

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

SHERMAN F. WAGENSELLER

3. ADDRESS OF OPERATOR

BRANA CORP, 1223 First Interstate Bldg, Albuquerque, NM 87102

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

At surface 790' fwl and 2310' fsl

At proposed prod. zone SAME

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

7 miles SW of Lindrith, 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.

2160

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

7303 Gr.

23.

PROPOSED CASING AND CEMENTING PROGRAM

This action is subject to administrative
appeal pursuant to 30 CFR 290.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11 1/2"	8 5/8"	32#-J	100'	35CF, circulate
6 1/4"	4 1/2"	11#-K	3250'	360CF-Circulate

Plan to spud 11 1/2" hole and drill to 110' and set 100' of 8 5/8" casing and cement with 35CF of cement. Drill 6 1/4" hole to 3250' or sufficient depth to test the Pictured Cliffs formation and run appropriate logs. If production is indicated, 4 1/2" casing will be run to total depth, cemented with 360CF of cement, perforate and stimulate. Will run 2 3/8" tubing for production. 10" Schaffer Double gate hydraulic BOP tested to 3000 psi will be on well during all drilling operations.

Important geologic markers and depths expected: Ojo Alamo 2670, Kirtland 2770, Fruitland 2920 and Pictured Cliffs 3060.

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, cave blowout preventer program, if any.

24.

SIGNED

TITLE Morris B. Jones, Engineer

(This space for Federal or State office use)

BRANA CORPORATION

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

Add 104 for NSL

NSL 1736

RECEIVED
SEP 22 1983OIL CON DIV
DIST. 3

August 2, 1983

APPROVED

AS AMENDED

DATE SEP 20 1983

R. Brichman
Asst. AREA MANAGER
FARMINGTON RESOURCE AREA