

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENTOIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87505Form C-101  
Revised 10-1-78

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LAND OFFICE	<input checked="" type="checkbox"/>
OPERATOR	<input checked="" type="checkbox"/>

O. C. D.  
ARTESIA, OFFICE

5A. Indicate Type of Lease

STATE ☐ FEE ☒

5. State Oil &amp; Gas Lease No.

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name Thompson	
2. Name of Operator Mesa Petroleum Co.		9. Well No. 1	
3. Address of Operator P. O. Box 2009 / Amarillo, Texas 79189		10. Field and Pool, or Wildcat Pecos Slope Abo	
4. Location of Well UNIT LETTER <u>A</u> LOCATED <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>10</u> TWP. <u>5S</u> RGE. <u>24E</u> NMPM		12. County Chaves	
19. Proposed Depth 4000'		19A. Formation Abo	
20. Rotary or C.T. Rotary		21. Elevations (Show whether Di, RT, etc.) 3928' GR	
21A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor To be determined	
22. Approx. Date Work will start December 1, 1983			

23.

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
14 3/4"	10 3/4"	40.5#	950'	700/300	Surface
9 1/2"	7 5/8"/7"	26.4#/23#	1600'	700/300	Tie-back
7 7/8"/6 1/2"/6 1/4"	4 1/2"/5 1/2"	10.5#/15.5#	4000'	300	Cover Abo

Propose to drill 14 3/4" hole to approximately 950' and run 10 3/4" casing. Will cement to surface and test casing with cementing head to 600 psi. Will reduce hole to 9 1/2" and drill on mud or air to approximately 1600' and run 7 5/8" casing - if circulation has been lost and cement with sufficient amounts to tie-back to 10 3/4" casing. Will then reduce hole to 6 1/2" or 6 1/4", test BOPs and casing and drill to total depth. If hole conditions are favorable, the 7 5/8" casing will be omitted and the hole will be reduced to 7 7/8" and drilled to total depth. Either 4 1/2" or 5 1/2" casing will be run as production casing depending upon hole sizes drilled to TD.

Operator's gas sales are dedicated.

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 5-8-84  
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 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. Mathis Title REGULATORY COORDINATOR Date 11-2-83

(This space for State Use)

APPROVED BY [Signature] TITLE OIL AND GAS INSPECTOR DATE NOV 08 1983

CONDITIONS OF APPROVAL, IF ANY:

XC: NMOCD (O+5), CEN RCDS, ACCTG, MAT CONT, OPS(FILE), ROSWELL, MIDLAND, PARTNERS

## OIL CONSERVATION DIVISION

P. O. BOX 2088

Form C-102  
Revised 10-1-78STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

All distances must be from the outer boundaries of the Section.

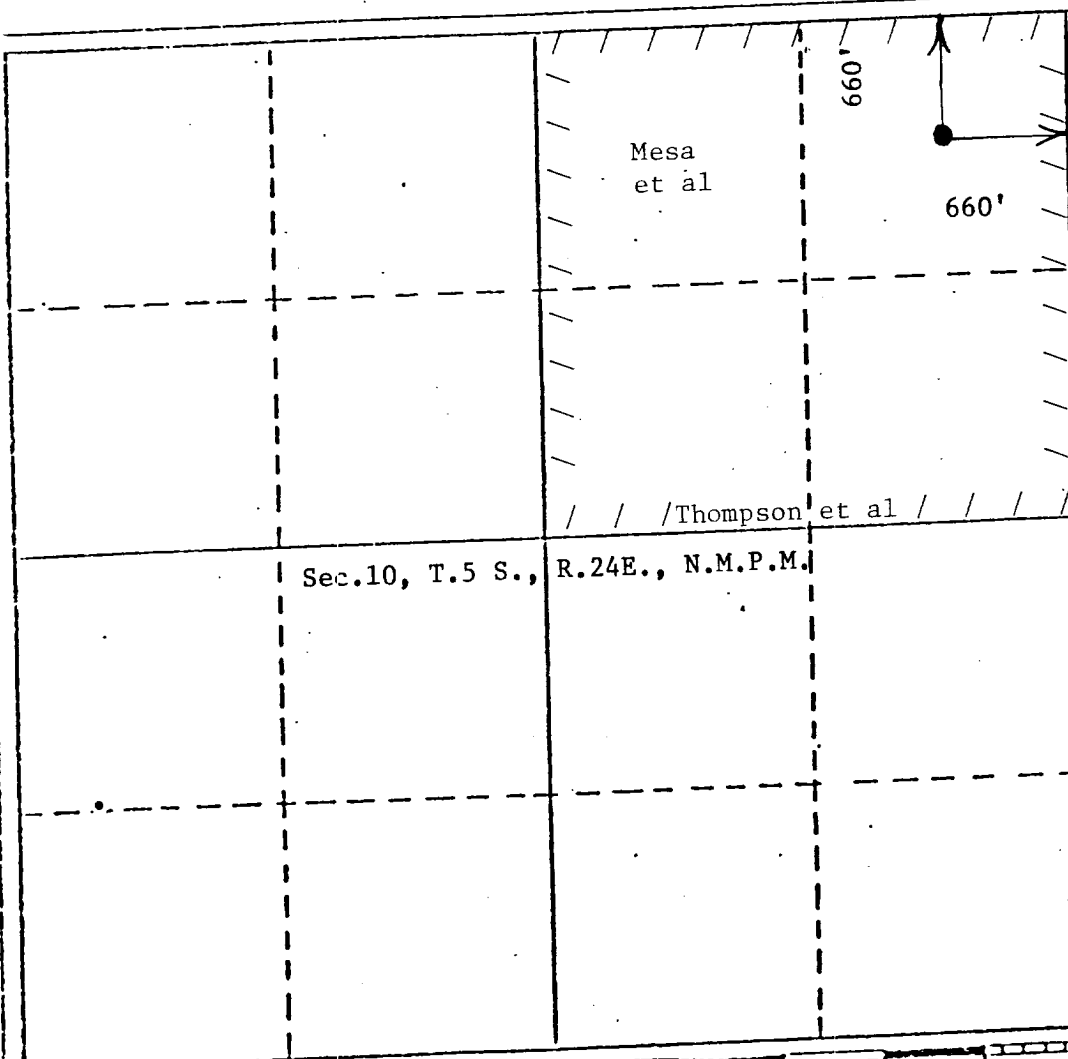
Operator Mesa Petroleum Co.		Lease Thompson		Well No. #1
Unit Letter A	Section 10	Township 5 South	Range 24 East	County Chaves
Actual Postage Location of Well:				
660 feet from the North line and		660 feet from the East line		Dedicated Acreage: NE1/4 160 Acres
Ground Level Elev. 3928	Producing Formation Abo		Pool Pecos Slope Abo	

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 Division



## 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

11-2-83

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.

JOHN D. JAUQUES  
NEW MEXICO  
Date Surveyed  
October 31, 1983  
Registered Professional Engineer  
and/or Land Surveyor  
John D. Jaques  
6290  
Certificate No. 6290