

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

~~790 FSL and 790 FEL~~At proposed prod. zone **1740 FSL & 820 FEL**
same

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

Approx. 15 miles south of Farmington, NM

10. DISTANCE FROM PROPOSED*

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

790'

16. NO. OF ACRES IN LEASE

160

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

18. DISTANCE FROM PROPOSED LOCATION*

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

0

19. PROPOSED DEPTH

1310'

20. ROTARY OR CABLE TOOLS

Rotary

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

~~5910' GL~~ **5935' 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 ft.	25 sacks
6-1/4"	4-1/2"	9.5 lb.	1245 ft.	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 1245 ft. and will run 1245 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 1310 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

-260' 285'

Kirtland

-370' 395'

Fruitland

-1070' 1095' 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

ROBERT L. BAYLESS

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:

*See Instructions On Reverse Side

SURFACE WELL CONTROL EQUIPMENT

SCHEMATIC

MERRION & BAYLESS
Pete #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

