

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## 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

Merriam Oil &amp; 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  
1980' FSL and 1980' FWL  
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 drilg. unit line, if any)

660'

## 16. NO. OF ACRES IN LEASE

1120

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160'

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

1867'

## 19. PROPOSED DEPTH

6710' KB

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.) DRILLING OPERATIONS AUTHORIZED ARE

6501' GL, 6514' KB SUBJECT TO COMPLIANCE WITH ATTACHED

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

Summer, 1984

## 23. 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", J-55	24 #/ft.	200' KB	175 sx (412 cu. ft.)
7-7/8"	4-1/2", J-55	11.6 #/ft.	6710' 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 TD, run open hole logs. If appears productive, will run 4-1/2", 11.6 #/ft. casing to 6710' 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 @ 4606' 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 @ 2127 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 Ram Preventers will be used in drilling.

Estimated tops on back.

RECEIVED

JUN 01 1984

OIL CON. DIV.

DIST. 9

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 logs and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

TITLE Operations Manager

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

AS AMENDED

MAY 30 1984

AREA MANAGER  
FARMINGTON RESOURCE AREA

## OIL CONSERVATION DIVISION

STATE OF NEW MEXICO

P. O. BOX 2048

Form C-107

ENERGY AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

Revised 10-1-78

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

Operator <b>MERRION OIL &amp; GAS CORPORATION</b>			Lease <b>STEPHENSON</b>		Well No. <b>3</b>
Unit Letter <b>K</b>	Section <b>8</b>	Township <b>25N</b>	Range <b>8W</b>	County <b>San Juan</b>	
Actual Footage Location of Well:					
1980 feet from the South		line and		1980 feet from the West line	
Ground Level Elev: <b>6501</b>	Producing Formation <b>Gallup/Dakota</b>	Pool <b>Dufers Point Gallup Dakota</b>		Dedicated Acreage: <b>160</b> 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.

		<p style="text-align: center;">Sec.</p>	
		<p style="text-align: center;">8</p>	
<p style="text-align: center;">1980'</p>		<p style="text-align: center;">1980'</p>	

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 Corporation

Date  
4/24/84

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 4, 1984

Registered Professional Engineer  
and Land Surveyor

Fred S. Kerr Jr.

Certificate No. 4257  
3950

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

355 11 E.

412 20 N.

Bianco

Mesa

WASH

Wagon Train No. 1

Navajo B 1

Custer Federal No. 1

Navajo Tex.

Navajo No. 1

Proposed Stephenson No. 3

Proposed Stephenson No. 4

Stephenson No. 2

Rose No. 1

Federal J No. 1

Mex. Fed 1J

Stephenson No. 1

1 Pan

Warito No. 1

Wagon Train No. 1

Navajo B 1

Custer Federal No. 1

Navajo Tex.

Navajo No. 1

Proposed Stephenson No. 3

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Federal J No. 1

Mex. Fed 1J

Stephenson No. 1

1 Pan

Warito No. 1

Vicinity Map for

MERRION OIL & GAS CORP. #3 STEPHENSON

1980'FSL 1980'FWL Sec. 8-T25N-R8W

SAN JUAN COUNTY, NEW MEXICO

790 N  
790 FG

1500

20