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U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE ☐ FEE ☒

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
b. Type of Well DRILL ☒ DEEPEN ☐ PLUG BACK ☐
OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

7. Unit Agreement Name

8. Farm or Lease Name

McNeill

9. Well No.

1

10. Field and Pool, or Wildcat

Wantz-Abo

2. Name of Operator
Marshall & Winston, Inc.

3. Address of Operator
310 West Tower, 10 Desta Drive, Midland, Texas 79705

4. Location of Well UNIT LETTER M LOCATED 660 FEET FROM THE West LINE
AND 3350 FEET FROM THE South LINE OF SEC. 6 TWP. 21-S RGE. 38E NMPM

12. County

Lea

19. Proposed Depth

8000'

19A. Formation

Abo

20. Rotary or C.T.

Rotary

21. Elevations (Show whether DF, RT, etc.)

3562.0 GL

21A. Kind & Status Plug. Bond

1-Well Plugging Bond

21B. Drilling Contractor

Peterson Drlg. Co.

22. Approx. Date Work will start

5-25-87

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	8-5/8"	24#	1600'	600 SXS	Circulate
7-7/8"	5-1/2"	15.5 & 17#	8000'	1800 SXS	Circulate

After setting production casing, pay zone will be perforated and stimulated as necessary. BOP Sketch and program attached.

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODU-
TIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

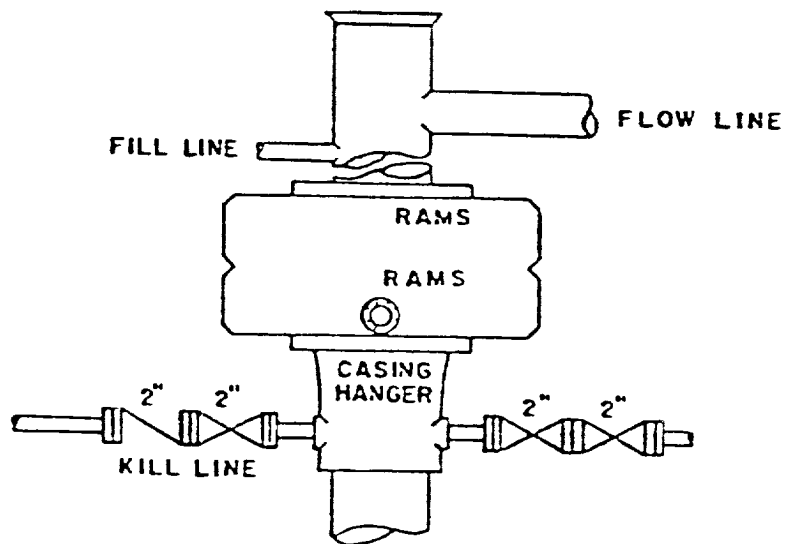
Signed Tom M. Brandt Title Engineer Date 5-15-87

(This space for State Use)

Orig. Signed by
Paul Kautz
Geologist

APPROVED BY _____ TITLE _____ DATE MAY 21 1987

CONDITIONS OF APPROVAL, IF ANY:



BOP STACK

3000 PSI WORKING PRESSURE

BOP ARRANGEMENT

RECEIVED
MAY 20 1981
OCD
HOBBS OFFICE

**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

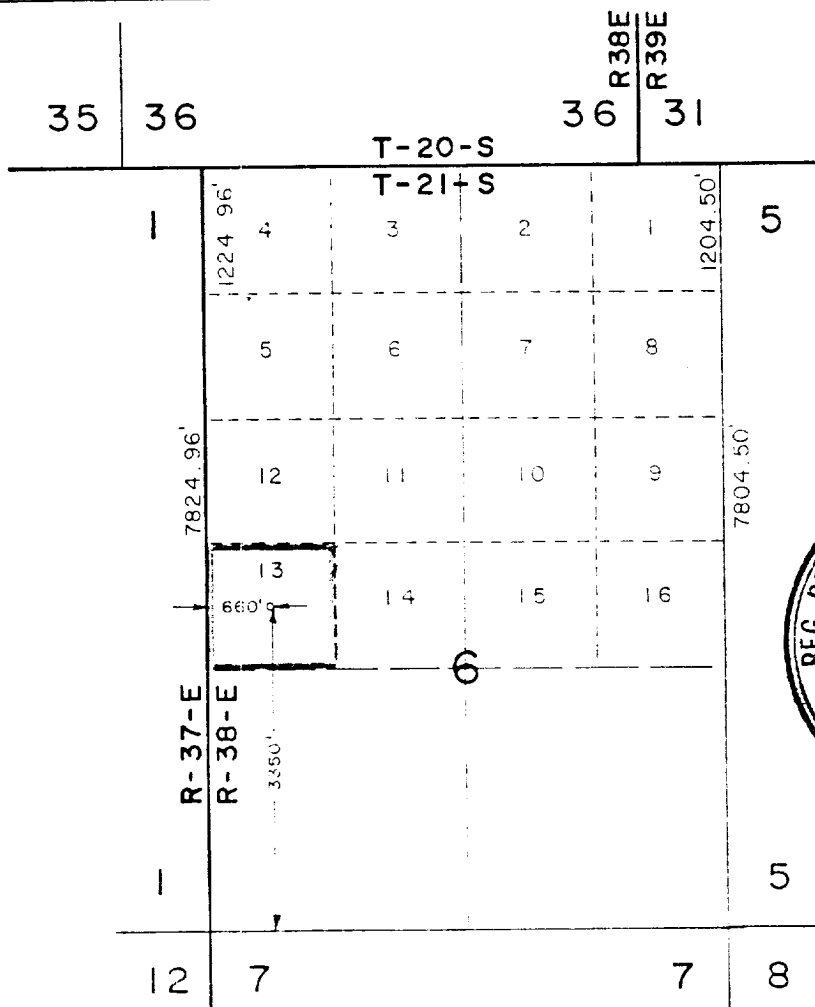
Operator MARSHALL AND WINSTON, Inc.			Lease Mc NEILL		Well No. 1
Unit Letter M	Section 6	Township 21 SOUTH	Range 38 EAST	County LEA	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 3350 feet from the SOUTH line and 660 feet from the WEST line </div>					
Ground Level Elev. 3362.0	Producing Formation Abo	Pool Wantz-Abo		Dedicated Acreage: 40 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.

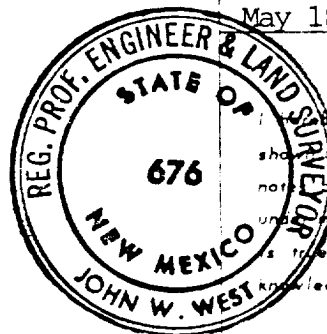


SCALE 1" = 2000'

CERTIFICATION

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

Name
Tom M. Brandt
Position
Engineer
Company
Marshall & Winston, Inc.
Date
May 18, 1987



I hereby certify that the well location shown in 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
May 11, 1987
Registered Professional Engineer
and Land Surveyor

[Signature]
Certificate No. **JOHN W. WEST 676**
Ronald J. Eidson 3239