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# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

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 DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name
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"/>		8. Farm or Lease Name West Knowles
2. Name of Operator Mesa Petroleum Co.		9. Well No. 2
3. Address of Operator P.O. Box 2009, Amarillo, TX 79105		10. Field and Pool, or Wildcat Undesignated
4. Location of Well UNIT LETTER L LOCATED 1980 FEET FROM THE South LINE AND 660 FEET FROM THE West LINE OF SEC. 35 TWP. 16S RGE. 37E NMPM		12. County Lea
19. Proposed Depth 8700'		19A. Formation Drinkard
20. Rotary or C.T. Rotary		
21. Elevations (Show whether DT, RT, etc.) 3765	21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor Robinson Bros.
22. Approx. Date Work will start 2-5-75		

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	375	Circ.
11	8 5/8	24-32	4200	300	2900
7 7/8	4 1/2(or 5 1/2)	11.6(or 15.5)	8700	250	7300

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 well 1/2 mile to southwest. Mud program will consist primarily of water to 8300' and mud from 8300' to total depth.

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,

EXPIRES 5-3-75

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 Production Engineer Date January 30, 1975

(This space for State Use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

8M-5-NM000 1-Midland-Tom Brown, 1-OKP-Rt

**SUPERVISOR DISTRICT I**

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NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

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Form C-102  
Supersedes C-128  
Effective 1-1-65

JAN 29 1975

All distances must be from the outer boundaries of the Section

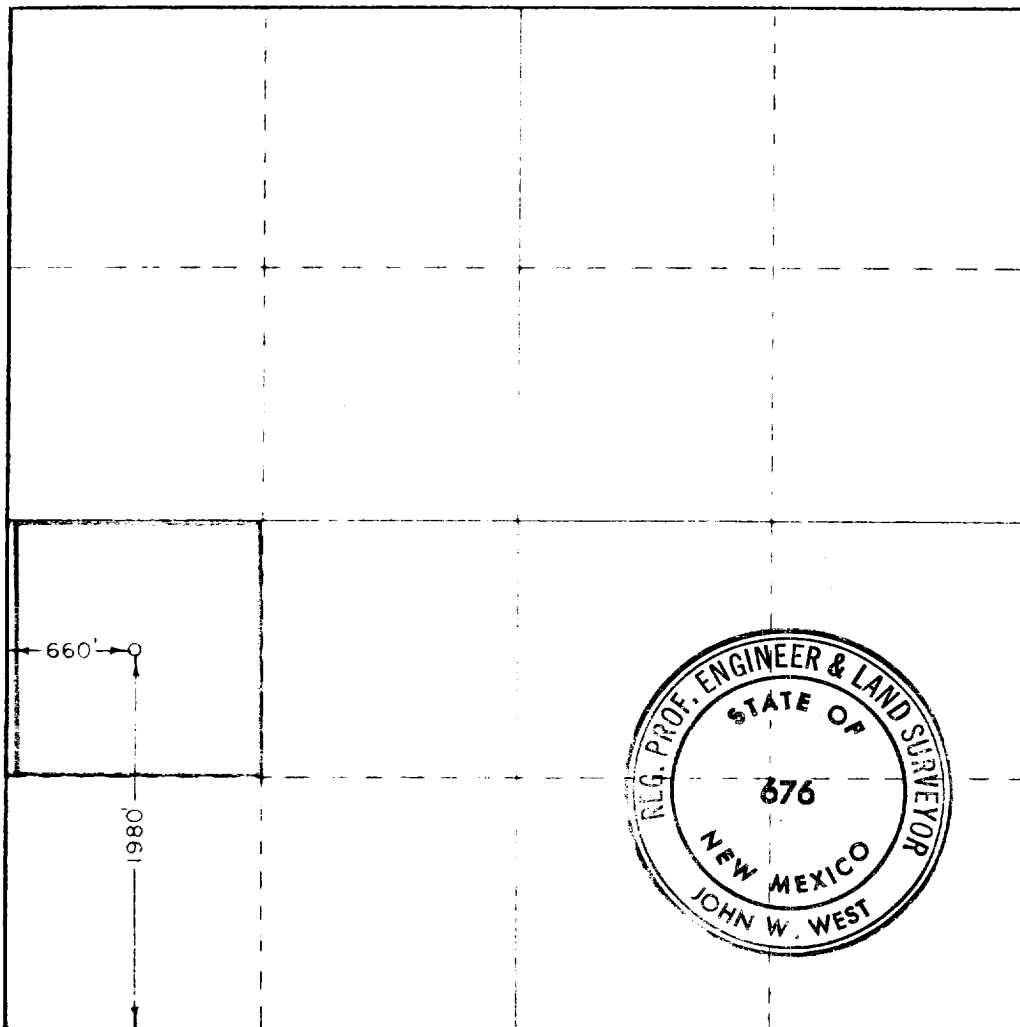
Mesa Petroleum Company			West Knowles		JAMA. PROD.	Well No. 2
Section L	Section 35	Township 16 South	Range 37 East	County Leo		
A true and correct location of Well:						
1980 feet from the South line and		660 feet from the West line				
Original Acreage 3765 0	Producing Formation Drinkard		Pool Undesignated		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 Unitization

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  
**Production Engineer**

Company  
**Mesa Petroleum Co.**

Date  
**January 30, 1975**

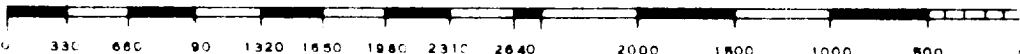
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
**January 24, 1975**

Registered Professional Engineer and Land Surveyor

*John W. West*

Certificate No. **676**



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HOBBS, N. M.

