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**RECEIVED**  
 NEW MEXICO OIL CONSERVATION COMMISSION  
 MAY 5 1977  
**N. O. C.**  
 ARTERIAL OFFICE

30-015-22144  
 Form C-101  
 Revised 11-65

5A. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Unit Agreement Name
8. Farm or Lease Name Potter Fed. Com.
9. Well No. 1
10. Field and Pool, or Wildcat Undesignated
12. County Eddy
19. Proposed Depth 9800
19A. Formation Morrow
20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 3364 GR
21A. Kind & Status Plug. Bond Blanket
21B. Drilling Contractor Warton
22. Approx. Date Work will start May 21, 1977

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK			
1a. Type of Work 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"/>			
3. Name of Operator Mesa Petroleum Co.			
4. Address of Operator 1000 Vaughn Bldg., Midland, Texas 79701			
4. Location of Well UNIT LETTER B LOCATED 660 FEET FROM THE North LINE AND 1985 FEET FROM THE East LINE OF SEC. 29 TWP. 17S RGE. 27E NMPM			
12. County Eddy			
19. Proposed Depth 9800			
19A. Formation Morrow			
20. Rotary or C.T. Rotary			
21. Elevations (Show whether DF, RT, etc.) 3364 GR			
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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	300	350	circ to surface
11 "	8-5/8"	24	1700	600 LW + 200	circ to surface
7-7/8"	4-1/2"	10.5-11.6	9800	600 or suff to cover all pay	7500'

Propose to drill surface hole to 300' without BOP's. After cementing casing and installing bradenhead, will nipple up 12" API 3000 psi BOP and drill intermediate hole to 1700'. Will set 8-5/8" csg and cement same, then NU 12" API 3000 psi BOP's to drill to total depth with cut brine. Maximum mud weight should not exceed 9.3 PPG, based upon similar area wells.

Acreage for the subject well is not dedicated to a gas purchaser.

APPROVAL VALID  
 FOR 90 DAYS UNLESS  
 DRILLING COMMENCED,

EXPIRES 8-9-77

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 Division Engineer Date May 4, 1977

(This space for State Use)

APPROVED BY W. A. Gussett TITLE SUPERVISOR, DISTRICT II DATE MAY 9 1977

CONDITIONS OF APPROVAL, IF ANY:

XC: MEC, RHN, JLF, JWH, 5 NMOCC, Part 1 must be circulated to time to witness cementing

11-1231-89