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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE FEE

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
b. Type of Well DRILL DEEPEN PLUG BACK
OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. Name of Operator
Mesa Petroleum Co.

3. Address of Operator
Box 2009, Amarillo, Texas 79105

4. Location of Well UNIT LETTER E LOCATED 1980 FEET FROM THE N LINE
AND 660 FEET FROM THE W LINE OF SEC. 13 TWP. 16S RGE. 35E NMPM

7. Unit Agreement Name

8. Farm or Lease Name
Hilburn

9. Well No.
1

10. Field and Pool, or Wildcat
North Shoe Bar-Wolfcamp
Undesignated Morrow

12. County
Lea

19. Proposed Depth
12,020'

19A. Formation
Wolfcamp-Morrow

20. Rotary or C.T.
Rotary

21. Elevations (Show whether DF, RT, etc.)
3967' GL

21A. Kind & Status Plug. Bond
Blanket

21B. Drilling Contractor
Unknown

22. Approx. Date Work will start
7-27-73

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#-H-40	430'	suff. to circ	to surf.
11"	8 5/8"	24-28	4800'	to be determined	3000'
7 7/8"	4 1/2"-5 1/2"	to be determined	to be determined	to be determined	at TD

sufficient to cover producing zones

B.O.P. series 900 to TD

Use mud additives as required for control

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,
EXPIRES 10/10/73

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.

by [Signature] Title Operations Sup't. Date July 10, 1973

(This space for State Use)

APPROVED BY [Signature] TITLE _____ DATE _____

REASONS FOR APPROVAL, IF ANY:

