

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE*
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

50-031-20934

RECEIVED
BLM MAIL ROOM

LEASE DESIGNATION AND SERIAL NO.
NM 5980

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1A. TYPE OF WORK

DRILL ☒

DEEPEN ☐

B. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER ☐

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Merrion Oil & Gas Corp.

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

330' FSL and 2310' FWL

At proposed prod. zone

same

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

20 miles south of Counselors, New Mexico

15. DISTANCE FROM PROPOSED*

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

330'

16. NO. OF ACRES IN LEASE

480

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

Approx. 2000'

19. PROPOSED DEPTH

6,000'

20. ROTARY OR CABLE TOOLS

Rotary

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

6,785' GR

22. APPROX. DATE WORK WILL START*

April, 1988

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

PROPOSED CASING AND CEMENTING PROGRAM

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	
12-1/4"	9-5/8"	32 lb/ft	200 ft.	75 sx
8-3/4"	7"	23 lb/ft	6000 ft.	600 sx

Will drill 12-1/4" hole to 200' and set 200' of 9-5/8", 32 lb/ft, J-55 casing with 75 sx (89 cu.ft.) Class 'B', 2% CaCl₂. TOC at surface. Wait on cement 10 hours. Will pressure test to 600 psi for 30 minutes, prior to drillout. Drill 8-3/4" hole to 5,928' KB. Will run drillstem test of Entrada Interval. If Entrada appears productive, will drill to 6,000' KB. Run open hole logs. Will run 7", 23 lb/ft, J-55 casing to 6,000' and cement in two stages. First stage will pump 300 sx Class H 2% gel (366 cu.ft.) to cover from TD to above Gallup at 3,725', est. Will set stage tool at 2,950' est., and cement with 250 sx Class B 2% D-79 (515 cu.ft.) followed by 50 sx Class H (61 cu.ft.). Top of cement estimated at surface. Will perforate and stimulate as deemed necessary. Additional drilling program details included in attachment.

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

January 8, 1988

(This space for Federal or State office use)

PERMIT NO.

APPROVED DATE

FEB 25 1988

APPROVED

AS AMENDED

FEB 19 1988

AREA MANAGER

"Approval of this permit is based on the following conditions of approval, which are subject to change at any time without notice."

APPROVED BY

TITLE

OIL CON. DIV.
DIST. 3

holds legal or equitable rights
or title to this lease."

*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

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

Operator MERRION OIL & GAS CORPORATION			Lease Federal 21		Well No. 4
Unit Letter N	Section 21	Township 20 N	Range 5 W	County McKinley	
Actual Footage Location of Well: 330 feet from the South line and 2310 feet from the West line					
Ground Level Elev. 6785	Producing Formation Entrada	Pool Ojo Encino	Dedicated Acreage: 40 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.

N 89°59'W 80.12 CH.

80.00 CH.

RECEIVED
ELM MAIL ROOM
08 JAN 11 AM 9:30
FARMINGTON RESOURCE AREA
FARMINGTON, NEW MEXICO

SEC.

21

RECEIVED
FEB 25 1988
OIL CON. DIV.
DIST. 3

2310'

330'

N 0°02'W

CERTIFICATION

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

Steven S. Dunn

Name

Operations Manager

Position

Merrion Oil & Gas Corp.

Company

January 8, 1988

Date

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 Land Surveyor

