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NEW MEXICO OIL CONSERVATION COMMISSION

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30-005-60951

Form C-101  
Revised 1-1-65

APR 28 1981

O. C. D.  
ARTESIA OFFICE

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 type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name	
2. Name of Operator MESA PETROLEUM CO. ✓		SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		8. Farm or Lease Name LAKE TANK	
3. Address of Operator 1000 VAUGHN BUILDING/MIDLAND, TEXAS 79701				9. Well No. 1 Y	
4. Location of Well UNIT LETTER I LOCATED 1980' FEET FROM THE SOUTH LINE AND 710 FEET FROM THE EAST LINE OF SEC. 18 TWP. 6S RGE. 24E NMPM				10. Field and Pool, or Wildcat WILDCAT	
				12. County CHAVES	
		19. Proposed Depth 4700'		19A. Formation PENN	
				20. Rotary or C.T. ROTARY	
21. Elevations (Show whether DF, RT, etc.) 3951.0' GR		21A. Kind & Status Plug. Bond BLANKET		21B. Drilling Contractor DUAL	
				22. Approx. Date Work will start 5-15-81	

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#	800	500	SURFACE
11"	8 5/8"	24#	2000	600	SUFFICIENT TO
7 7/8"	4 1/2"	10.5#	4650	500	COVER ALL PAY

Propose to drill 17 1/2" hole to 800' using air. Will set 13 3/8" surface casing and cement to surface. Will reduce hole to 11" and drill to 2000' to set 8 5/8" intermediate casing. Will nipple up ram type BOP's and reduce hole to 7 7/8" and drill to total depth with air, foam, or mud as required. After log evaluation, 4 1/2" casing may be run and cemented back to surface casing or with sufficient kinds and amounts to isolate and seal off any fresh water, oil, or gas zones encountered.

Note: Original location was 1980' FSL & 660' FEL and was P&A'd 4-8-81

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 10-29-81  
UNLESS DRILLING UNDERWAY

Gas Sales are dedicated to Transwestern Pipeline Company.

XC: NMOCD (6), TLS, CEN RCDS, ACCTG, HOBBS OFFICE, MEC, MAH, PARTNERS, FILE

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 R. E. Markhus Title REGULATORY COORDINATOR Date April 24, 1981

(This space for State Use)

APPROVED BY W. A. Grassett TITLE SUPERVISOR, DISTRICT II DATE APR 29 1981

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-100  
Supersedes O-128  
Effective 1-1-81

All distances must be from the outer boundaries of the Section

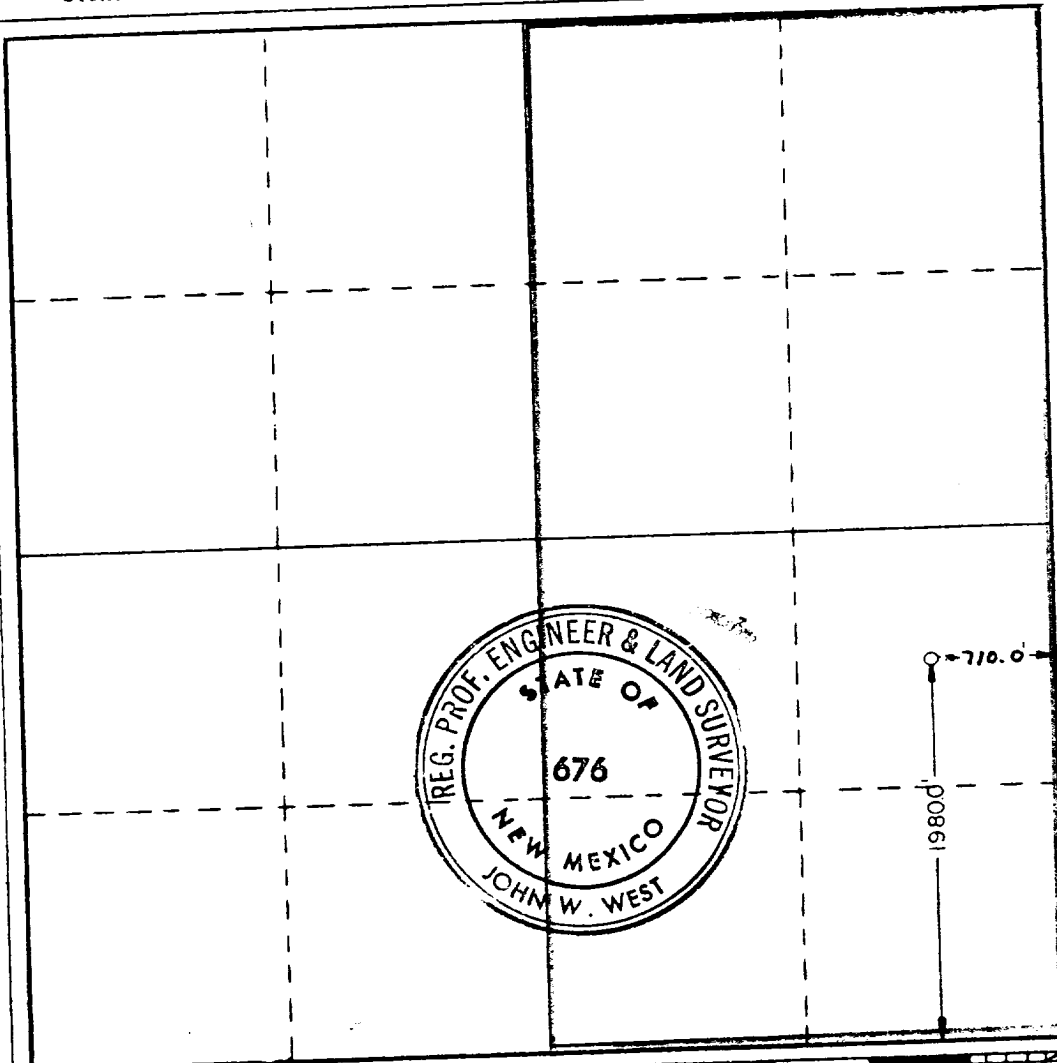
Operator <b>Mesa Petroleum Co.</b>		Lease <b>Lake Tank</b>		Area <b>1 Y</b>	
Unit Letter <b>I</b>	Section <b>18</b>	Township <b>6 South</b>	Range <b>24 East</b>	County <b>Chaves</b>	
Actual Footage Location of Well: <b>1980</b> feet from the <b>south</b> line and <b>710</b> feet from the <b>East</b> line					
Ground Level Elev. <b>3951.0</b>	Producing Formation <b>PENN</b>		Pool <b>WILDCAT</b>	<b>E/2</b>	<b>320</b> 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.



CERTIFICATION

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

*R. E. Mathis*

Name  
**R. E. MATHIS**

Position  
**Regulatory Coordinator**

Company  
**Mesa Petroleum Co**

Date  
**4-24-81**

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

**03 December 1980**

Registered Professional Engineer and/or Land Surveyor

*John W. West*

Certificate No. **JOHN W. WEST 676**  
**PATRICK A. ROMERO 6863**  
**Ronald J. Eidson 3239**