

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 Merrion & 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 790' FSL & 1850' 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.

16. NO. OF ACRES IN LEASE

2560

19. PROPOSED DEPTH

5850'

17. NO. OF ACRES ASSIGNED

TO THIS WELL

80

20. ROTARY OR CABLE TOOLS

Rotary

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

6659' GL

22. APPROX. DATE WORK WILL START*

As soon as Approved

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"	28#	200'	150 sacks, circulated
7-7/8"	4-1/2"	10.5#	5850'	500 sacks

This casing and cement program is subject to appeal pursuant to 30 CFR 250.10.

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 5850 ft. 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 4550 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	Cliff House-----3745'
Ojo Alamo-----1600'	Point Lookout--4445'
Kirtland-----1895'	Gallup-----5500'
Fruitland----2030'	
Pic. Cliffs--2280'	

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

Feb. 25, 1981

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AS AMENDED

MAR 27 1981

JAMES F. SIMS
DISTRICT ENGINEER

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
DEPT. OF MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-107
Revised 10-1-78

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

Operator MERRION & BAYLESS			Lease CANYON LARGO UNIT		Well No. 303
Unit Letter 0	Section 5	Township 24N	Range 6W	County Rio Arriba	
Actual Footage Location of Well: 790 feet from the South line and 1850 feet from the East line					
Ground Level Elev. 6659	Producing Formation Gallup		Pool Devils Fork Gallup		Dedicated Acreage: 80 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.

		Sec.	
		5	
		1850	

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	Co-Owner
Company	Merrion & Bayless
Date	February 25, 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	February 20, 1981
Registered Professional Engineer and Land Surveyor <i>Fred E. Kern Jr.</i> Fred E. Kern Jr.	
Certificate No.	3950

MERRION & BAYLESS
Canyon Largo Unit #303
790 FSL & 1850 FEL
Section 5, T24N, R6W
Arriba County, New Mexico

Proposed Road:
Existing Road:
ACCESS ROUTE:

