

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
Morris B. Jones, 1223 Bank of New Mexico Bldg., Alb., NM 87102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface 1600' fnl & 790' fwl
At proposed prod. zone 1600' fnl & 790' fwl

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
5 miles southwest of Lindrith, New Mexico

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any) 790 west

16. NO. OF ACRES IN LEASE
1869.43

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. 1830 south & 2740 east

19. PROPOSED DEPTH
3150

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
7102 ground

22. APPROX. DATE WORK WILL START*
December 1, 1979

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	100	100 sxs - circulate
7 7/8"	4 1/2	11	3150	100 sxs.

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 3150 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 sacks, 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.

gas is dehydrated

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 DATE October 22, 1979
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

at 3000

*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-129
Effective 1-1-65

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

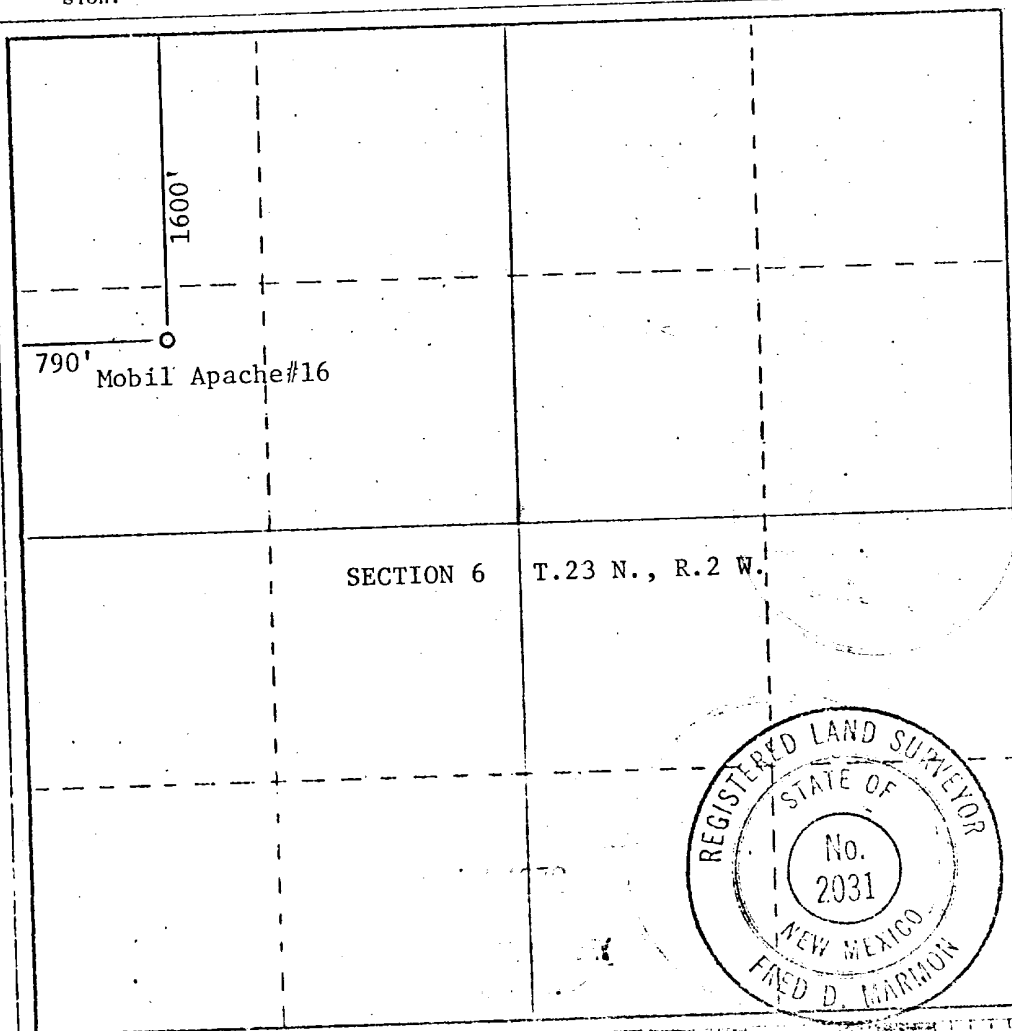
Operator SHERMAN F. WAGENSELLER			Lease Mobil Apache		Well No. 16
Unit Section E	Section 6	Township 23 North	Range 2 West	County Rio Arriba	
Actual Footage Location of Well: 1600 feet from the north line and 790 feet from the west line					
Ground Level Elev. 7102	Producing Formation Pictured Cliffs	Pool South Blanco		Dedicated Acreage 160.00 Acres	

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

Morris B. Jones

Position

Engineer

Company

Sherman F. Wagenseller

Date

October 22, 1979

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

Oct. 17, 1979

Registered and Licensed Land Surveyor and Certified Surveyor

Fred D. Marmion
Signature

Certificate No.

2031

0 540 660 900 1020 1140 1260 1380 1500 1620 1740 1860 1980 2100 2220 2340 2460 2580 2700 2820 2940 3060 3180 3300 3420 3540 3660 3780 3900 4020 4140 4260 4380 4500 4620 4740 4860 4980 5100 5220 5340 5460 5580 5700 5820 5940 6060 6180 6300 6420 6540 6660 6780 6900 7020 7140 7260 7380 7500 7620 7740 7860 7980 8100 8220 8340 8460 8580 8700 8820 8940 9060 9180 9300 9420 9540 9660 9780 9900 10020 10140 10260 10380 10500 10620 10740 10860 10980 11100 11220 11340 11460 11580 11700 11820 11940 12060 12180 12300 12420 12540 12660 12780 12900 13020 13140 13260 13380 13500 13620 13740 13860 13980 14100 14220 14340 14460 14580 14700 14820 14940 15060 15180 15300 15420 15540 15660 15780 15900 16020 16140 16260 16380 16500 16620 16740 16860 16980 17100 17220 17340 17460 17580 17700 17820 17940 18060 18180 18300 18420 18540 18660 18780 18900 19020 19140 19260 19380 19500 19620 19740 19860 19980 20100 20220 20340 20460 20580 20700 20820 20940 21060 21180 21300 21420 21540 21660 21780 21900 22020 22140 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