

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYForm approved.
Budget Bureau No. 42-R1425.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐OTHER ☐SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Merriam Oil and Gas Corp.

3. ADDRESS OF OPERATOR

J. Gregory Merriam & Robert L. Bayless

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface 2424 FNL
& 1670 FEL

At proposed prod. zone

same

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

15. DISTANCE FROM PROPOSED*

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

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

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

6424 Groun

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"	24#	200'	150 sacks
7-7/8"	4-1/2"	10.5#	5619'	500 sacks

Will drill 12-1/4" hole to 200 ft. and set 200 ft. of 8-5/8", K-55, 24#, used casing with 150 sacks Class B cement w/3% CACL₂. Will run open hole logs and if appears productive will run 5619' of 4-12", K-55, 10.5#, used casing and cement with 500 sacks Class H cement, 50-50 pozmix w/2% gel. Circulating medium will be clear water and clay. Will set stage collar at approximately 4204 ft. 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

Ojo Alamo-----1364'

Kirtland-----1659'

Fruitland-----1794'

Pic. Cliffs---2044'

Cliff House-----3509'

Point Lookout----4209'

Gallup-----5269'

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

Operator

DATE July 10, 1981

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

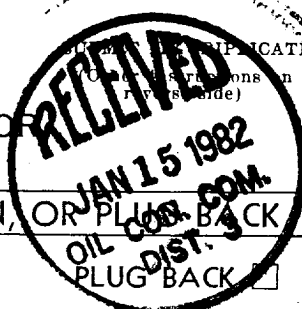
APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

Needs NWU from Artec office Hold C104 for it

NMOCG



30-039-22889

5. LEASE DESIGNATION AND SERIAL NO.

SF-078874 & SF-078957

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Canyon Largo Unit

9. WELL NO.

310

10. FIELD AND POOL, OR WILDCAT

Devils Fork Gallup

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

G Sec. 4, T24N, R6W

12. COUNTY OR PARISH 13. STATE

Rio Arriba NM

17. NO. OF ACRES ASSIGNED
TO THIS WELL

179.45

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

August 15, 1981

The State is hereby notified to administer

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

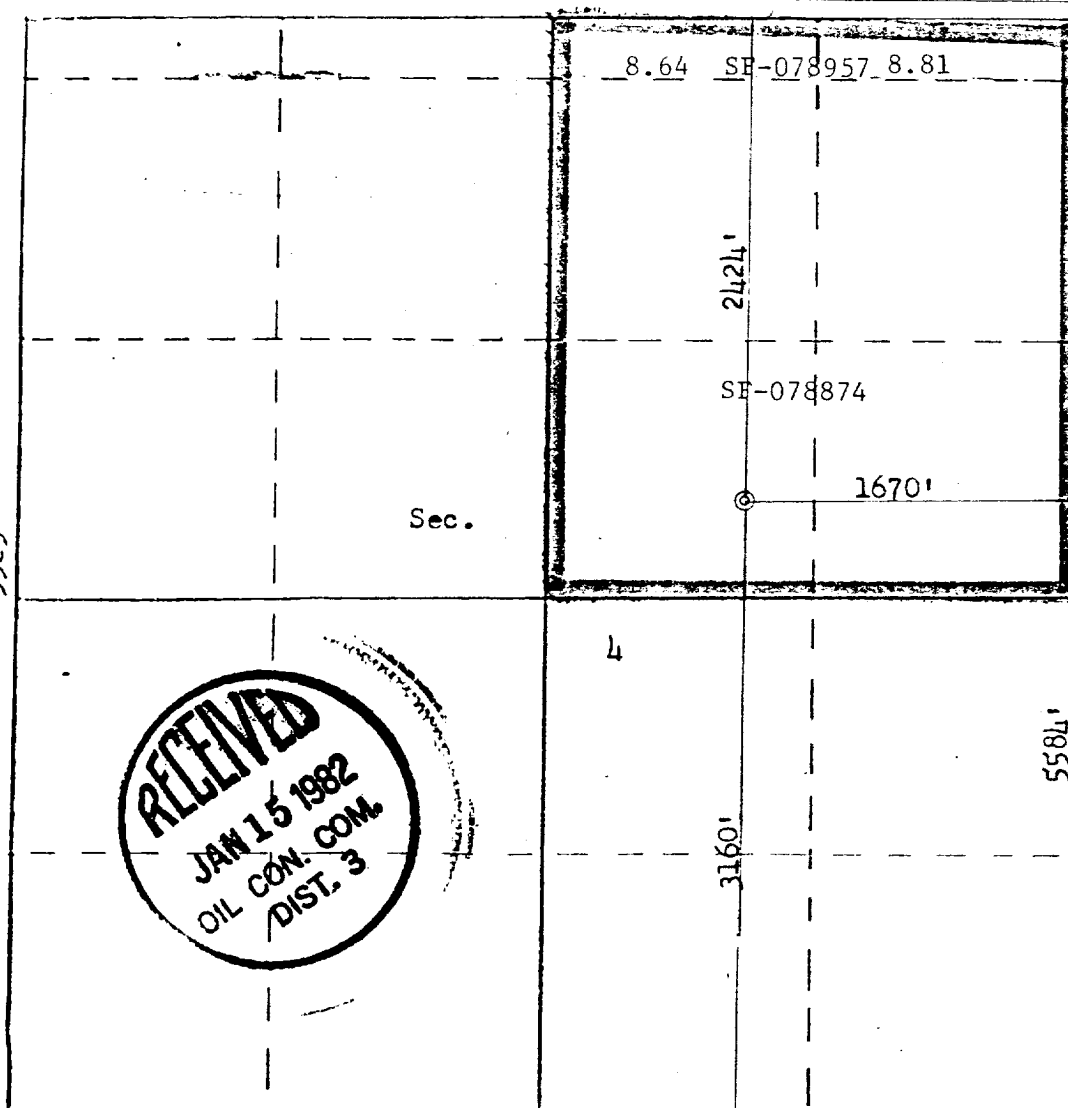
MERRION & BAYLESS		Lease		Well No.	
CANYON LARGO UNIT				310	
Section	Township	Range	County		
G 4	24N	6W	Rio Arriba		
Footage Location of Well:		line and			
2424 feet from the North		1670 feet from the East			
Ground Level Elev:	Producing Formation	Pool	Dedicated Acreage:		
6424	Gallup	Devils Fork Gallup	179.45 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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). Both leases have identical ownership.
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

Robert L. Bayless

Position

Co-Owner

Company

Merrion & Bayless

Date

July 10, 1981

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 22, 1981

Registered Professional Engineer and Land Surveyor

3950
 Registered Professional Engineer and Land Surveyor
 State of New Mexico
 License No. 3950

Scale: 1" = 1000'