

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 a State requirement.)

At surface

840' FSL and 990' FSL

At proposed prod. zone

Same

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

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any) 1200'

16. NO. OF ACRES IN LEASE

1920

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.

N/A

19. PROPOSED DEPTH

5731'

20. ROTARY OR CABLE TOOLS

Rotary

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

6651' GL

DRILLING OPERATIONS AUTHORIZED ARE

SUBJECT TO COMPLIANCE WITH ATTACHED

"GENERAL REQUIREMENTS"

22. APPROX. DATE WORK WILL START*

Fall/1985

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	
13-1/2"	9-5/8", J-55	32 #/ft.	200	175 sx Class B, 3% CaCl2 (206.5)
8-3/4"	7", J-55	23 #/ft.	5753'	300 sx Class H, 4% gel (396)
			5731	275 sx Class H 4% gel (363)

Will drill 13-1/2" surface hole to 200 ft. and set 200 ft. of 9-5/8", 32 #/ft. J-55 grade casing with 175 sx Class B cement with 3% CaCl2. Will drill 8-3/4" hole to 5731 ft. Will run open hole logs. One drill stem test is planned at 5580' to test the Entrada Formation. If well appears productive, will run 5753' of 7", 23 #/ft. J-55 grade casing and stage cement. First stage will cement with 300 sx Class H, 50-50 poz with 4% gel. (1.32 cu. ft/sk. yield) 396 cu. ft. cement to cover from TD to above top of Gallup at 3424'. Will set stage tool @ 2400' est. and cement with 275 sx Class H, 50-50 poz, 4% gel (363 cu. ft.) to cover Mesaverde. Top of cement will be at surface estimated. Drilling circulating medium will be low solids, non-dispersed, low water loss mud using bentonite, starch, CMC and fresh water. Minimum specifications for pressure control is 10" 900 series double ram blow out preventer. Will perforate and stimulate as required for completion. Estimated 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

Operations Manager

(This space for Federal or State office use)

APPROVED
AS AMENDED

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY

OIL CON. DIV. TITLE

DIST. 3

NMOCC

*See Instructions On Reverse Side

DEC 30 1985

/s/ J. Stan McKee

M. MILLENBACH
AREA MANAGER

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 STAR LAKE-FEDERAL		Well No. 1
Unit Letter P	Section 28	Township 20N	Range 6W	County McKinley	
Actual Footage Location of Well: 840 feet from the South line and 990 feet from the East line					
Ground Level Elev. 6651	Producing Formation Entrada		Pool WC SC Entrada		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.

RECEIVED NOV 15 1985 BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA		RECEIVED JAN 02 1986 28 OIL CON. DIV. DIST. 3	
Sec.		990' 840' NM 13952	

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
11/14/85

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
November 12, 1985

Registered Professional Engineer
and Land Surveyor

Fred B. Kerr Jr.

Certificate No.

3950

Scale: 1"=1000'

