

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 & Gas Corp
J. Gregory Merriam & Robert L. Bayless

3. ADDRESS OF OPERATOR

P.O. Box 1541, Farmington, NM 87401

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

At surface 1850' f South & West lines

At proposed prod. zone 2150' W

same

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

OFFICE*
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any) 185018. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

16. NO. OF ACRES IN LEASE

2560

19. PROPOSED DEPTH

5700

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

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

6417
6409 GroundDRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED"GENERAL REQUIREMENTS"
PROPOSED CASING AND CEMENTING PROGRAM

22. APPROX. DATE WORK WILL START*

Aug. 15, 1981

This action is subject to
approval of the District Engineer
QUANTITY OF CEMENT

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4	8-5/8	28#	200	150 sacks
7-7/8	4-1/2	10.5#	5700	500 sacks

Will drill 12-1/4" hole to 200 ft. and set 200 ft. of 8-5/8", K-55, 28#, used casing with 150 sacks Class B cement w/3% CACL₂, circulated. Will run open hole logs and if appears productive will run 5700' of 4-1/2", K-55, 10.5#, new 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 4400 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

Ojo Alamo-----1505
Pic. Cliffs----2125
Chacra-----2930
Cliffhouse----3630
Mancos-----4495
Gallup-----5370

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 8, 1981

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

Need NSL
OK

NMOC

30-039-23082

5. LEASE DESIGNATION AND SERIAL NO.

SF 078877

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Canyon Largo Unit

9. WELL NO.

306

10. FIELD AND POOL, OR WILDCAT

Devils Fork Gallup Ext

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

K Sec. 11, T24N, R6W

12. COUNTY OR PARISH 13. STATE

Rio Arriba

N.M.

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

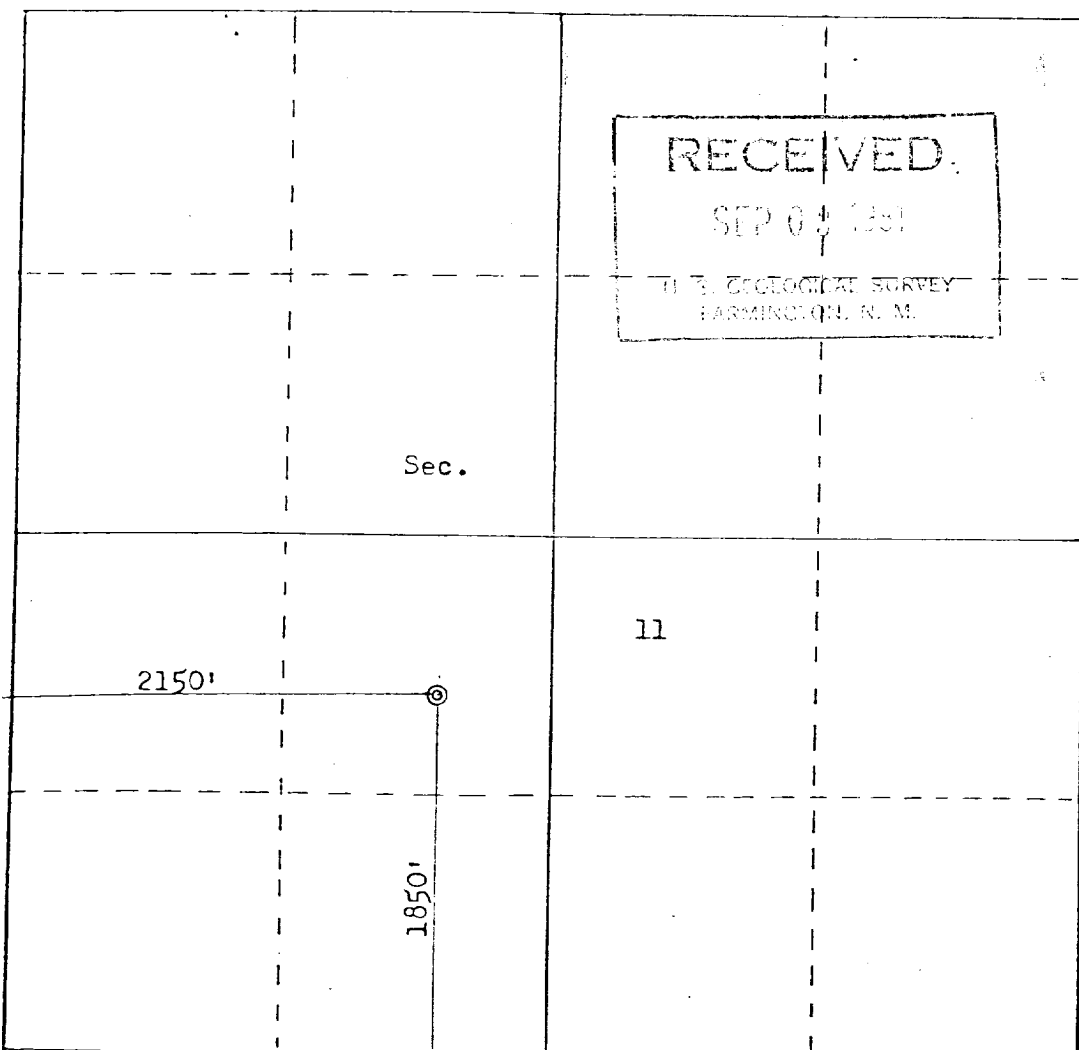
Operator MERRION & BAYLESS			Lease Canyon Largo		Well No. 306
Unit Letter K	Section 11	Township 24N	Range 6W	County Rio Arriba	
Actual Footage Location of Well: 1850 feet from the South line and 2150 feet from the West line					
Ground Level Elev. 6417	Producing Formation Gallup		Pool Devils Fork Gallup	Assoc. Ext.	Dedicated Acreage: 160 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).
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.



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
Robert L. Bayless

Position
Operator

Company
Merrion & Bayless

Date
September 2, 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

August 31, 1981
Registered Professional Engineer
and Land Surveyor

Fred B. Kerr Jr.

Certificate No. **3950**
State of **NEW MEXICO**

MERRION & BAYLESS
Canyon Largo Unit #306
1850' FSL & 2150' FWL
Section 11, T24N, R6W
Rio Arriba County, N.M.

Existing Access:
Proposed Access:

