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NEW MEXICO OIL CONSERVATION COMMISSION

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JAN 23 1979

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.	
LG-5025	

**O. C. O.**

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 Frank State	
2. Name of Operator Mesa Petroleum Co. ✓		9. Well No. 1	
3. Address of Operator 1000 Vaughn Building Midland, Texas 79701		10. Field and Pool, or Wildcat Undesignated-Morrow	
4. Location of Well UNIT LETTER I LOCATED 2130 FEET FROM THE South LINE AND 660 FEET FROM THE East LINE OF SEC. 7 TWP. 19S RGE. 23E NMPM		12. County Eddy	
19. Proposed Depth 7700'		19A. Formation Morrow	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 4041 GR	
21A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor Ard	
22. Approx. Date Work will start 1-18-79			

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP

Supplement to C-101 submitted 1-10-79 and approved 1-16-79.  
BOP Program

Drill 17 1/2" hole to 250' without BOP.  
Set 13 3/8" casing, install 12" API 3000 psi casing head, 12" API 3000 psi X 10" API 3000 psi double studed adapter, 10" API 3000 psi double hydraulic BOP with pipe rams and blind rams.  
After setting 8 5/8" casing at 1700', a 12" API 3000 psi X 10" API 3000 psi casing spool will be installed. Then a 10" API 3000 psi double hydraulic BOP with pipe and blind rams will be installed.

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. Houston Title Engineer Date 1-20-79  
(This space for State Use)

APPROVED BY W. A. Grissett TITLE SUPERVISOR, DISTRICT II DATE JAN 24 1979

CONDITIONS OF APPROVAL, IF ANY:

XC: JLF, MEC, JWH, FILE, NMOCD