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## NEW MEXICO OIL CONSERVATION COMMISSION

30-040-24035  
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.
E5184-12, E5382, B11240-62

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

1a. Type of Work	7. Unit Agreement Name		
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>	8. Farm or Lease Name STATE COM		
2. Name of Operator MESA PETROLEUM COMPANY	9. Well No. 37 E		
3. Address of Operator 1600 Lincoln, 2800 Lincoln Center, Denver, Colorado 80264	10. Field and Pool, or Wildcat BASIN DAKOTA		
4. Location of Well UNIT LETTER L LOCATED 1600 FEET FROM THE SOUTH LINE AND 1000 FEET FROM THE WEST LINE OF SEC. 2 TWP. 30N RGE. 8W NMPM	12. County SAN JUAN		
19. Proposed Depth 7870	19A. Formation DAKOTA	20. Rotary or C.T. ROTARY	
21. Elevations (Show whether DF, RT, etc.) 6263	21A. Kind & Status Plug. Bond STATEWIDE	21B. Drilling Contractor UNKNOWN	22. Approx. Date Work will start December 15, 1979

23.

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
15	10 3/4	40.5	300	200	SURFACE
9 7/8	7"	23	3300	500	SURFACE
6 1/4	4 1/2 Liner	10.5	7870	475	3300'

A 10" 900 series BOP will be installed and operable for all operations below surface pipe. Adequate mud and weight material will be stocked on location. Blowout problems in the mud drilled portion of the hole will be controlled by increasing mud weight. The air drilled portion of the hole will be controlled by use of a drilling head.

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 John Alexander Title AGENT Date November 27, 1979  
(This space for State Use)

APPROVED BY Frank S. Chang TITLE DEPUTY OIL & GAS COMMISSIONER DATE NOV 30 1979

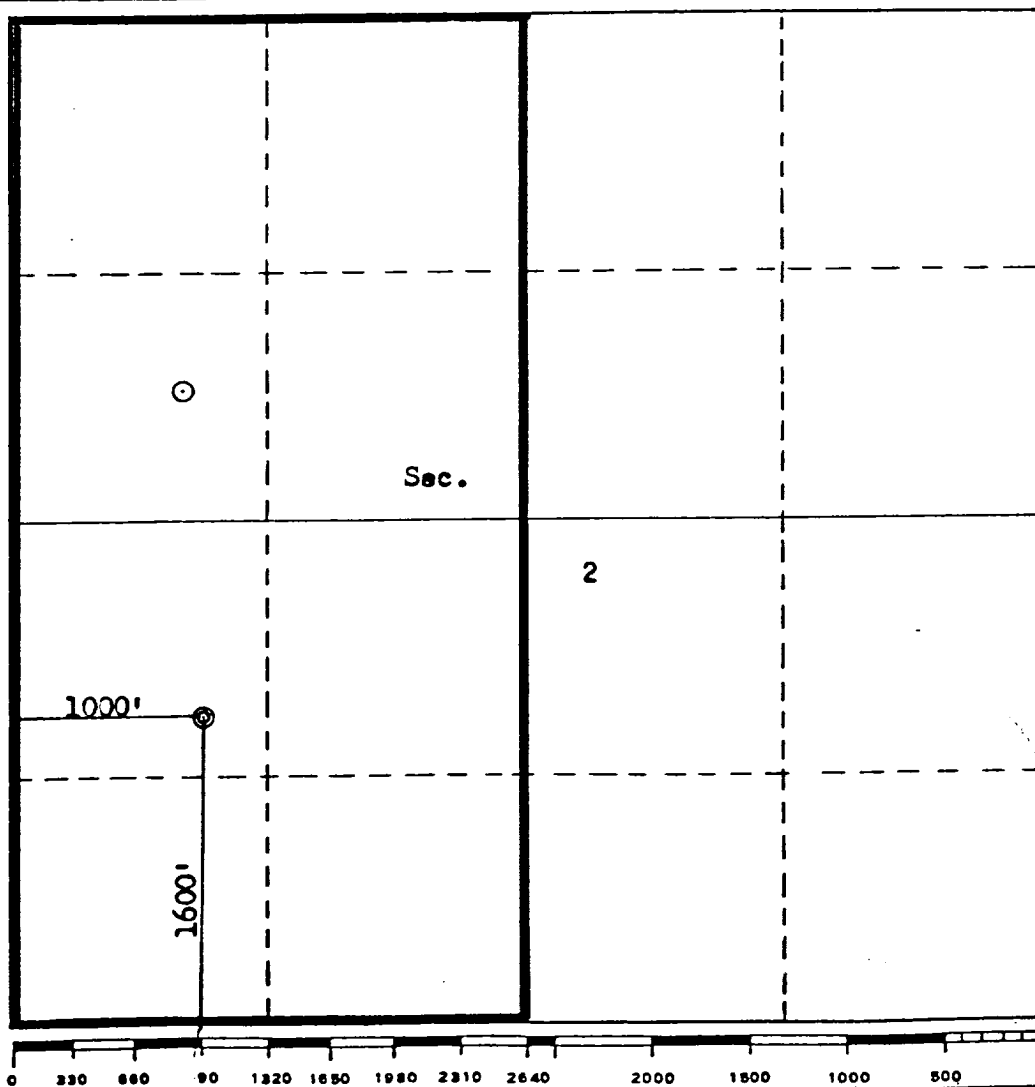
CONDITIONS OF APPROVAL, IF ANY:

## OIL CONSERVATION DIVISION

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088  
SANTA FE, NEW MEXICO 87501Form C-107  
Revised 10-1-78

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

Operator <b>MESA PETROLEUM COMPANY</b>			Lease <b>STATE COM</b>		Well No. <b>37-E</b>
Unit Letter <b>L</b>	Section <b>2</b>	Township <b>30N</b>	Range <b>8W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>1600</b> feet from the <b>South</b> line and <b>1000</b> feet from the <b>West</b> line					
Ground Level Elev. <b>6263</b>	Producing Formation <b>Dakota</b>		Pool <b>Basin Dakota</b>	Dedicated Acreage: <b>324.10</b> Acres	
<p>1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.</p> <p>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).</p> <p>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?</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If answer is "yes," type of consolidation <u>COMMUNITIZED</u></p> <p>If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____</p> <p>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.</p>					



## CERTIFICATION

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

*John Alexander*  
Name  
**JOHN ALEXANDER**

Position  
**AGENT**

Company  
**MESA PETROLEUM CO.**

Date  
**November 28, 1979**

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

**November 12, 1979**

Registered Professional Engineer  
and/or Land Surveyor

*Fred B. Kern, Jr.*  
**Fred B. Kern, Jr.**

Certificate No.

**3950**

