

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-35986

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

660' FSL and 1980' FEL

At proposed prod. zone

Same

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

25 miles South of Bloomfield, New Mexico

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

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

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6517' GL

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED

5. LEASE DESIGNATION AND SERIAL NO.

SF 078475

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Stephenson

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Dufers Point Gallup Dakota

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

Sec. 8, T25N, R8W

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

16. NO. OF ACRES IN LEASE

1120

17. NO. OF ACRES ASSIGNED TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

Summer, 1984

23. PROPOSED DRILLING AND CEMENTING PROGRAM

This action is subject to administrative
appeal pursuant to 30 CFR 290.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4	8-5/8"	24 #/ft (J-55)	200' KB	175 sx (412 cu. ft.)
7-7/8"	4-1/2"	11.6 #/ft (J-55)	6720' KB	785 sx

Propose to drill 12-1/4" hole to 200' and set 200 ft. of 8-5/8", 24 #/ft. surface casing with 175 sx Class B (412 cu. ft.) cement. Will drill 7-7/8" hole to TP, run open hole logs. If appears productive, will run 4-1/2", 11.6 #/ft casing to 6720' KB and cement 1st Stage with 450 sx Class H (549 cu. ft.) with 2% gel to cover Gallup and Dakota. Second Stage with tool @ 4612' KB with 165 sx Class B (340 cu. ft.), 2% D-79 followed by 50 sx Class H (61 cu. ft.) 2% gel to cover Mesa Verde. Third Stage tool @ 2133 ft. with 70 sx Class B (144.2 cu. ft.) 2% D-79 followed by 50 sx (61 cu. ft.) Class H, 2% gel to cover Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo. Will perforate and stimulate as necessary. 10" 900 series Double R Preventers will be used in drilling.

Estimated tops on back.

RECEIVED

JUN 01 1984

OIL CON. DIV.

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 5/4/84

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

AS RECOMMENDED

MAY 30 1984

NMOCC

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

Operator MERRION OIL & GAS CORPORATION			Lease STEPHENSON		Well No. 1
Unit Letter 0	Section 8	Township 25N	Range 8W	County San Juan	
Actual Footage Location of Well: 660 feet from the South line and 1980 feet from the East line					
Ground Level Elev: 6517	Producing Formation Gallup/Dakota	Pool Dufers Point Gallup Dakota		Dedicated Acreage 160 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 Commission.

		RECEIVED JUN 01 1984 OIL CON. DIV. DIST. 3
		RECEIVED MAY 15 1984 BUREAU OF LAND MANAGEMENT SANTA FE, N.M.
Sec. 8		SF 078475

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 Steve S. Dunn	Position Operations Manager
Company Merrion Oil & Gas Corp.	
Date 5/1/84	
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 April 11, 1984	
Registered Professional Engineer and Land Surveyor Fred B. Kerr Jr.	
Certificate No. 3950	

3 6 55

8017022- N

B 12 n c o

352

H S F. 11

Wagon Train No. 1

Navajo B I

Navajo Tex.

Navajo NO

Proposed
Stephenson No.
Proposed
Stephenson

Proposed
Stephenson No.

Stephenson

ROSE NO

Federal J No

Mex. Fed

Stephenson No. 1

Vicinity Map for

MERRION OIL & GAS CORP. #4 STEPHENSON
660'FSL 1980'FEL Sec. 8-T25N-R8W
SAN JUAN COUNTY, NEW MEXICO

Cross
Lake