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NEW MEXICO OIL CONSERVATION COMMISSION

Form O-101
Revised 1-1-65

5A. Indicate Type of Lease STATE ☒ FEE ☐
5. State Oil & Gas Lease No. K-5027-1
7. Unit Agreement Name
8. Farm or Lease Name Leonard State
9. Well No. 1
10. Field and Pool or Unit Wilson-Morrow
12. County Lea
13. Proposed Depth 12700
19A. Formation Morrow
20. Rotary or C.T. Rotary
21. Elevations (Show whether D.F., R.T., etc.) Available at Later Date
21A. Kind & Status Plug, Bond Blanket
21B. Drilling Contractor MORROW CO.
22. Approx. Date Work will start November 1, 1974

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK					
1a. Type of Work b. Type of Well OIL WELL ☐ GAS WELL ☒ OTHER ☐ DRILL ☒ DEEPEN ☐ PLUG BACK ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐					
2. Name of Operator Dorchester Exploration, Inc.					
3. Address of Operator 1204 Vaughan Building - Midland, Texas					
4. Location of Well UNIT LETTER B LOCATION 200 FEET FROM THE North LINE AND 1980 FEET FROM THE East LINE 24 200 3 200 NMPPM					
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"	40	400	100	Surface
12 1/4"	9 5/8"	17-23	800	100	3500
8 3/4"	5 1/2"	17-20	2700	00	11300

1. Drill 17 1/2" hole to 400' and set 13 3/8" Casing. Cement with 100 sacks.
2. Drill 12 1/4" hole to 8,000'. Set 9 5/8" Casing. Cement with 100 sacks.
3. Drill 8 3/4" hole to 12,700'. Set 5 1/2" Casing. Cement with 100 sacks.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 1-4-75

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed I. S. Nix Title Drilling Engineer Date 10-2-74

(This space for State Use)

APPROVED BY [Signature] TITLE State Engineer DATE 10-2-74

CONDITIONS OF APPROVAL, IF ANY: