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NEW MEXICO OIL CONSERVATION COMMISSION

DEC 23 1976

O.C.C.
ARTESIA, OFFICE

30-015-22007

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.	
L-324	

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 Hondo State	
2. Name of Operator Mesa Petroleum Co. ✓		9. Well No. 1	
3. Address of Operator 1000 Vaughn Bldg., Midland, TX 79701		10. Field and Pool, or Wildcat Undesignated Morrow	
4. Location of Well UNIT LETTER <u>E</u> LOCATED <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>32</u> TWP. <u>20S</u> RGE. <u>28E</u> NMPM		12. County Eddy	
19. Proposed Depth 11,600'		19A. Formation Morrow	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 3227 GR	
21A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor Warton Drlg Co.	
22. Approx. Date Work will start January 1, 1977			

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	600'	750	Circ to surface
11 12¼"	8-5/8	24-32	2,800'	1,300	Circ to surface
7-7/8	5-1/2	17	11,600'	500	10,000'

BOP's will not be used to drill surface hole. Thereafter, 12" API 3000 psi WP hydraulic BOP's (double ram - pipe and blind and hydril) will be used to total depth. Mud weight should not exceed 10 PPG based on offset well.

Acreage dedicated to proposed well is not committed to a gas contract.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 3-29-77

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 December 22, 1976

(This space for State Use)

APPROVED BY W. A. Gressitt TITLE SUPERVISOR, DISTRICT II DATE DEC 29 1976

CONDITIONS OF APPROVAL, IF ANY: Cement must be circulated to surface behind 13¾" + 8½" casing

XC: JLF, RHN, MEC, LMC, JWH, 5-NMOCC,
Minimum WOC time / 8 hrs.

Notify N.M.O.C.C. in sufficient time to witness cementing the 8½" casing