

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

A. TYPE OF WORK  
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

B. TYPE OF WELL  
OIL WELL ☒ GAS WELL ☐ OTHER ☐  
SINGLE ZONE ☒ MULTIPLE ZONE ☐

C. NAME OF OPERATOR  
Merriam Oil & Gas Corporation

D. ADDRESS OF OPERATOR  
P. O. Box 1017, Farmington, New Mexico 87499

E. LOCATION OF WELL (Report location clearly and in accordance with BLM requirements.)  
At surface 990' FSL and 990' FWL

F. At proposed prod. zone  
Same

G. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE  
16 miles South of Farmington, New Mexico

H. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.  
(Also to nearest drg. unit line, if any)  
990

I. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
2150'

J. PROPOSED DEPTH  
5348' KB

K. ROTARY OR CABLE TOOLS  
0 - TD

L. APPROX. DATE WORK WILL START  
Summer, 1985

M. NO. OF ACRES ASSIGNED TO THIS WELL  
W 80

N. NO. OF ACRES IN LEASE  
160

O. PROPOSED CASING AND CEMENTING PROGRAM  
SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL CASING AND CEMENTING PROGRAM"

P. SIZE OF HOLE  
12-1/4"

Q. SIZE OF CASING  
8-5/8"

R. WEIGHT PER FOOT  
24 #/ft. J-55

S. SETTING DEPTH  
200'

T. 175 sx (206.5 cu. ft.)

U. 7-7/8"

V. 4-1/2"

W. 10.5 #/ft. J-55

X. 5348'

Y. 975 sx

Z. 175 sx (206.5 cu. ft.)

AA. 975 sx

AB. 175 sx (206.5 cu. ft.)

AC. 975 sx

AD. 175 sx (206.5 cu. ft.)

AE. 975 sx

AF. 175 sx (206.5 cu. ft.)

AG. 975 sx

5. LEASE DESIGNATION AND SERIAL NO.  
N00 C 7481 160-0-14-20-7481

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Allotted NAVAJO

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Charley J

9. WELL NO.  
1

10. FIELD AND POOL, OR ACRE  
Gallegos Gallup Extension

11. SEC., T., R., M., OR BLK.  
Sec. 21, T27N, R13W

12. COUNTY OR PARISH  
San Juan

13. STATE  
New Mexico

Will drill 12-1/4" surface hole to 200 ft. and set 200 ft. of 8-5/8", 24 #/ft. J-55 grade casing with 175 sx Class B cement with 3% CaCl2. Will drill 7-7/8" hole to 5348 ft. Will run open hole logs. No other testing planned. If well appears productive, will run 5348 ft. of 4-1/2", 10.5 #/ft. J-55 grade casing and stage cement. First stage will cement with 2% sx Class H 23 gel (1.22 cu. ft./sk. yield) 275 cu. ft. cement to cover Gallup interval from TD. Estimated top of cement is 4350 ft. Will set stage collar at 4150 ft. below Point of cement formation. Second stage will cement with 600 sx Class B 2% D-79 (2.06 cu. ft./sk.) 246 cu. ft. cement. Followed by 100 sx Class H 23 gel (1.22 cu. ft./sk. yield) 122 cu. ft. cement to cover Mesquite, Chacra, Picomed Cliffs, Fruitland and Ojo Alamo. Estimated top of cement is surface.

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", 93 series double ram blow out prevention. All perforations/stimulate as required for completion.

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RECEIVED  
APPROVED  
AS AMENDED

DEC 02 1985

NOV 27 1985

OIL CON. DIV.  
DIST. 3  
(SGD.) MAT MILLENBACH  
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 <b>MERRION OIL &amp; GAS CORPORATION</b>			Lease <b>Charley J</b>		Well No. <b>1</b>
Unit Letter <b>M</b>	Section <b>21</b>	Township <b>27N</b>	Range <b>13W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>990</b> feet from the <b>South</b> line and <b>990</b> feet from the <b>West</b> line					
Ground Level Elev. <b>6053</b>	Producing Formation <b>Gallup</b>		Pool <b>Gallegos Gallup Extension</b>		Dedicated Acreage <b>80</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>Sec.</p> <p>990'</p> <p>NOO C 7481</p>	<p align="center"><b>RECEIVED</b> JUL 18 1985 BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA</p>	<p align="center"><b>RECEIVED</b> DEC 02 1985 OIL CON. DIV. DIST. 3</p>
<p>990'</p> <p>NOO C 7481</p>	<p align="center">21</p>	

Scale: 1"=1000'

<b>CERTIFICATION</b>	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
Name <i>Steve S. Dunn</i>	
Position Operations Manager	
Company Merrion Oil & Gas Corporation	
Date 4/29/85	
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 April 23, 1985	
Registered Professional Engineer and Land Surveyor <i>Fred E. Kery Jr.</i>	
Certificate No. 4, AERO. 11, 1950	