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# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65 *2-11-24714*

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 OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		2. Name of Operator MESA PETROLEUM CO.		7. Unit Agreement Name	
3. Address of Operator 904 Gihls Tower West, Midland, Texas 79701		8. Farm or Lease Name West Knowles Unit		9. Well No. 4	
4. Location of Well UNIT LETTER B LOCATED 660 FEET FROM THE North LINE AND 1980 FEET FROM THE East LINE OF SEC. 34 TWP. 16S RGE. 37E NMPM		10. Field and Pool, or Wildcat Undesignated - Strawn		12. County Lea	
19. Proposed Depth 11,700		19A. Formation Strawn		20. Rotary or C.T. Rotary	
21. Elevations (Show whether DI, KI, etc.)		21A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor Robinson Brothers	
				22. Approx. Date Work will start March 25, 1975	

23.

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2	13	50	350	350	cirl
11	8 5/8	24	4,200	250	3,500
7 7/8	5 1/2	17	11,700	Sufficient to	cover all pay

Surface hole will be drilled to 350' without blowout preventers. Below the surface casing shoe, 10" API 3000 psi W. P. preventers will be utilized to total depth. Mud program will primarily consist of water to 10,000' and mud from 10,000' to total depth. No abnormal pressures have been observed in offset wells drilled to this formation depth.

APPROVAL VALID  
FOR 60 DAYS  
EXPIRES 6-3-75

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. 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 Michael P. Hunter Title Division Engineer Date 2-27-75

(This space for State Use)

APPROVED BY [Signature] TITLE Division Engineer DATE 2-27-75

CONDITIONS OF APPROVAL, IF ANY:

**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.

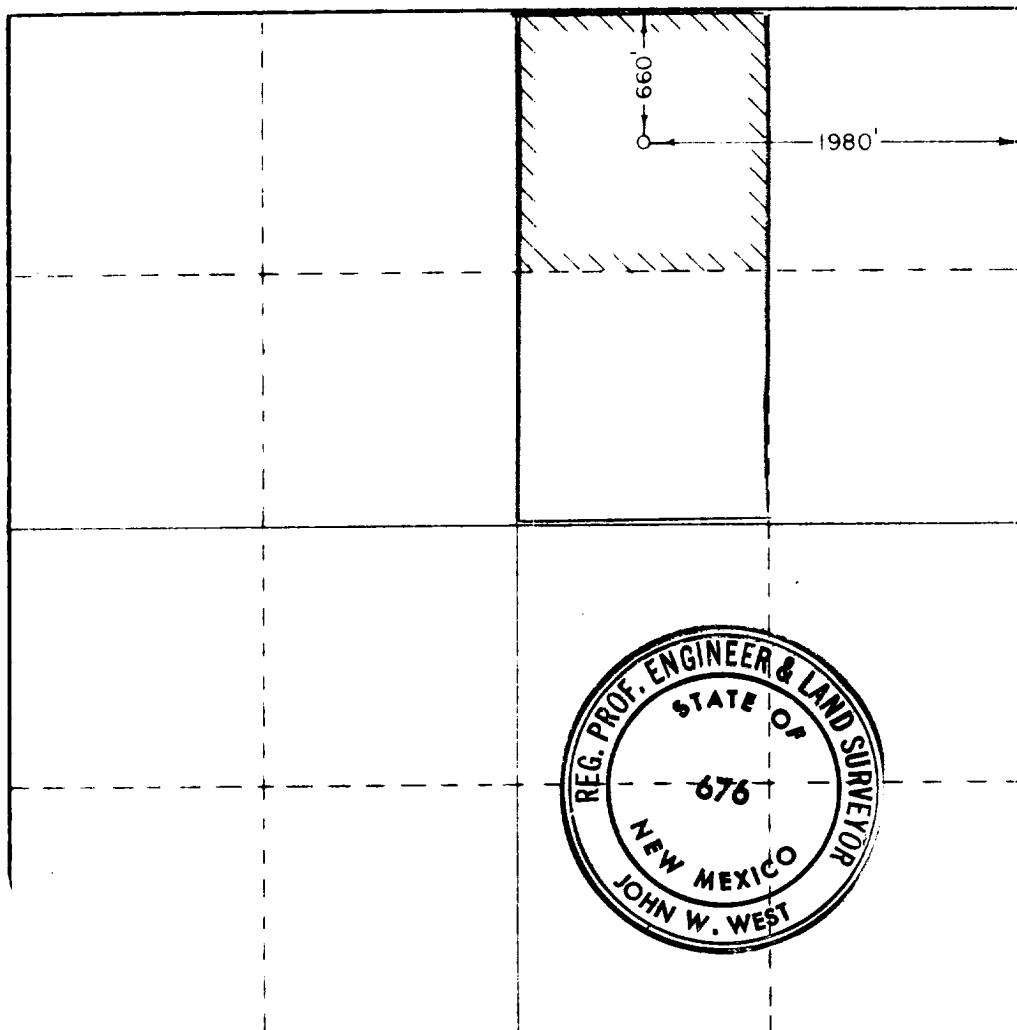
Operator <b>Mesa Petroleum Company</b>			Lease <b>West Knowles Unit</b>		Well No. <b>4</b>
Section <b>B</b>	Section <b>34</b>	Township <b>16 South</b>	Range <b>37 East</b>	County <b>Lea</b>	
Actual Well Location of Well:					
<b>660</b>		<b>North</b>		<b>1980</b>	
feet from the		line and		feet from the	
				<b>East</b>	
Ground Elevation <b>3775.0</b>	Producing Formation <b>Strawn</b>	Pool <b>Undesignated</b>		Dedicated Acreage: <b>NW 1/4 NE 1/4 40 Acres</b>	

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.

Name: John W. West  
 Position: Agent

Company: Mesa Petroleum Company

Date: February 28, 1975

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: February 27, 1975

Registered Professional Engineer and/or Land Surveyor

John W. West  
 Certificate No. **676**

330 660 990 1320 1650 1980 2310 2640 2000 1800 1600 1400 1200 1000 800 0

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