

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. Jicarilla	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME Contract No. 168	
2. NAME OF OPERATOR SHERMAN F. WAGENSELLER			7. UNIT AGREEMENT NAME Mobil Apache	
3. ADDRESS OF OPERATOR 1223 First Interstate Bldg, 320 Gold A. SW, Albuquerque, NM, 87102			8. FARM OR LEASE NAME 23	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1650 fsl and 1850 fwl At proposed prod. zone SAME			9. WELL NO. 10. FIELD AND POOL, OR WILDCAT South Blanco PC	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 5 miles SW of Lindrith, NM			11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA 13-23N-3W-NMPM	
10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1650'		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. 2640'		19. PROPOSED DEPTH 3200;	20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7452 Gr.			22. APPROX. DATE WORK WILL START* Sept. 15, 1984	

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

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
10 1/2"	7 5/8	32#, J, 8rd, ST&C	100	35 CF-Circulate
6 1/4"	4 1/2	11#, K, 8rd, ST&C	3200 TD	360 CF-Circulate
	2 3/8" (Tbg)	4.3#, J, 8rd, ST&C	3100' +	Tubing

Plan to spud 10 1/2" hole and drill to 110' and set 100' of 7 5/8", 32#, J-55, (New), 8rd, ST&C casing and cement with 35 cubic feet of Class B cement with 2% CaCl₂. This will circulate the cement. Drill 6 1/4" hole to a total depth of 3200' or sufficient depth to test the Pictured Cliffs formation and run appropriate logs. If production is indicated, 4 1/2", 11# (New), K, 8rd, ST&C casing will be run to total depth, cemented with sufficient cement (300 CF of 50-50 Pozmix and 60 CF of Class B) to circulate cement to surface, perforate Pictured Cliffs and stimulate.

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

The anticipated starting date will be September 15, 1984. The drilling, completion and testing should be finished within 45 days from spud, approximately October 30, 1984.

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.

SIGNED <i>[Signature]</i> (This space for Federal or State office use)	TITLE Morris B. Jones, Engineer	APPROVED AS AMENDED OCT 01 1984 /s/ J. Stan McKee AREA MANAGER FARMINGTON RESOURCE AREA
PERMIT NO. <i>100031984</i>	APPROVAL DATE	
APPROVED BY <i>OIL CON. DIV.</i>	TITLE	
CONDITIONS OF APPROVAL, IF ANY <i>DIST. 3</i>		

ch 2

NMOCC

*See Instructions On Reverse Side

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-102
Revised 10-1-72

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

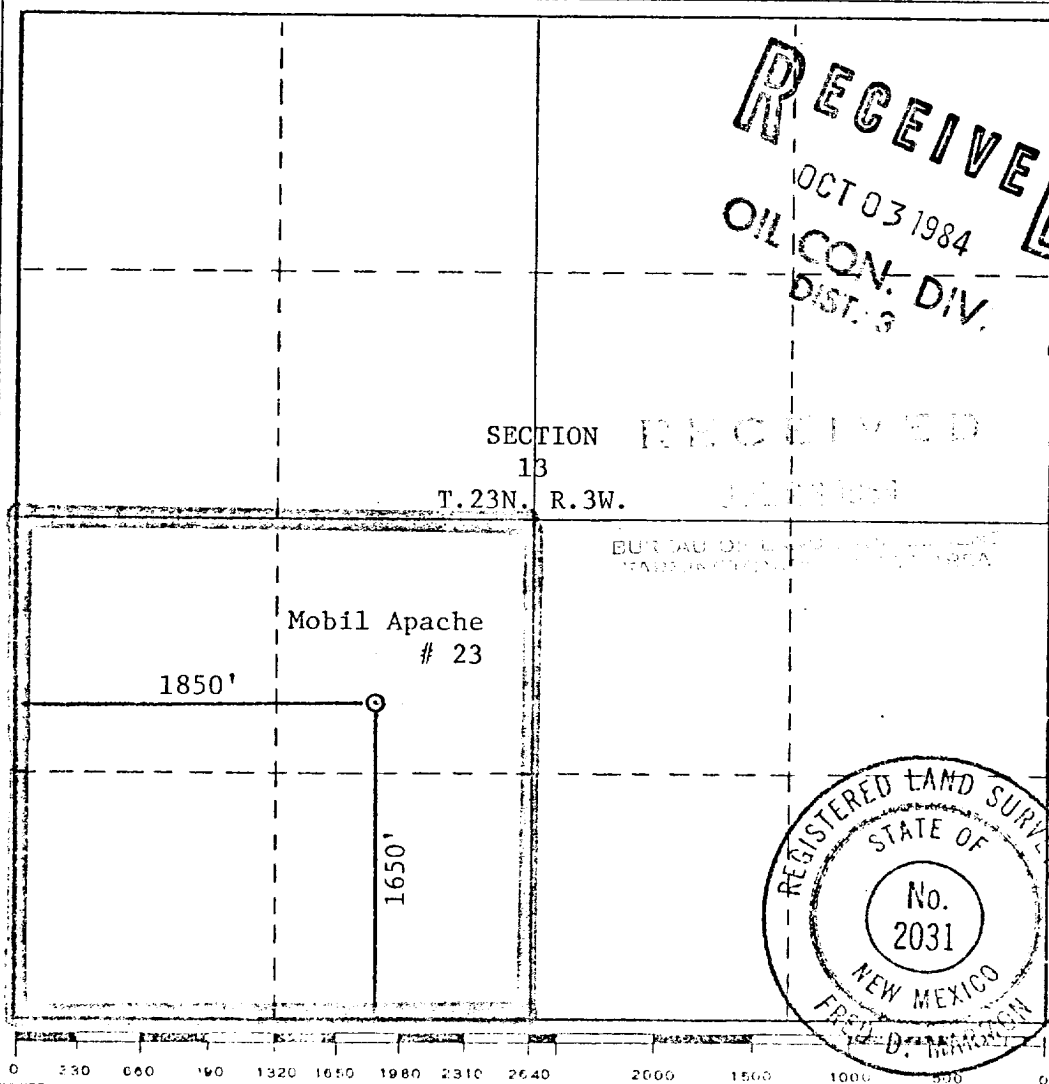
Operator SHERMAN F. WAGENSELLER			Lease Mobil Apache		Well No. 23
Unit Letter K	Section 13	Township T.23N.	Range R.3W.	County Rio Arriba	
Actual Footage Location of Well: 1650 feet from the South line and 1850 feet from the West line					
Ground Level Elev. 7452	Producing Formation Pictured Cliffs		Pool South Blanco		Dedicated Acreage: 160 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.



