

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
SUBMIT ON REVERSE SIDE  
(Other instructions on reverse side)

APR 18 1985

Form approved.  
Budget Bureau No. 1004-0136  
Expires August 31, 1985

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

990' FNL and 1650' FWL

At proposed prod. zone Same

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

8 miles East of Counselors, New Mexico

15. DISTANCE FROM PROPOSED\*

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

4400

16. NO. OF ACRES IN LEASE

2560

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.

2500

19. PROPOSED DEPTH

5790'

20. ROTARY OR CABLE TOOLS

Rotary

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

6810' GL

SUBJECT TO CONDITIONS ATTACHED  
"GENERAL REQUIREMENTS".

22. APPROX. DATE WORK WILL START\*

Summer/1985

23. PROPOSED CASING 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", J-55	20 #/ft.	200 ft.	175 sx
7-7/8"	4-1/2"	10.5 #/ft.	5790	875 sx.

Propose to drill 12-1/4" hole to 200 ft., set 200 ft. of 8-5/8", 20 #/ft. surface casing with 175 sx (206.5 cu. ft.) Class B 2% CaCl<sub>2</sub>. Will drill 707/8" hole to TD and run open hole logs. If logs appear productive, will run 4-1/2", K-55, 10.5 #/ft. new casing to TD and 2 stage cement. 1st stage: 175 sx Class H (213.5 cu. ft.) 2% gel to cover Gallup. Stage tool below Point Lookout @ 4550' est. 2nd Stage: 600 sx Class B w/2% D-79 (1236 cu. ft.) followed by 100 sx Class H (122 cu. ft.) 2% gel. Will bring cement above Ojo Alamo. Drilling mud will be low water loss gel, fresh water, starch. Will perforate and frac as necessary. Blowout prevention equipment will be 10" 900 series double ram.

Estimated Tops

San Jose	Surface	Point Lookout	4280
Ojo Alamo	1635	Mancos	4520
Pictured Cliffs	2110	Gallup	5340
Mesaverde	3625		

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 prevention program, if any.

24.

SIGNED

TITLE Operations Manager

DATE 2/7/85

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED  
AS AMENDED

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

APR 16 1985

M. MILLENBACH  
AREA MANAGER

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

\*See instructions On Reverse Side

ingly and willfully to make to any department or

## OIL CONSERVATION DIVISION

P. O. BOX 2048

Form C-107  
Revised 10-1-78STATE OF NEW MEXICO  
OIL AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

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

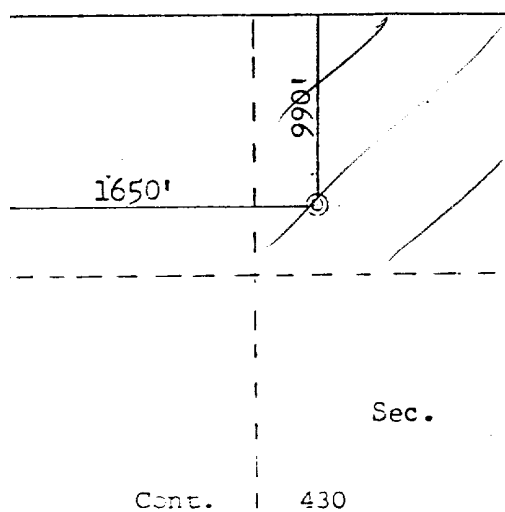
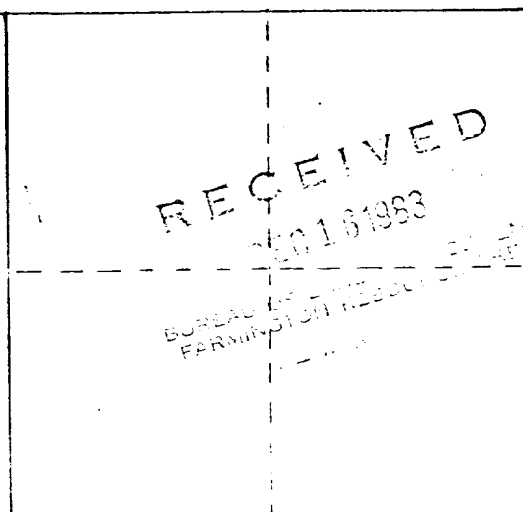
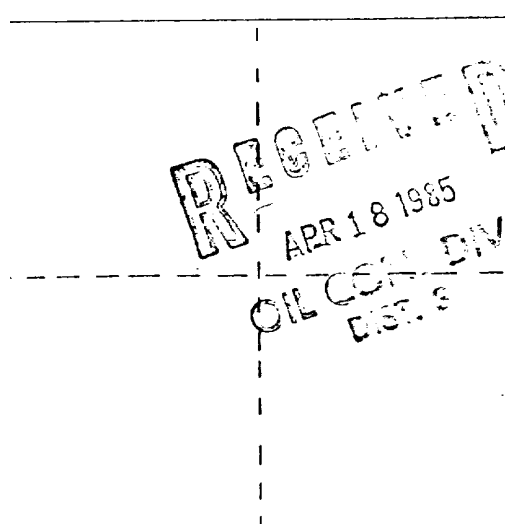
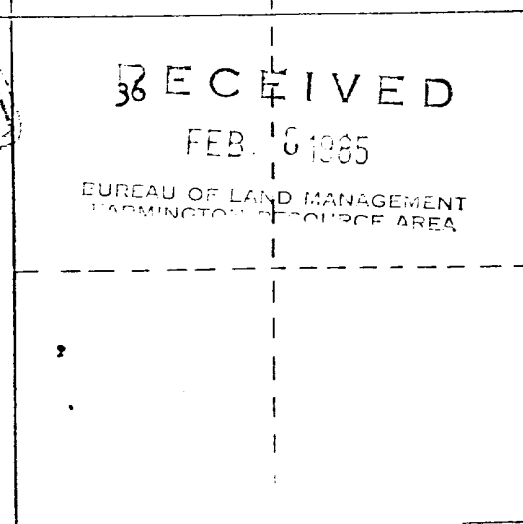
Operator <b>MERRION OIL &amp; GAS CORPORATION</b>			Lease <b>JICARILLA 430</b>		Well No. <b>6</b>
Well Letter <b>C</b>	Section <b>36</b>	Township <b>23N</b>	Range <b>5W</b>	County <b>Sandoval</b>	
Actual Footage Location of Well: <b>990</b> feet from the <b>North</b> line and <b>1650</b> feet from the <b>West</b> line					
Ground Level Elev: <b>6810</b>	Producing Formation <b>Gallup</b>		Pool <b>Otero-San Mateo</b> <b>Unders. Gallup</b>		Dedicated Acreage: <b>40</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.

## 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 &amp; Gas Corporation

Date

12/13/83

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

December 10, 1983

Registered Professional Engineer  
and Land Surveyor

Fred B. Kern Jr.

Certificate No.

1050

