

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

1250' ON 790 FSL and 790 FEL

At proposed prod. zone

same

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

Approximately 15 miles south of Farmington, NM

15. DISTANCE FROM PROPOSED\*  
LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

790'

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

0

## 16. NO. OF ACRES IN LEASE

160

## 19. PROPOSED DEPTH

1400'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160

## 20. ROTARY OR CABLE TOOLS

Rotary

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

5952' GL

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

Upon Receipt of Approval

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9"	7"	20 lb.	90'	25 sacks
6-1/4"	4-1/2"	9.5 lb.	1335'	150 sacks circulated to surface

Will drill 9" hole to 90 ft. and set 90 ft. of 7" 20 lb., J-55 used casing with 25 sacks cement. Will drill 6-1/4" hole to 1335 ft. and will run 1335 ft. of 4-1/2", 9.5 lb. J-55 used casing and cement with 150 sacks Class H and 2% D-79. No abnormal pressures nor temperatures are anticipated. Circulating medium will be clear water, natural mud and water loss control additives. Will drill out with air to test Fruitland zone to 1400 ft. Will run Gamma Ray-Neutron logs. Blowout preventer schematic drawing attached. The gas from this formation is not dedicated.

## ESTIMATED TOPS

## FORMATION

## DEPTH

## CONTENT

Alluvium

surface

Ojo Alamo

310'

Kirtland

420'

Fruitland

1120'

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

TITLE Co-Owner

DATE

August 20, 1979

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

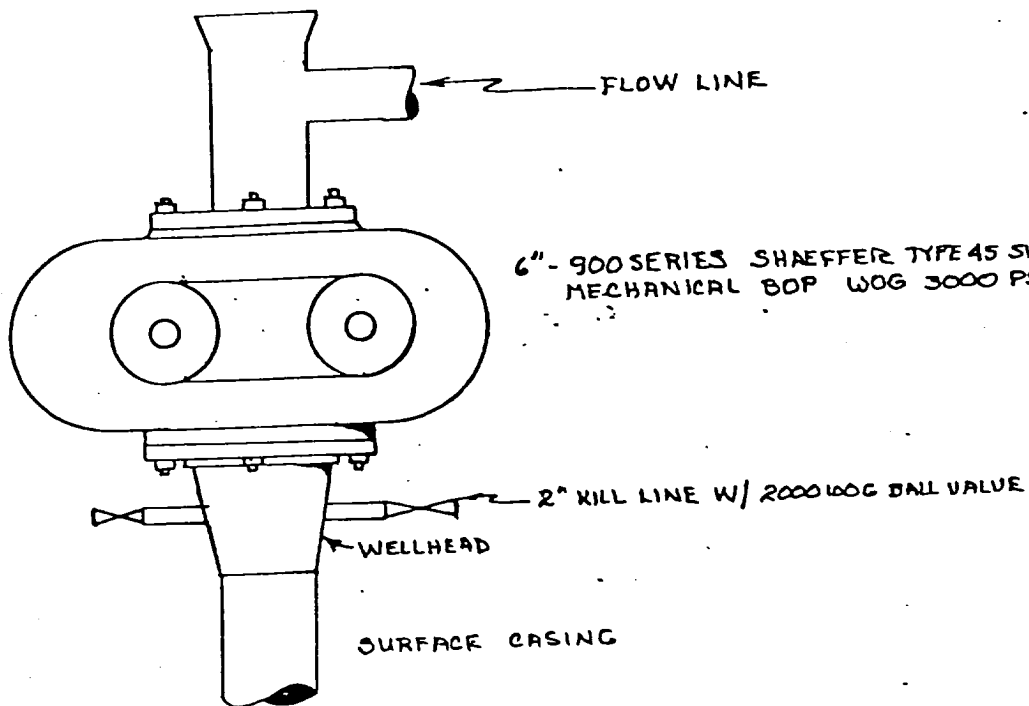
DATE

CONDITIONS OF APPROVAL, IF ANY:

# SURFACE WELL CONTROL EQUIPMENT

## SCHEMATIC

MERRION & BAYLESS  
Da On Pah #1  
Section 35, T27N, R12W  
San Juan County, New Mexico



MERRION~BAYLESS

DRAWN BY SSD

REVISED

APPROVED BY:

SCALE: NONE

DATE: 8/15/79

SCHEMATIC

DRAWING NUMBER