

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 and 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 FSL and 1850 FWL

At proposed prod. zone  
same

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

17 miles south of Farmington

## 15. DISTANCE FROM PROPOSED\*

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

1850'

## 18. DISTANCE FROM PROPOSED LOCATION\*

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

980'

## 16. NO. OF ACRES IN LEASE

156.30

## 19. PROPOSED DEPTH

1250'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

156.30

## 20. ROTARY OR CABLE TOOLS

Rotary

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

5954' GL

## 22. APPROX. DATE WORK WILL START\*

Sept. 5, 1979

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9"	7"	23 lb.	90'	30 sacks
5"	2-7/8"	6.4 lb.	1250'	175 sacks circulated to surface

Will drill 9" hole to 90 ft. and set 90 ft. of 7", 23 lb., J-55 casing, used, with 30 sacks cement. Will drill 5" hole to 1250 ft. and run ES-Induction logs. No abnormal pressures nor temperatures are anticipated. If appears productive, will run 1250 ft. of 2-7/8", 6.4 lb., J-55 casing, used, and cement with 175 sacks Class H cement and 2% D-79. Will perforate and stimulate as required. Blowout preventer schematic drawing attached. Circulating medium will be clear water, natural mud and water loss control additives. The gas from this formation is dedicated.

## ESTIMATED TOPS

FORMATION	DEPTH	CONTENT
Ojo Alamo	Surface	
Kirtland	50'	
Fruitland	850'	
Pictured Cliffs	1116'	Gas

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.

Original Signed By

SIGNED

ROBERT L. BAYLESS

TITLE

Co-Owner

DATE

August 17, 1979

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

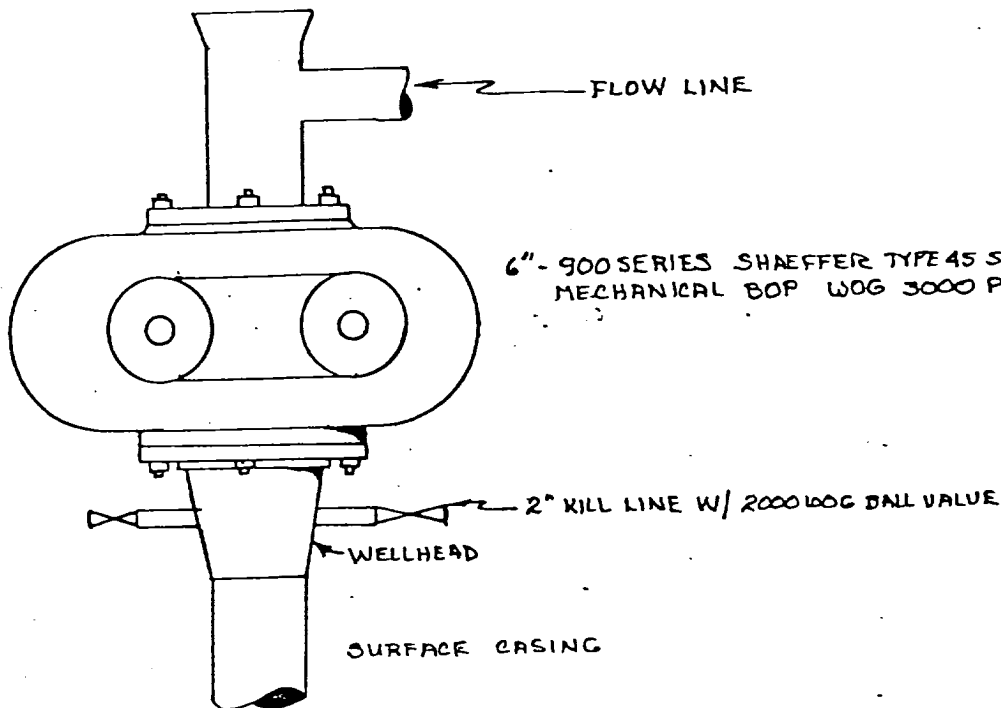
TITLE

CONDITIONS OF APPROVAL, IF ANY:

# SURFACE WELL CONTROL EQUIPMENT

## SCHEMATIC

MERRION & BAYLESS  
Chaco #2-R  
Section 7, T26N, R12W  
San Juan County, New Mexico



MERRION~BAYLESS

APPROVED BY:

SCALE: NONE

DRAWN BY: SSD

DATE: 8/15/79

REVISED

SCHEMATIC

DRAWING NUMBER