

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 &amp; 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

1220' FNL &amp; 1300' FEL (NENE)

At proposed prod. zone

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

± 21 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)

1220'

## 16. NO. OF ACRES IN LEASE

640

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

6040'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

6762' GR

DRILLING OPERATIONS AUTHORIZED ARE

SUBJECT TO COMPLIANCE WITH ATTACHED

## 22. APPROX. DATE WORK WILL START\*

July 13, 1993

23. *This section is subject to technical and procedural review pursuant to 43 CFR 3165.4, and appeal pursuant to 43 CFR 3165.4.*

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8", J-55	36#/ft	240'	150 sxs
8-3/4"	7", J-55	23#/ft	6040'	740 sxs (2 stages)

We propose to drill 12-1/4" surface hole to 240 ft and set 240 ft of 9-5/8", 36#, J-55 surface casing with 150 sx Class B (177 cu.ft.) 2% CaCl<sub>2</sub>. Will wait on cement 10 hrs, press test to 600 psi for 15 minutes. Will drill 8-3/4" hole to 6040 ft. Will run open hole logs. If well appears productive, we will run 6040 ft of 7", 23#, J-55 casing and cement 1st Stage with 290 sx (597 cu.ft.) Class B, 2% Sodium Metasilicate (yield 2.06 cu.ft.), followed by 75 sx (92 cu.ft.) Class H with 2% gel (yield 1.22 cu.ft./sx). Will circulate 3-4 hrs between stages. Second stage tool in Mancos at ± 2850'. Will cement with 275 sx (567 cu.ft.) Class B, 2% Sodium Metasilicate (yield 2.06 cu.ft./sx), followed by 100 sx (122 cu.ft.) Class H with 2% gel (yield 1.22 cu.ft./sx). Estimated top of cement is at the surface. We will perforate and stimulate as necessary to test the potentially productive intervals.

Additional drilling technical details are attached.

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

Steven S. Dunn

TITLE Operations Manager

DATE

6-4-93

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED  
AS AMENDED

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

JUL 13 1993

DISTRICT MANAGER

\*See Instructions On Reverse Side

AS AMENDED  
APPROVED

60

DISTRICT MANAGER

Submit to Appropriate  
District Office  
State Lease - 4 copies  
Fee Lease - 3 copies

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

RECEIVED  
BLM

93 JUN -7 AM 11:27

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

070 FARMINGTON, NM

Operator <b>MERRION OIL &amp; GAS CORPORATION</b>			Lease <b>High Hopes</b>		Well No. <b>1</b>
Unit Letter <b>A</b>	Section <b>28</b>	Township <b>20 N.</b>	Range <b>5 W.</b>	County <b>McKinley</b>	NMPM
Actual Footage Location of Well: <b>1220</b> feet from the <b>North</b> line and <b>1300</b> feet from the <b>East</b> line					
Ground level Elev. <b>6762'</b>	Producing Formation <b>Entrada</b>		Pool <b>Ojo Encino EXT</b>	Dedicated Acreage: <b>40</b> Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest 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 interest, has been approved by the Division.

OPERATOR CERTIFICATION

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

Signature

Printed Name

Steven S. Dunn

Position

Operations Manager

Company

Merrion Oil & Gas Corp.

Date

6-4-93

SURVEYOR CERTIFICATION

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

Signature of Registered Professional Surveyor

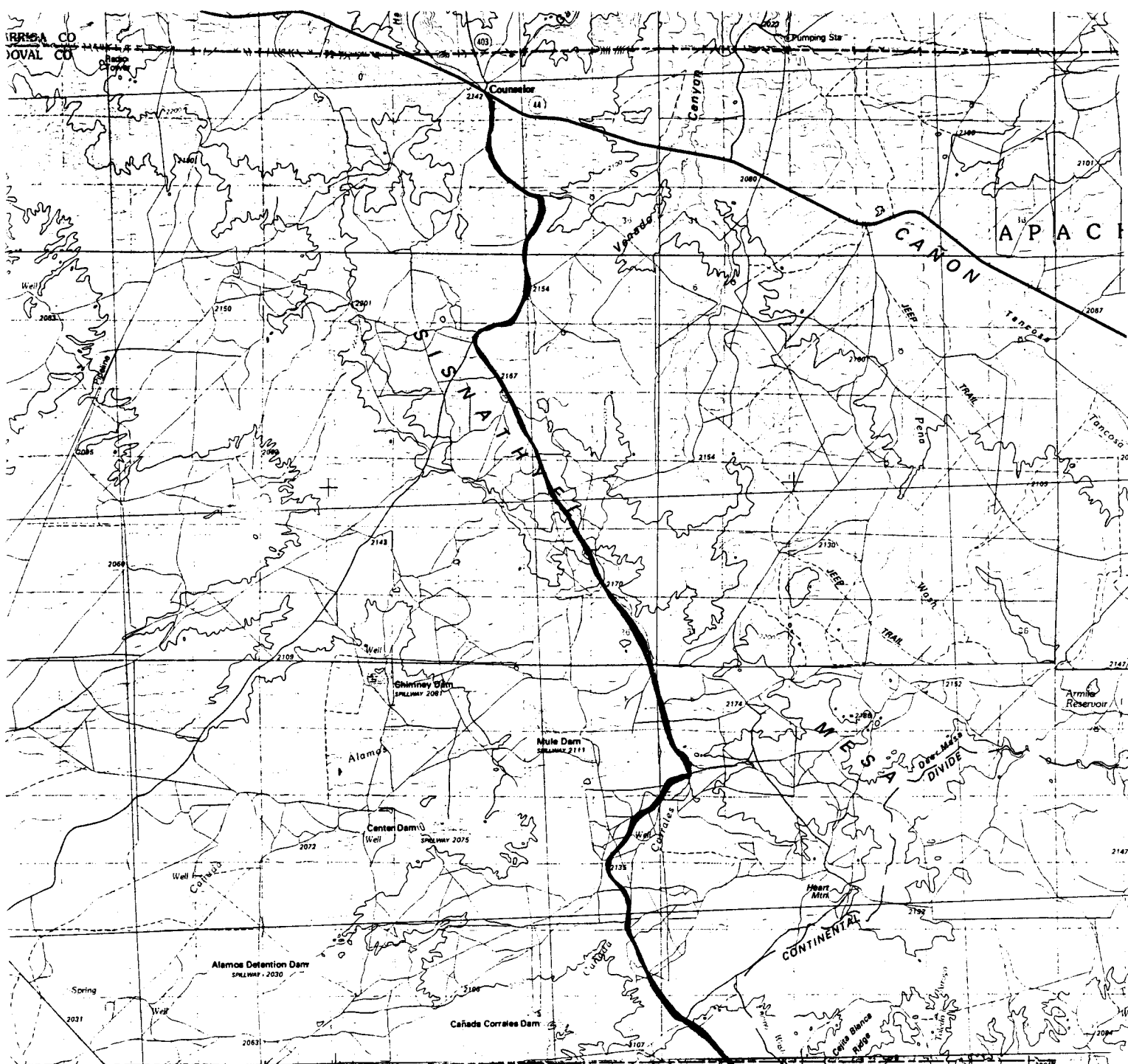
Certificate No.

6844

6844

RECEIVED  
JUL 19 1993  
OIL CON. DIV.  
DIST. 3

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0



# **MERRION OIL & GAS CORPORATION**

**HIGH HOPES No. 1**  
 Section 28, T20N, R5W  
 (NENE) 1220' FNL & 1300' FEL  
 McKinley County, New Mexico