RECEIVED
OCT 03 1984
OIL CON. DIV.
DIST. 6

RECEIVED
JUL 19 1984

REGISTERED LAND SURVEYOR
STATE OF
No. 2031
NEW MEXICO

CERTIFICATION

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

Name
Morris B. Jones

Position
Engineer

Company
Brana Corporation

Date
July 19, 1984

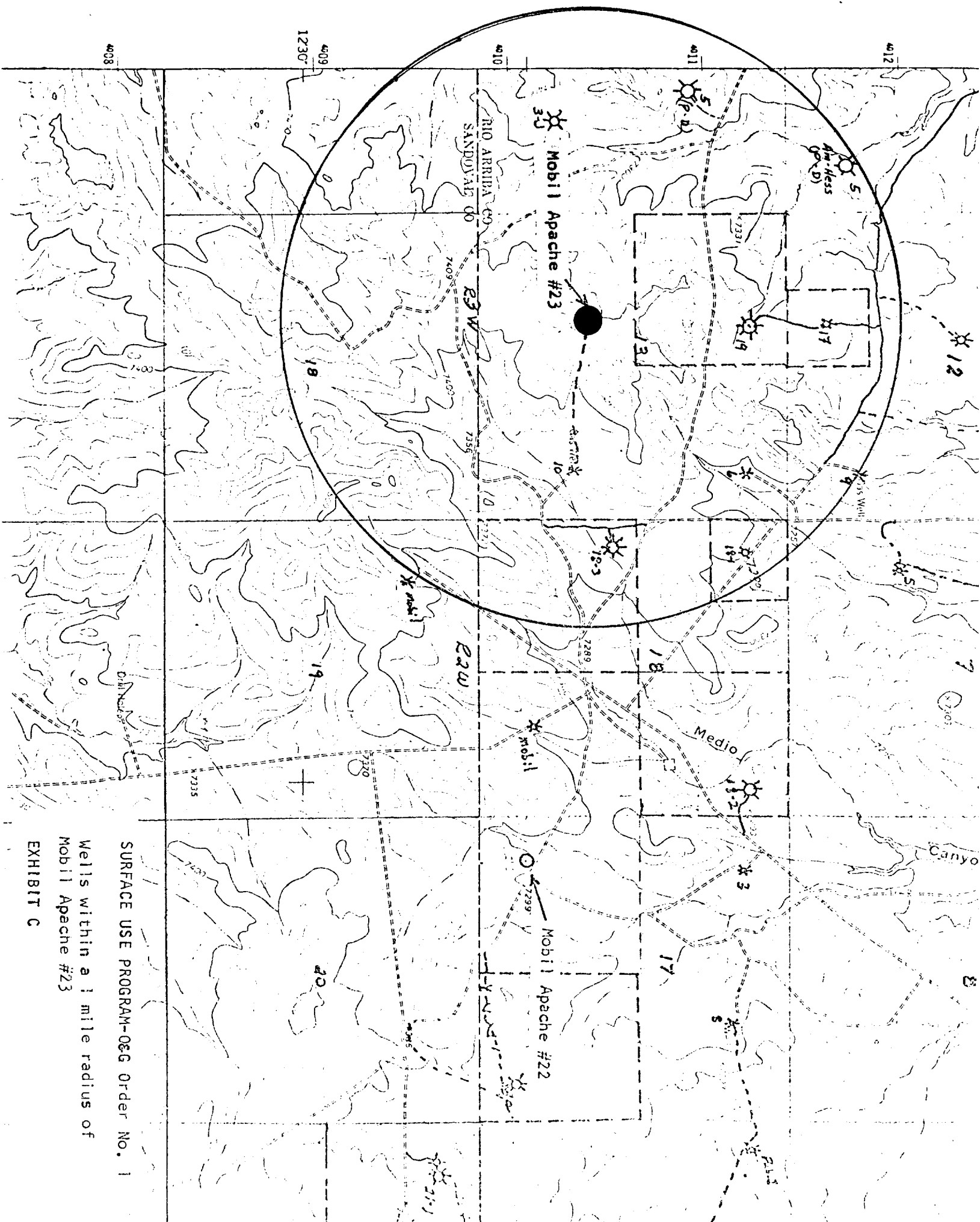
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
July 17, 1984

Registered Professional Engineer and/or Land Surveyor

Fred D. Marmon
Fred D. Marmon

Certificate No.
N.M. 2031



SURFACE USE PROGRAM-OGC Order No. 1

Wells within a 1 mile radius of
Mobi 1 Apache #23

EXHIBIT C