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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.

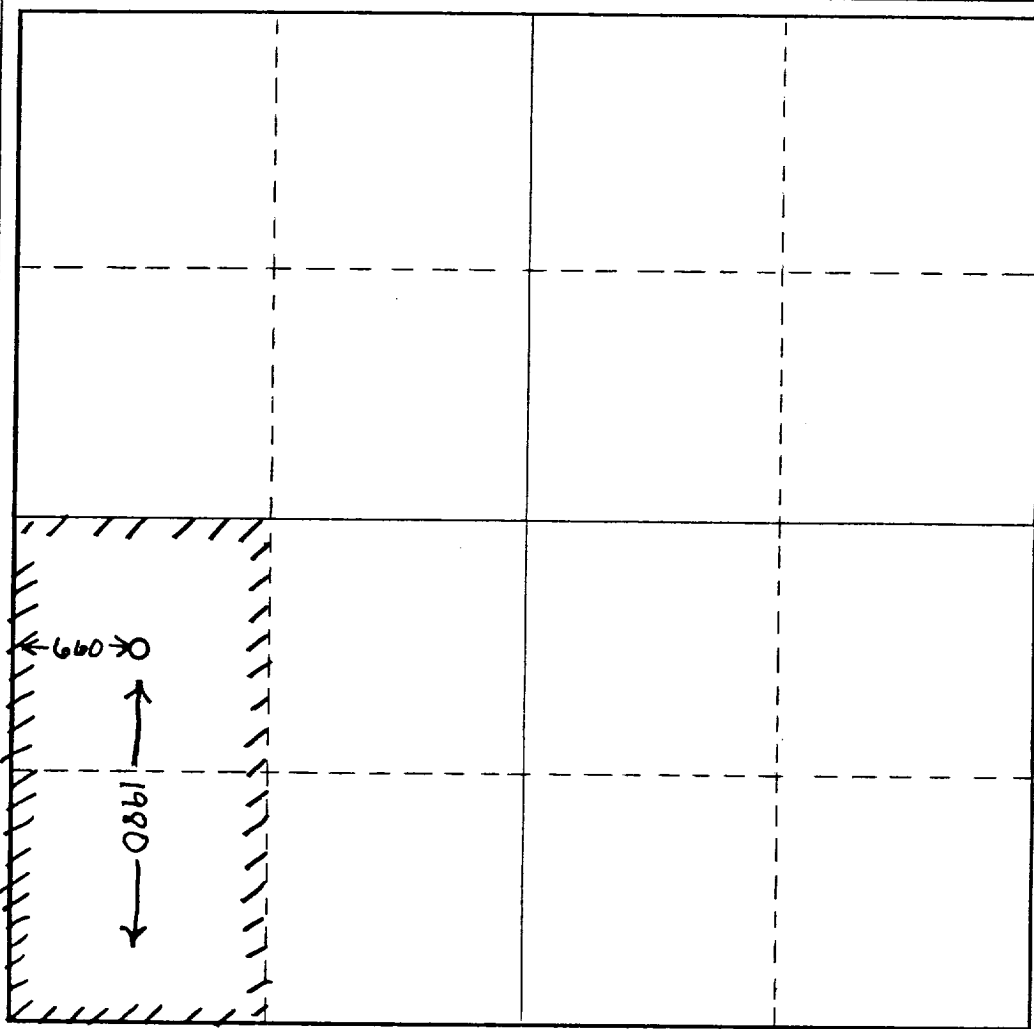
Operator <b>Mesa Petroleum Co.</b>			Lease <b>West Knowles</b>		Well No. <b>2</b>
Unit Letter <b>L</b>	Section <b>35</b>	Township <b>16S</b>	Range <b>37E</b>	County <b>Lea</b>	
Actual Footage Location of Well: <b>1980</b> feet from the <b>South</b> line and <b>660</b> feet from the <b>West</b> line					
Ground Level Elev. <b>3765.0</b>	Producing Formation <b>Drinkard</b>		Pool <b>West Knowles</b>		Dedicated Acreage: <b>80 Acres</b>

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 Unitization

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.

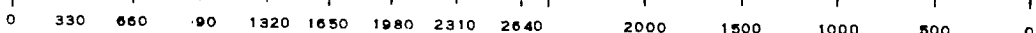
*Michael P. Houston*

Name  
**Michael P. Houston**  
Position  
**Division Engineer**  
Company  
**Mesa Petroleum Co.**  
Date  
**June 5, 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  
  
Registered Professional Engineer and/or Land Surveyor

Certificate No.



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**JUN 6 1975**

**OIL CONSERVATION COMM.  
HOBBS, N. M.**