

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, First Interstate Bldg, Suite 1223, Albuquerque, NM 87102

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

At surface

1850' fwl and 1120' fs

At proposed prod. zone

Same

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

6 miles Southwest of Lindrith, New Mexico

15. DISTANCE FROM PROPOSED\*

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

1120 fs

16. NO. OF ACRES IN LEASE

1280

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.

2360' south

19. PROPOSED DEPTH

3100

20. ROTARY OR CABLE TOOLS

Rotary

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

7305 Gr.

22. APPROX. DATE WORK WILL START\*

Nov. 15, 1981

23.

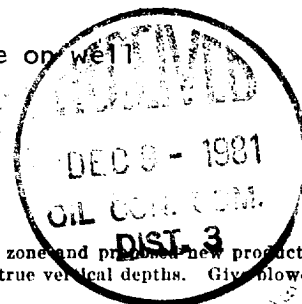
PROPOSED CASING AND CEMENTING PROGRAM

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
7 7/8	4 1/2	11.0 J-55	3100	100 sxs

USGS has required more cement

Plan to spud 11 1/2" hole, drill to 115 feet and set 100 feet of 8 5/8" casing with sufficient cement to circulate. Drill 7 7/8" hole to 3100 feet or sufficient depth to test the Pictured Cliffs formation and run appropriate logs. If production is indicated, will run 4 1/2" casing to total depth, cement with 100 sxs, perforate and stimulate. Will run 2 3/8" tubing for production string.

10" Double gate hydraulic Schaffer BOP tested to 3000 psi will be on well during all drilling operations.



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*

TITLE

Morris B. Jones

Engineer, Brana Corporation

DATE 10-26-81

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

(Orig. Sgd.) RAYMOND W. VINYARD

RAYMOND W. VINYARD

APPROVED BY

TITLE

ACTING DISTRICT SUPERVISOR

DATE

DEC 9 1981

CONDITIONS OF APPROVAL, IF ANY:

TAE

\*See Instructions On Reverse Side

NMOCC

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

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

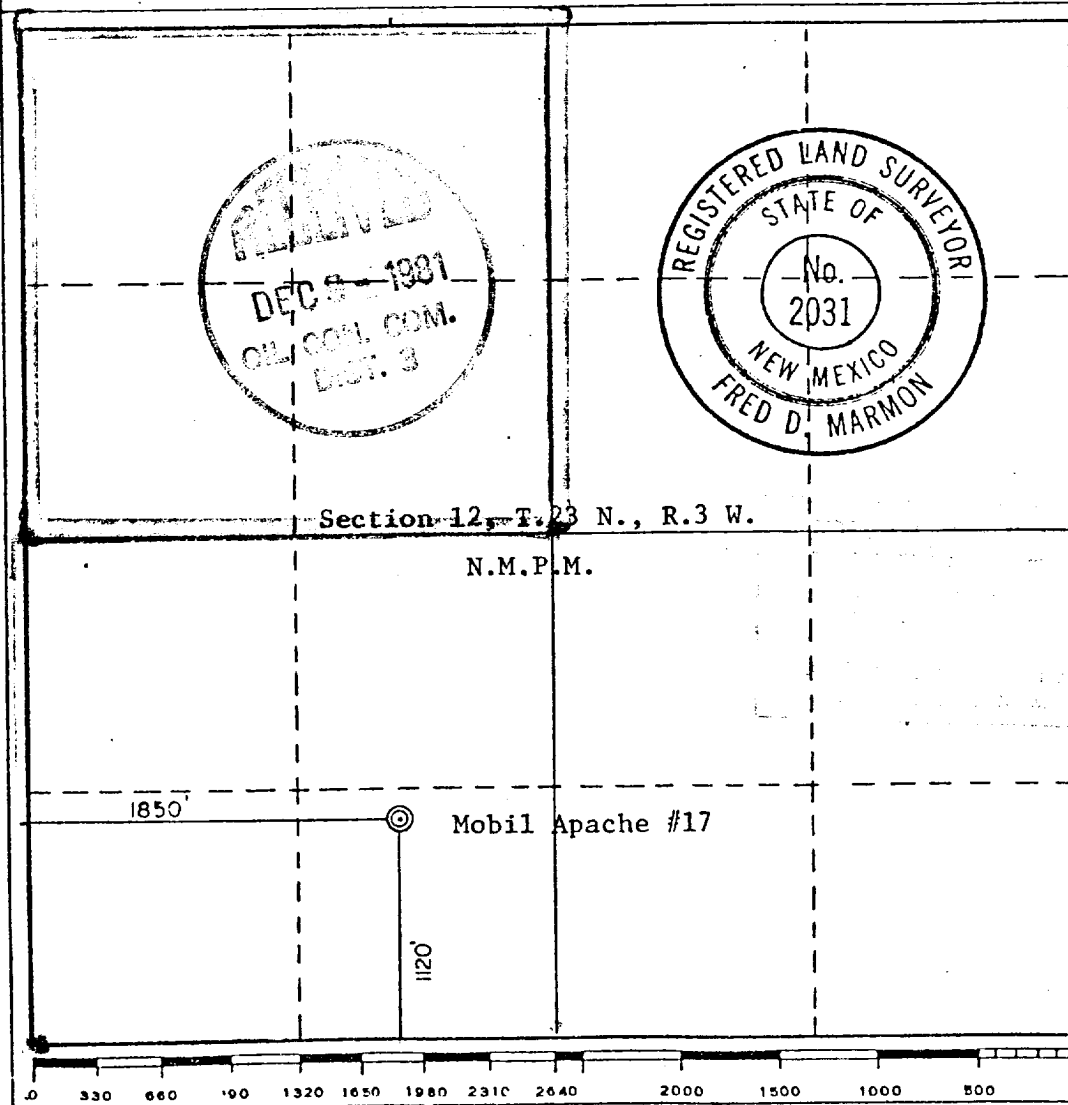
Operator <b>SHERMAN F. WAGENSELLER</b>			Lease <b>Mobil Apache</b>		Well No. <b>#17</b>
Unit Letter <b>N</b>	Section <b>12</b>	Township <b>23N</b>	Range <b>3W</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well: <b>1120</b> feet from the <b>South</b> line and <b>1850</b> feet from the <b>West</b> line					
Ground Level Elev. <b>7305</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.



CERTIFICATION

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

*Morris B. Jones*  
Name

Morris B. Jones

Position

Engineer

Company

Branca Corporation

Date

November 9, 1981

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

October 21, 1981

Registered Professional Engineer and/or Land Surveyor

*Fred D. Marmion*

Certificate No.

2031

