

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

1785' FSL and 1785' FEL

At proposed prod. zone

Same

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

21 Miles South of Counselors

15. DISTANCE FROM PROPOSED\*  
LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

1785'

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

1565.56

3180' KB

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

6880' GL

6888' KB

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED  
"GENERAL REQUIREMENTS"

23.

PROPOSED CASING AND CEMENTING PROGRAM

22. APPROX. DATE WORK WILL START\*  
Winter 1986  
This action is subject to technical and  
procedural review pursuant to 43 CFR 3165.3  
and appeal pursuant to 43 CFR 3165.4.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8", J-55	23 #/ft.	90	80 sx (94.4 cu. ft.)
7-7/8"	5-1/2", J-55	13 #/ft.	3180	350 sx (as below)

Drill Mesaverde test to 3180'. Will set 8-5/8", 23 #/ft. J-55 surface casing (2 jts. Est. 82' at 90 ft. with 80 sx Class B 2% CaCl<sub>2</sub> (94.4 cu. ft.). Drill 7-7/8" hole to TD. Will run 5-1/2", 14 #/ft. K-55 to TD and single stage cement with 150 sx Class B 2% D-79 (309 cu. ft.) followed by 200 sx Class H 2% gel (244 cu. ft.). Estimated top of cement - surface. Perforate and stimulate as necessary to test Mesaverde. Pressure control will be 2000 PSI bag type blowout preventer. Drilling circulating medium will be low solids, non-dispersed, low water loss mud using bentonite, starch, CMC and fresh water.

*Surface casing not less than 100' ground level.*

Est. Tops on back.

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

TITLE

Operations Manager

DATE

1/14/86

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

OIL CON. DIV.  
DIST. 3

NMOCC

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-85

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

Operator <b>MERRION OIL &amp; GAS CORPORATION</b>			Lease <b>Corrales</b>		Well No. <b>5</b>
Unit Letter <b>J</b>	Section <b>3</b>	Township <b>20 North</b>	Range <b>6 West</b>	County <b>McKinley</b>	
Actual Footage Location of Well: <b>1785</b> feet from the <b>South</b> line and <b>1785</b> feet from the <b>East</b> line					
Ground Level Elev. <b>6880</b>	Producing Formation <b>Mesaverde</b>	Pool <b>Francisco Lake</b> <b>WC Mesaverde</b>		Dedicated Acreage: <b>40</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.

Sec.		<b>RECEIVED</b> <b>JAN 15 1986</b> <b>BUREAU OF LAND MANAGEMENT</b> <b>FARMINGTON RESOURCE AREA</b>	
		<b>3</b> <b>1785'</b> <b>NM 53926</b>	
		<b>1785'</b> <b>RECEIVED</b> <b>FEB 26 1986</b> <b>CON. DIV.</b>	
		<b>1785'</b>	

CERTIFICATION

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

*[Signature]*

Name  
**Steve S. Dunn**

Position  
**Operations Manager**

Company  
**Merrion Oil & Gas Corporation**

Date  
**12/18/85**

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  
**Dec. 12, 1986**

Registered Professional Engineer and Land Surveyor

*[Signature]*  
**Fred B. Kerr Jr.**

Certificate No.

**3950**

Scale: 1"=1000'

ES  
INTERIOR  
RVEY

276000m. E.

27°30'



