION OIL &amp; GAS CORPORATION</b>			Lease <b>CANYON LARGO UNIT COM</b>		Well No. <b>334</b>
Unit Letter <b>J</b>	Section <b>15</b>	Township <b>24N</b>	Range <b>6W</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well: <b>1800</b> feet from the <b>South</b> line and <b>1790</b> feet from the <b>East</b> line					
Ground Level Elev: <b>6566</b>	Producing Formation <b>Gallup</b>		Pool <b>Devils Fork Gallup</b>		Dedicated Acreage: <b>160</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 Communitized

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.

Sec.		<b>RECEIVED</b> DEC 6 1983 OIL CON. DIV. SANTA FE	
		15	
		1790'	
		FEE	
		1800'	
		SF 078628	

Scale: 1"=1000'

## CERTIFICATION

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

Name  
**Steve S. Dunn**  
Position  
**Operations Manager**  
Company  
**Merrion Oil & Gas Corp.**  
Date  
**12/5/83**

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  
**October 27, 1983**  
Registered Professional Engineer and Land Surveyor  
**Fred B. Kerr Jr.**  
Certificate No. **3950**