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NEW MEXICO OIL CONSERVATION COMMISSION

SEP 29 1977

O. C. C.
ARTESIA, OFFICE

30-015-22307
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-484	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name Bogle State Com	
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 <i>monow</i>	
4. Location of Well UNIT LETTER I LOCATED 2560 FEET FROM THE North LINE AND 660 FEET FROM THE East LINE OF SEC. 2 TWP. 16S RGE. 27E NMPM		12. County Eddy	
19. Proposed Depth 9000		19A. Formation Morrow	
20. Rotary or C.T. Rotary			
21. Elevations (Show whether DF, RT, etc.) 3578 GR		21A. Kind & Status Plug. Bond Blanket	
21B. Drilling Contractor Warton Drilling Co.		22. Approx. Date Work will start 10-5-77	

23.

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	350	400	Surface
11	8-5/8"	24	1800	800	Surface
7-7/8	4-1/2"	11.6	9000	Sufficient to	cover all pay

Propose to drill 17 1/2" hole to approximately 350' without BOPs. After cementing 13-3/8" casing and nipping up 12" API 3000 psi BOPs, will drill 11" hole to approximately 1800' using brine as drilling fluid. Will drill 7-7/8" hole to total depth using cut brine drilling fluid and same BOP arrangement as before (hydraulic ram, blind, and annular bag). Maximum mud weight should not exceed 9.4 PPG based on offset well data.

Operator's gas is dedicated to Northern Natural Gas Company.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 12-30-77

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 9-28-77

(This space for State Use)

APPROVED BY W.A. Gressett TITLE SUPERVISOR, DISTRICT II DATE SEP 30 1977

CONDITIONS OF APPROVAL, IF ANY:

Cement must be circulated to
surface behind 13 3/8" 8 7/8" casing

Notify N.M.O.C.C. in sufficient
time to witness cementing
the 8 7/8" casing

XC: RHN, 5NMOCC, JLF, MEC, JWH, JWJ, WI PARTNERS