

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY30-045-25912
5. LEASE DESIGNATION AND SERIAL 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 ☐

2. NAME OF OPERATOR

Merrion Oil & 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

1750' FSL and 820' FEL

At proposed prod. zone

Same

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

30 miles South of Bloomfield

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drg. unit line, if any)

820'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

N/A

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

6386' GL

23. PROPOSED CASING AND CEMENTING PROGRAM

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.	6600'	785 sx.

Propose to drill 12-1/4" hole to 200' and set 200' of 8-5/8", 24 #/ft. surface casing with 175 sx. Will drill 7-7/8" hole to TD, run open hole logs. If appears productive, will run 4-1/2", 11.6 #/ft. casing to 6600' and cement 1st Stage with 450 sx Class H, 2% gel to cover Gallup and Dakota. Second Stage with tool @ 5225' with 165 sx Class B, 2% D-79 followed by 50 sx Class H, 2% gel to cover Mesa Verde. Third Stage tool @ 2752' with 70 sx Class B, 2% D-79 followed by 50 sx Class H, 2% gel to cover Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo. Will perforate and stimulate as necessary. 10" 900 series Double Ram preventers will be used in drilling. Drilling Fluid is gel starch, fresh water.

ESTIMATED TOPS

Ojo Alamo	1000'	Lewis	2100'	Graneros Sand	6329'
Kirtland	1315'	Mesa Verde	3545'	Main Dakota	6489'
Fruitland	1700'	Mancos	4560'	TD	6600'
Pictured Cliffs	1952'	Gallup	5460'		

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 [Signature] TITLE Operations Manager

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

MAR 09 1984

OIL CON. DIV.
DIST. 3

NMOCC

APPROVED 84

AS AMENDED

MAR 07 1984

DATE

AREA MANAGER
FARMINGTON RESOURCE AREA

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO

P. O. BOX 2088

Form C-107

ENERGY AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

Revised 10-1-78

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

Operator MERRION OIL & GAS CORPORATION			Lease WAGON TRAIN			Well No. 1		
Unit Letter I	Section 6	Township 25N	Range 8W	County San Juan				
Actual Footage Location of Well: 1750 feet from the South line and 820 feet from the East line								
Ground Level Elev. 6386	Producing Formation Gallup/Dakota		Pool Dufers Point Gallup Dakota			Dedicated Acreage: 160 Acres		
<p>1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.</p> <p>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).</p> <p>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?</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No If answer is "yes," type of consolidation _____</p> <p>If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____</p> <p>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.</p>								

RECEIVED MAR 09 1984 OIL CON. DIV. DIST. 3		RECEIVED FEB 10 1984 BUREAU OF LAND MANAGEMENT HARVINGDON DISTRICT OFFICE	
Sec.		6 NM 54982	
		820' 1750'	

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	<i>Steve S. Dunn</i>
Position	Operations Manager
Company	Merrion Oil & Gas Corporation
Date	12/21/83
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	December 13, 1983
Registered Professional Engineer and Land Surveyor	<i>Fred B. Kerr Jr.</i>
Certificate No.	3950

FIELD

GOULD PASS

