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# NEW MEXICO OIL CONSERVATION COMMISSION

30-045-22586  
Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease
STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.
E-3149, E-1202
E-5226-1, B-11183-45

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

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well		8. Farm or Lease Name	
DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		State Comm Q	
OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		9. Well No.	
2. Name of Operator		13A	
Mesa Petroleum Company		10. Field and Pool, or Wildcat	
3. Address of Operator		Blanco Mesa Verde & PC	
P.O. Box 2009; Amarillo, Texas 79105			
4. Location of Well		12. County	
UNIT LETTER J LOCATED 1500 FEET FROM THE South LINE		San Juan	
AND 1450 FEET FROM THE East LINE OF SEC. 36 TWP. 29N RGE. 8W NMPM			
		19. Proposed Depth	
		5450	
		19A. Formation	
		Mesa Verde & PC	
		20. Rotary or C.T.	
		Rotary	
21. Elevations (Show whether DF, RT, etc.)		22. Approx. Date Work will start	
6417 G.L.		April 1, 1978	
21A. Kind & Status Plug. Bond		21B. Drilling Contractor	
State wide		unknown	

23.

### PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17½"	13 3/8"	48#	200'	200 sacks class	surface
12¼"	7"	20#	3200'	"B" + 2% CaCl <sub>2</sub>	2000'
6½"	4½" liner	11.6#	5450'	300 sacks class	3000'
				"B" + 6% gel,	
				100 sacks class	
				"B" + 2% CaCl <sub>2</sub>	
				275 sacks 50/50 Poz mix with	
				2 % gel	

Move in - rig up rotary tools, Drill 17½" hole to 200 feet and set 200 feet 13 3/8" casing as above. Install blow out preventer and test. Drill 12¼" hole to 3200 with native mud of 9# per gallon ±, vis 35 sec. per quart and w/ ± 10 cc, with appropriate lost circulation material. Set 3200 feet 7" 20# casing as above. Rig up gas compressor and drill 6½" hole from under 7" intermediate with gas. Drill to 5450 feet and run 4½" liner as above, liner hanger to be pack-off type set 200 feet inside 7" casing.

No abnormal pressures are expected. Gas under this lease is dedicated to a contract.

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 Jack D. Cook Title Agent Date March 20, 1978  
(This space for State Use)

APPROVED BY W. Hendrick TITLE Commissioner DATE March 20, 1978  
CONDITIONS OF APPROVAL, IF ANY:

# NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACERAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section

Operator <b>MESA PETROLEUM COMPANY</b>			Lease <b>STATE COMM. "Q"</b>		Well No. <b>12 A</b>
Unit Letter <b>J</b>	Section <b>36</b>	Township <b>29 NORTH</b>	Range <b>8 WEST</b>	County <b>SAN JUAN</b>	
Actual Footage Location of Well: <b>1500</b> feet from the <b>SOUTH</b> line and <b>1450</b> feet from the <b>EAST</b> line					
Ground Level Elev. <b>6417</b>	Producing Formation <b>Mesaverde</b>		Pool <b>Blanco-Mesaverde</b>	Dedicated Acreage <b>160 PC</b>	Acre <b>320 MV</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?

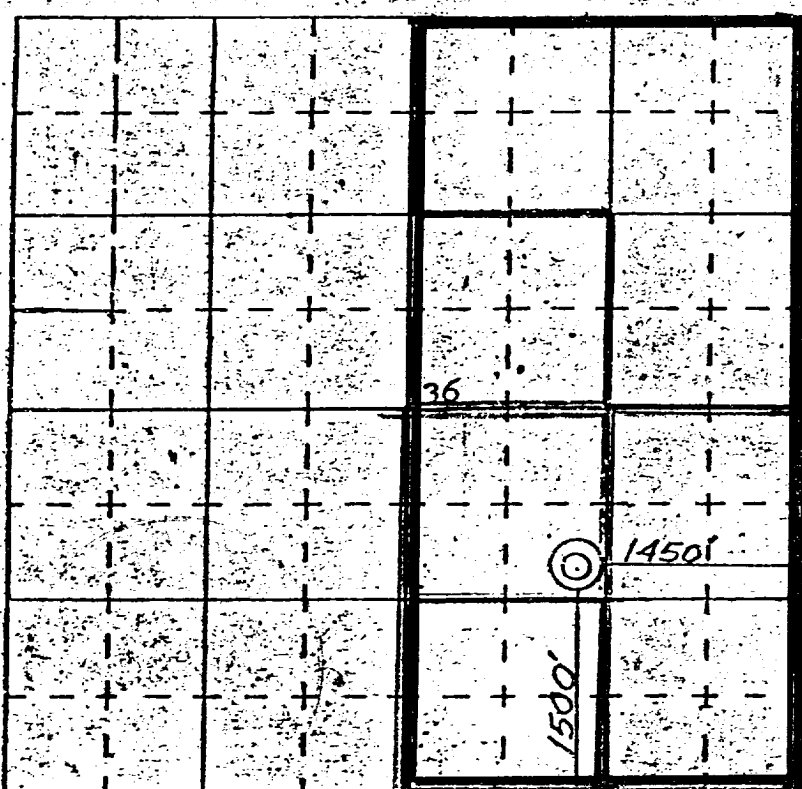
(x) Yes ( ) No If answer is "yes," type of consolidation Communitized

If answer is "no," list the owners and tract descriptions which have actually 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.

State E-3149 SW/4 NE/4 & E/2 SE/4 (Texaco, Inc.)

State E-1202 NW/4 SE/4 (EPNG)



## CERTIFICATION

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

*S.E. Dobler*  
Name  
S.E. Dobler  
Position

Supervisor, Drilling & Prod.  
Company

Mesa Petroleum Co.  
Date

2/21/77  
NO. 1463

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.

26 January 1977

Date Surveyed  
*James P. Leese*  
Registered Professional Engineer  
and/or Land Surveyor James P. Leese

1463

Certificate No.

State E-5226-1 N/2 NE/4 & SE/4 NE/4 (Mesa)  
B-11183-45 SW/4 SE/4 (Mesa)

1037

255000m.E. R. 21W.

70 000 FEET (CENTRAL)

R. O. W. 40

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36.45'

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BLANCO 48 MI

YANKEE

**T.29 M**

3000 FEET  
CENTRAL

40

# STAT Exam

VICINITY MAP FOR

**MESA PETROLEUM**

Loc. in SE/4 of

36, T29N, R8W,

**Juan County, N.**