

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.

NM 47169

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

SOB Federal Com

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Section 8, T25N, R8W

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

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 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface 1850 FNL & 990 FWL

At proposed prod. zone Same

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

15. DISTANCE FROM PROPOSED*

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

790 ft.

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

N/A

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH

6630

17. NO. OF ACRES ASSIGNED
TO THIS WELL

20. ROTARY OR CABLE TOOLS

Rotary

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

6441' G.L.

22. APPROX. DATE WORK WILL START*

June, 1982

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"	20 3/ft	200	175 sx
7-7/8"	4-1/2"	10.5 #/ft.	6630	785 sx

Propose to drill 12-1/4" hole to 200'. Will set 200' 8-5/8" 20 #/ft surface casing w/175 sx 'B' 2% CACL₂. Will drill 7-7/8" hole to 6,560 ft. Will run open hole logs. If appear productive will run new 4-1/2" 10.5 #/ft casing to TD and cement. 1st stage to cover Gallup and Dakota w/450 sx Class 'H' 2% gel. Will cement second stage to cover Mesaverde w/165 sx Class 'B' 2% D-79 followed by 50 sx 'H' 2% gel. Will cement third stage w/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 frac as required. 10" 900 series double ram blowout preventers will be used on all drilling. 6" 900 series double ram blowout preventer will be used on completion.

ESTIMATED TOPS

Ojo Alamo	1237	Mesaverde	3527
Kirtland	1357	Mancos	4637
Fruitland	1687	Gallup	5437
Pictured Cliff	1957	Greenhorn	6302
Lewis Shale	2152	Graneros	6387

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 3/12/82

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

APPROVED
AS AMENDED

APR 26 1982

For JAMES F. SIMS
DISTRICT ENGINEER

NMOCC

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

Operator Merrion Oil & Gas Corp.			Lease SOB Fed Com		Well No. 1
Unit Letter E	Section 8	Township 25N	Range 8W	County San Juan	

Actual Footage Location of Well:

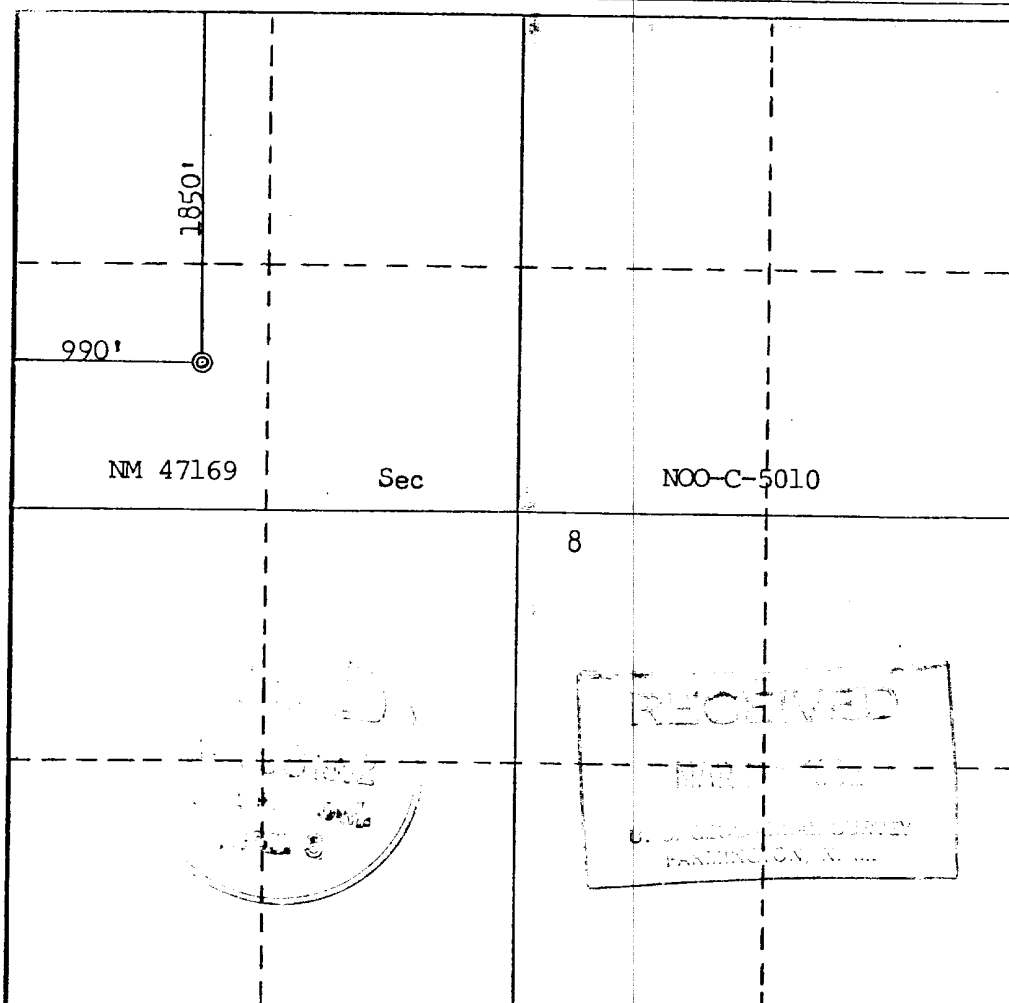
1850 feet from the North line and 990 feet from the West line	
Ground Level Elev. 6441	Producing Formation Dakota
Pool Basin	
Dedicated Acreage: 320 N 321.46 Acres	

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 will be 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.



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 Corporation

Date
3/12/82

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
March 9, 1982

Registered Professional Engineer and/or Land Surveyor
Fred B. Kerr Jr.

Certificate No.
3950

