

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 CORPORATION

First Interstate Bldg, Suite 1223, Alb.

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

At surface

890' fnl and 990' fwl

At proposed prod. zone SAME

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

5 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)

890 fnl

18. DISTANCE FROM PROPOSED LOCATION*

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

None

16. NO. OF ACRES IN LEASE

1280

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.)

7404 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-approx top @ 2000'

Plan to spud 11 1/2" hole and drill to 110' and set 100' of 8 5/8" casing and cement with 100 sxs of cement. Drill 6 3/4" hole to 3200' or sufficient depth to test the Pictured Cliffs formation and run appropriate logs. If production is indicated, 4 1/2" casing will run to total depth, cemented 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 depths expected: Ojo Alamo 2810', Kirtland 2990', Fruitland 3030' and Pictured Cliffs 3140'.

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

TITLE

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
DATE

NOV 1 1982

JAMES F. SIMS
DISTRICT ENGINEER

*See Instructions On Reverse Side

NMCC

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-102
Revised 10-1-78

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

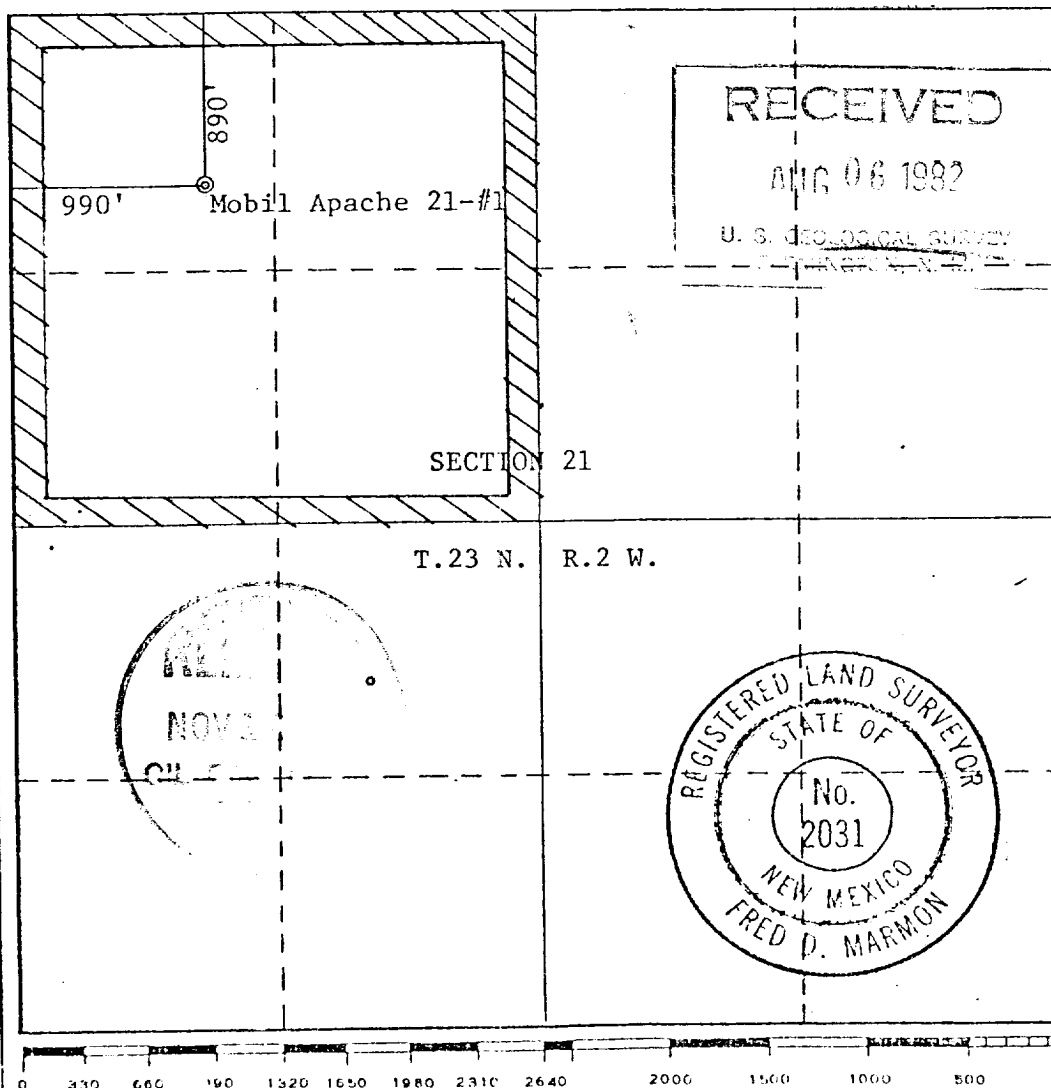
Operator SHERMAN F. WAGENSELLER		Lease Mobil Apache 21		Well No. #1
Unit Letter D	Section 21	Township 23 North	Range 2 West	County Sandoval
Actual Footage Location of Well: 890' feet from the North line and 990' feet from the West line				
Ground Level Elev. 7404	Producing Formation Pictured Cliffs	Pool South Blanco	Dedicated Acreage: 160.00 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

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 25, 1982

Registered Professional Engineer and/or Land Surveyor

Fred Marmon
Fred Marmon

Certificate No.

N.M. 2031

