

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

J. Gregory Merriam & Robert L. Bayless

3. ADDRESS OF OPERATOR

P.O. Box 507, Farmington, NM 87401

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

At surface

2154FWL & 1850 FWL

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.)

6392 Ground

16. NO. OF ACRES IN LEASE

2559

19. PROPOSED DEPTH

5587'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

180.15

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

August 15, 1981

23.

PROPOSED CASING AND CEMENTING PROGRAM

This action is subject to administrative
appeal.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	
12-1/4"	8-5/8"	24"	200'	150 sacks
7-7/8"	4-1/2"	10.5#	5587'	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 5587' of 4-1/2", 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 4172 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-----1332'
Kirtland-----1627'
Fruitland-----1762'
Pic. Cliffs----2012'

Cliff House-----3477'
Point Lookout----4177'
Gallup-----5237'

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:

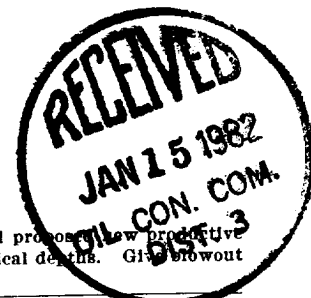
Needs approval from Aztec Office

Hold close for 7

APPROVED

AS AMENDED

JAN 13 1982

For JAMES F. SMIS
DISTRICT ENGINEER

**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.

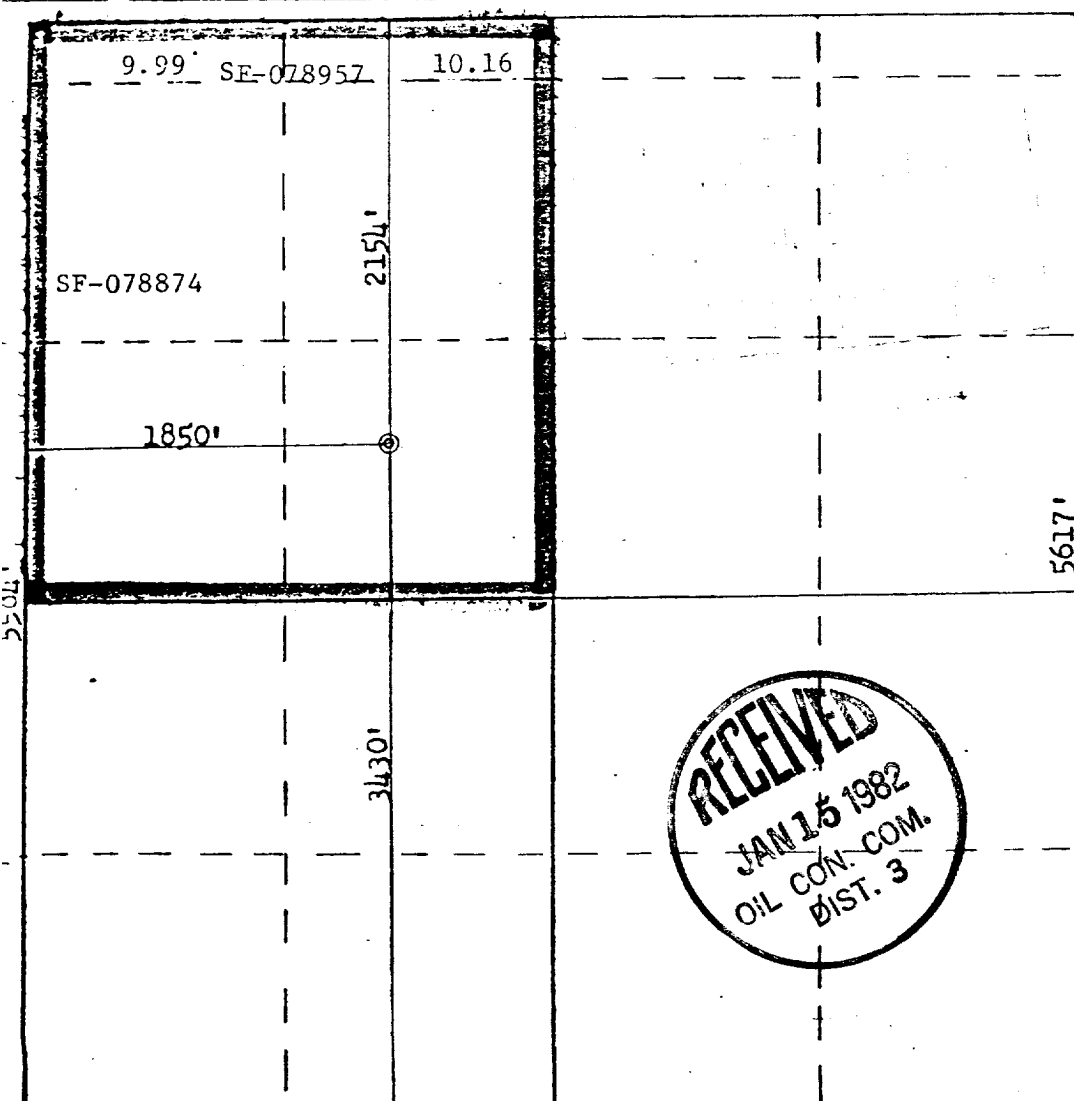
Merrion & Bayless		Lease CANYON LARGO UNIT		Well No. 311
F	Section 3	Township 24N	Range 6W	County Rio Arriba
Footage Location of Wells: 2154 feet from the North line and 1850 feet from the West line				
Sound Level Elev: 6392	Producing Formation Gallup		Pool Devils Fork	Dedicated Acreage: 180.15 Acres

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). 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.

Robert L. Bayless
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