

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*

Form approved.
Bureau No. 42-R1425.

(C. Instruktion)

RECEIVED

AUG 15 1983 SF 078874

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

2000' FNL and 820' FWL

At proposed prod. zone

Same

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

10 miles North of Counselors, NM.

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

820'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

2800'

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

6496 GL

23.

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

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"	24#	200'	225 sx. (463 cu. ft.)
7-7/8"	4-1/2"	10.5#	5850'	800 sx. (976 cu. ft.)

Will drill 12-1/4" hole to 200 ft and set 200 ft. of 8-5/8", K-55, 24# casing with 225 sacks class B cement with 3% CACL₂. Will run open hole logs and if appears productive, will run 5850' of 4-1/2", K-55, 10.5# casing and cement with 800 sacks Class H cement, 50-50 Poz mix w/2% gel. Circulating medium will be clear water and clay. Will set stage collar at approximately 4650' and bring cement up across Ojo Alamo formation. Will perforate and stimulate as required. Minimum specifications for pressure control equipment which is to be used - 10", 900 series double ram BOP.

ESTIMATED TOPS

San Jose	Surface	Cliff House	3635
Ojo Alamo	1580	Point Lookout	4260
Kirtland	1730	Gallup	5400
Fruitland	1980		
Pic. Cliffs	2135		

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

TITLE Operations Manager

DATE 6/20/83

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

AS AMENDED

AUG 11 1983

AREA MANAGER
FARMINGTON RESOURCE AREA

NIMCOO

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-10,
Supersedes C-12
Effective 1-1-65

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

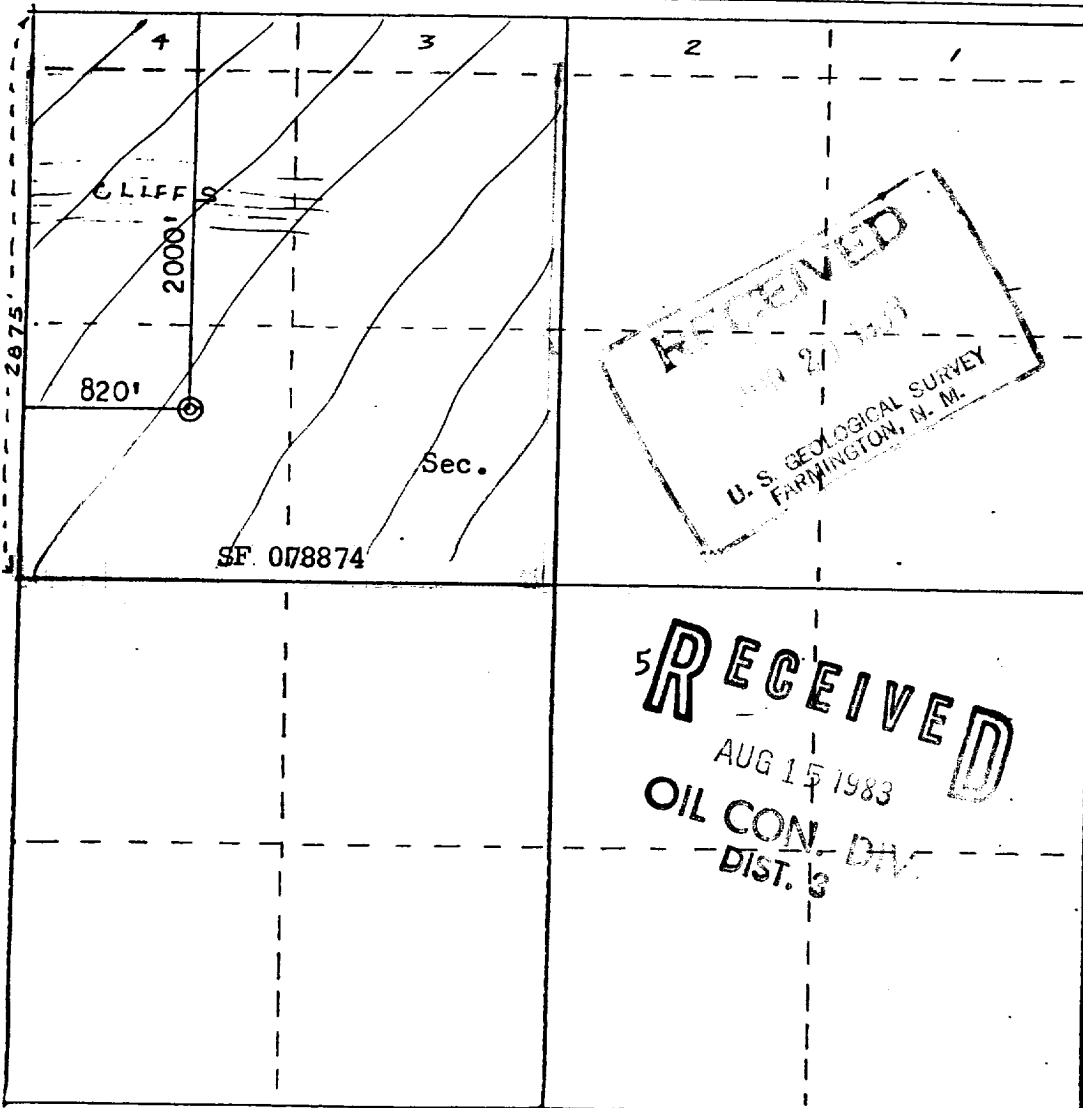
Operator MERRION OIL & GAS CORPORATION			Lease CANYON LARGO UNIT		Well No. 328
Unit Letter E	Section 5	Township 24N	Range 6W	County Rio Arriba	
Actual Footage Location of Well: 2000 feet from the North line and 820 feet from the West line					
Ground Level Elev: 6496	Producing Formation Gallup		Pool Devils Fork Gallup Assoc. Ext.		Dedicated Acreage: 160-177.85 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 & Gas Corporation

Date

7/20/83

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

June 2, 1983

Registered Professional Engineer and Land Surveyor

Fred B. Kern, Jr.

Certificate No. _____

21162500

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