

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 AND OFFICE

BRANA CORPORATION

First Interstate Bldg, Suite 1223, Albqu, NM 87102

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

At surface

790' fn and el

At proposed prod. zone

SAME

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

6 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.

3700' West

## 16. NO. OF ACRES IN LEASE

U. S. GEOLOGICAL SURVEY  
FARMINGTON, N. M.

1869.43

## 19. PROPOSED DEPTH

3200'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160.00

## 20. ROTARY OR CABLE TOOLS

Rotary

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

7241 Gr.

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

Sept. 1, 1982

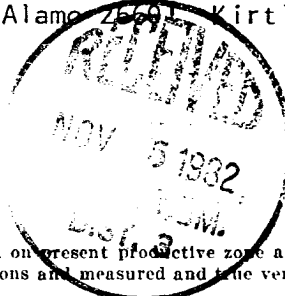
## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11 1/2	8 5/8	32.00-J-55	100	100 sxs-circulate
6 3/4	4 1/2	11.00, K-55	3200	150 sxs-est top @ 2000'

Plan to spud 11 1/2" hole and drill to 110', set 100 feet of 8 5/8" casing with sufficient cement to circulate. Drill 6 3/4" hole to 3200' or sufficient depth to test the Pictured Cliffs formation and run appropriate logs. If production is obtained, will run 4 1/2" casing to total depth, cement with 150 sxs, perforate and stimulate. Will run 2 3/8" tubing for production string. 10" Schaffer Double gate hydraulic BOP tested to 3000 psi will be on well during all drilling operations.

Important geologic markers and depth expected: Ojo Alamo 2660', Kirtland 2845', Fruitland 2880' and Pictured Cliffs 2990'.



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

Morris B. Jones, Engineer

BRANA CORPORATION

DATE August 3, 1982

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED  
AS AMENDED

NOV 04 1982

For JAMES F. SIMS  
DISTRICT ENGINEER

\*See Instructions On Reverse Side

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-10,  
Supersedes C-1, 2, 3  
Effective 1-1-67

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

Operator <b>SHERMAN F. WAGENSELLER</b>			Lease <b>Mobil Apache 18</b>		Well No. <b>#2</b>
Unit Letter <b>A</b>	Section <b>18</b>	Township <b>23 North</b>	Range <b>2 West</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> <span>790' feet from the North line and</span> <span>790' feet from the East line</span> </div>					
Ground Level Elev. <b>7241</b>	Producing Formation <b>Pictured Cliffs</b>		Pool <b>South Blanco</b>	Dedicated Acreage: <b>160.00</b> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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.

SECTION 18  
 T. 23 N.    R. 2 W.

Mobil-Apache 18 #2  
 790'

**CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*Morris B. Jones*

**Morris B. Jones**  
Position

**Engineer**  
Company  
**BRANA CORPORATION**

Date  
**August 3, 1982**

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  
**July 19, 1982**

Registered Professional Engineer  
and a Land Surveyor

*Fred D. Marmion*

Certification No. **2031**  
**N.M.**

5

3

15

1

