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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease: STATE [ ] FEE [X]

5. State Oil & Gas Lease No.: -------

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. Type of Well: OIL WELL [X] GAS WELL [X] OTHER SINGLE ZONE [ ] MULTIPLE ZONE [X]

7. Unit Agreement Name: -------

8. Farm or Lease Name: Lister

9. Well No. 1

2. Name of Operator: Mesa Petroleum Co.

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

3. Address of Operator: P. O. Box 2009, Amarillo, Texas 79105

4. Location of Well: UNIT LETTER G LOCATED 1980 FEET FROM THE North LINE AND 1980 FEET FROM THE East LINE OF SEC. 13 TWP. 16 S RGE. 35 E NMPM

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.): 3962.6 GL

21A. Kind & Status Plug. Bond: Blanket

21B. Drilling Contractor: Unknown

22. Approx. Date Work will start: 9-12-73

23. 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# H-40	430	Suff. to circ.	to surf.
11"	8 5/8"	24 - 28	4800	To be determined @ 3000'	
7 7/8"	4½" - 5½"	To be determined	To be determined	To be determined @ TD. Suff. to cover producing zones	

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,
EXPIRES 12-6-73

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 [signature] Title Operations Superintendent Date August 28, 1973

(This space for State Use)

APPROVED BY [signature] TITLE [illegible] DATE SEP 6 1973

CONDITIONS OF APPROVAL, IF ANY: