

STATE OF NEW MEXICO
OIL AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

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SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE ☒ FEDERAL ☐
5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Type of Work AMENDED

Type of Well DRILL ☒ DEEPEN ☐ PLUG BACK ☐
OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐
Name of Operator

7. Unit Agreement Name

8. Farm or Lease Name
New Mexico "A" State

9. Well No.
1

Knox Industries, Inc.

Address of Operator

P. O. Box 3023, Midland, Texas 79702

10. Field and Pool, or Wildcat
Undesignated
Morrow

Location of Well UNIT LETTER 0 LOCATED 660 FEET FROM THE South LINE

2080 FEET FROM THE East LINE OF SEC. 35 TWP. 18-S RGE. 34-E NMPM

12. County
Lea

19. Proposed Depth 13,700	19A. Formation Morrow	20. Rotary or C.T. Rotary
21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor Willbros Drlg. Co.	22. Approx. Date Work will start August 1, 1981

Elevations (Show whether DT, RL, etc.)
3976 GR

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	500	530	Surface
12-1/4"	8-5/8"	24 x 32	4400	750	2580
7-7/8"	5-1/2"	17	13,700	800	9700

Drill a 17-1/2" hole with fresh water to 500', run and set 13-3/8" casing, cement to surface. WOC 18 hrs. NUBOP. Test casing and BOP to 600 psi. Drill out and drill ahead in 12-1/4" hole with cut brine to 4400'. Run and set 8-5/8" casing at 4400'. Cement with 750 sx. WOC 18 hrs. NUBOP. Test casing and BOP's to 1500 psi. Drill ahead w/cut brine in 7-7/8" hole. Mud up at 11,000 + to a 30 Vis, 9.5#, 12 to 20 W.L. product. Drill ahead to 13,700', drill stem testing significant shows as indicated from drilling time, samples, and mud log "kicks". Run open hole logs. Run 5-1/2" 17# casing to TD and cement w/800 sx. MORT to complete.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 1/17/82
UNLESS DRILLING UNDERWAY

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.

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

By Charles J. Love Title Production Manager Date July 10, 1981

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DATE [Signature]

CONDITIONS OF APPROVAL, IF ANY: