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 STATE
 NO. 1
 NO. 2
 AND OFFICE
 OPERATOR

NEW MEXICO OIL CONSERVATION COMMISSION

RECEIVED

NOV 19 1974

30-015-21423

Form O-101
Revised 1-1-74

1A. Indicate
 STATE ☒ X
 3. State Oil
 K-4659

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. Type of Work **ARTESIA, OFFICE**
 2. Type of Well **DRILL ☒ DEEPEN ☐ PLUG BACK ☐**
 3. Name of Operator **Mark Production Company**
 4. Address of Operator **330 Citizens Bank Building, Tyler, Texas 75701**
 5. Location of Well **UNIT LETTER K LOCATED 1980 FEET FROM THE South LINE**
1980 FEET FROM THE West LINE OF SEC. 32 TWP. 20S RGE. 24E NMPM
 6. Field and Subfield **Wildcat**
 7. Unit Agreement
 8. Name of Leaseholder **State "C"**
 9. Well No. **1**
 10. Field and Subfield
 11. County **Eddy**
 12. County
 13. Proposed Depth **9,250'**
 14. Formation **Morrow**
 15. Rotary
 16. Elevations (Show whether DF, RT, etc.) **3,863' GL**
 17. Kind & Status Plug. Bond **\$10,000 Blanket**
 18. Drilling Contractor **Cactus Drilling Co.**
 19. Approx. Date **December 5, 1974**

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	12-3/4"	50#	325	350	Circ
11"	8-5/8"	32#	1250	375	Circ
7-7/8"	4-1/2"	11.6#	9350	375	

10" 900 Series Hydril - Shaffer Model 39 - 3000# Hydraulic Blowout Preventers (see attached plat showing choke manifold and equipment)

Pit Volume Totalizer
 Flowline Sensor
 Pumpstroke Counter

Mud Program:

0 - 300' - Spud Mud
 300 - 1250' - Native Mud
 1250 - 6500' - Water
 6500 - 9250' - Mud up - 9.5# to 9.8# MW - Vis 34-40 - WL 20cc or less

APPROVAL VALID
 FOR 90 DAYS UNLESS
 DRILLING COMMENCED,

EXPIRES 2-21-75

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED 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 Jaydon Thompson Title Assistant Secretary Date November 15, 1974

(This space for State Use)

APPROVED BY W. A. Gussett TITLE OIL AND GAS INSPECTOR DATE NOV 21 1974

CONDITIONS OF APPROVAL, IF ANY:

Cement must be circulated to
 surface behind 12 3/4" casing

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