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NEW MEXICO OIL CONSERVATION COMMISSION

30-021-001
Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE ☐ FCC ☒
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 type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. Unit Agreement Name
2. Name of Operator Mesa Petroleum Co.		8. Farm or Lease Name West Knowles
3. Address of Operator 904 Gihls Tower West, Midland, Texas 79701		9. Well No. 5
4. Location of Well UNIT LETTER <u>H</u> LOCATED <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>34</u> TWP. <u>16</u> RGE. <u>37</u> NMPM		10. Field and Pool, or Without Ship, Drinkard
		12. County Lea
		19. Proposed Depth 8900'
		19A. Formation Drinkard
		20. Rotary or C.T. Rotary
21. Elevations (Show whether DT, RT, etc.) 3772 GR	21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor Robinson Bros.
		22. Approx. Date Work will start May 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 3/8	48	350	375	Circ.
11 "	8 5/8	24-32	4200	300	2900
7 7/8"	4 1/2	11.6	8900	600	6000

Surface hole will be drilled to 350' without blowout preventers. Thereafter, 10" API 3000 psi W.P. preventers will be utilized to total depth. No pressure problems were encountered when drilling offset field wells to this horizon. Mud program will consist primarily of water to 7900' and chemical mud from 8300' to total depth.

EXPIRES 8-12-75

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. Houston Title Division Engineer Date May 9, 1975

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT I DATE May 9, 1975

CONDITIONS OF APPROVAL, IF ANY:

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MAY 9 1975

OIL CONSERVATION COMM.
HOPE, N. M.

**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.

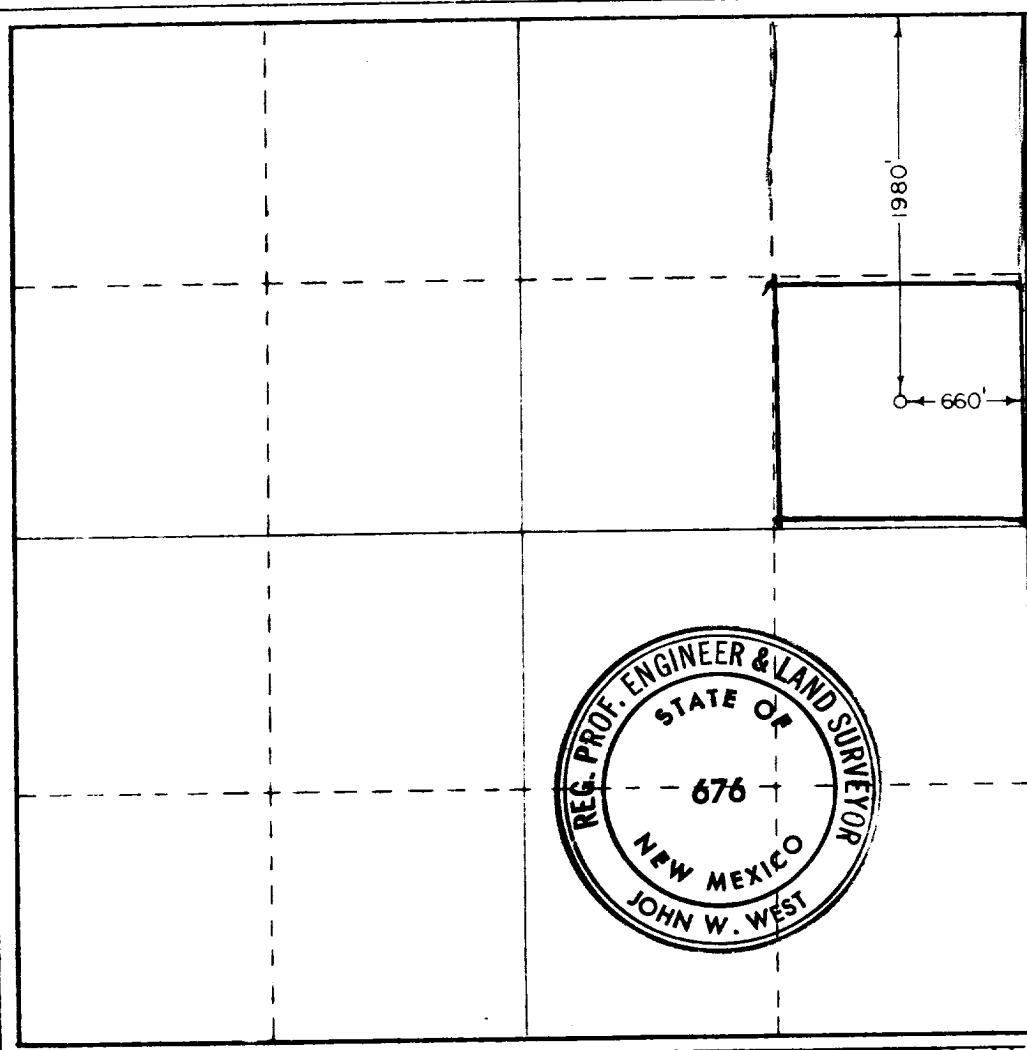
Operator Mesa Petroleum Company			Lease West Knowles		Well No. 5
Tract Letter H	Section 34	Township 16 South	Range 37 East	County Lea	
Actual Well Location of Well: 1980 feet from the North line and 660 feet from the East line					
Ground Level Elev. 3772.0	Producing Formation Drinkard		Pool Shipp	Dedicated Acreage 40.80 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.

Michael P. Houston

Name	Michael P. Houston
Position	Division Engineer
Company	Mesa Petroleum Co.

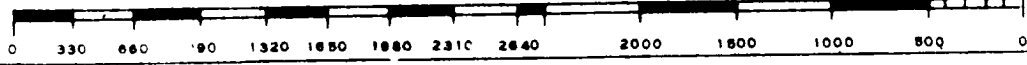
Date
May 9, 1975

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	May 6, 1975
Registered Professional Engineer and/or Land Surveyor	

John W. West

Certificate No. **676**



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MAY - 9 1975

OIL CONSERVATION COMM.
HOBBBS, N. M.

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