

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

465' FSL and 465' 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)

2175

16. NO. OF ACRES IN LEASE

1565.56

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.

19. PROPOSED DEPTH

3170' KB

20. ROTARY OR CABLE TOOLS

Rotary

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

6832' KB, 6824' GL

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

22. APPROX. DATE WORK WILL START*

Early 1986

23. 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"	8-5/8", J-55	23 #/ft	90	80 sx (94.4 cu. ft.)
7-7/8"	5-1/2", J-55	14 #/ft.	3170	350 sx (as below)
				<i>Circulate to Surface</i>

Drill Mesaverde test to 3170'. Will set 2 joints 8-5/8", 23 #/ft. J-55 surface casing (estimated 82' in length). at 90' KB with 80 sx Class B 2% CaCl2 (94.4 cu. ft.).

Drill 7-7/8" hole to TD. Will run logs. If logs appear productive, will run 5-1/2", 13 #/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.

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 *[Signature]* TITLE Operations Manager DATE 4/3/86
(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

JUN 06 1986

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

OIL CON. DIV.
DIST. 3

MINOC

*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.

All distances must be from the outer boundaries of the Section

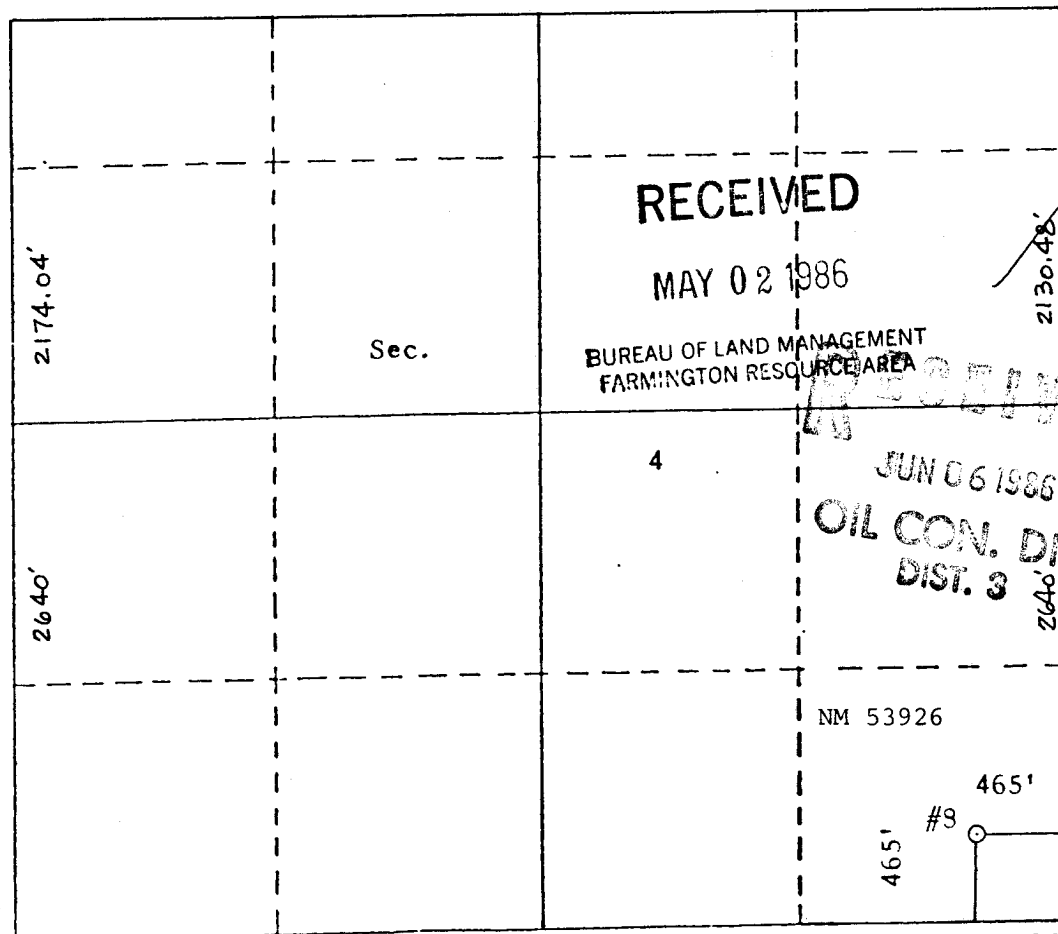
Operator MERRION OIL & GAS CORPORATION			Lease Corrales		Well No. 8
Unit Letter P	Section 4	Township 20 North	Range 6 West	County McKinley	
Actual Postage Location of Well: 465 feet from the South line and 465 feet from the East line					
Ground Level Elev. 6824'	Producing Formation Mesaverde	Pool WC Mesaverde		Dedicated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 Division.



CERTIFICATION

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

Steve S. Dunn

Position

Operations Manager

Company

Merrion Oil & Gas Corporation

Date

1/15/86

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

Jan. 11, 1986

Registered Professional Land Surveyor

Certificate No.

8894

GLO
BC.

276000m. E.

