

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTOIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-101
Revised 10-1-78

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U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease	STATE <input checked="" type="checkbox"/>	FEED <input type="checkbox"/>
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5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

New Mexico State "A" State

9. Well No.

1

10. Well Location (Public or Private)
La Rica, East12. County
Lea

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

OIL WELL ☐GAS WELL ☒OTHER ☐SINGLE ZONE ☐MULTIPLE ZONE ☐

c. Name of Operator

Knox Industries, Inc.

d. Address of Operator

P. O. Box 3023, Midland, TX 79702

e. Location of Well

UNIT LETTER N LOCATED 660 FEET FROM THE South LINE

f. Section

1980 FEET FROM THE West LINE OF SEC. 35 TWP. 18-S REE. 34-E

19. Proposed Depth

13,700

19A. Formation

Morrow

20. Rotary or C.T.

Rotary

21. Elevations (Show whether DF, KT, etc.)

3979 GR

21A. Kind & Status Plug. Bond

* Blanket

21B. Drilling Contractor

Willbros Drlg. Co.

22. Approx. Date Work will start

March 15, 1981

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	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 500 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.

* In process of securing blanket bond.

***CEMENT ON THE INTERMEDIATE CASING MUST BE BROUGHT FROM THE TOP OF THE SALT OR ANHYDRIDE TO THE SURFACE CASING BY EITHER CIRCULATING WITH CEMENT OR A DV TOOL AT THE TOP OF THE SALT.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 7/19/81
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 PRODUCTIVE 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 Leland H. Hargis Title Production Manager Date December 8, 1980
(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT DATE 12/8/80
CONDITIONS OF APPROVAL, IF ANY: ***SEE ABOVE

NE' MEXICO OIL CONSERVATION COMMISSIC
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

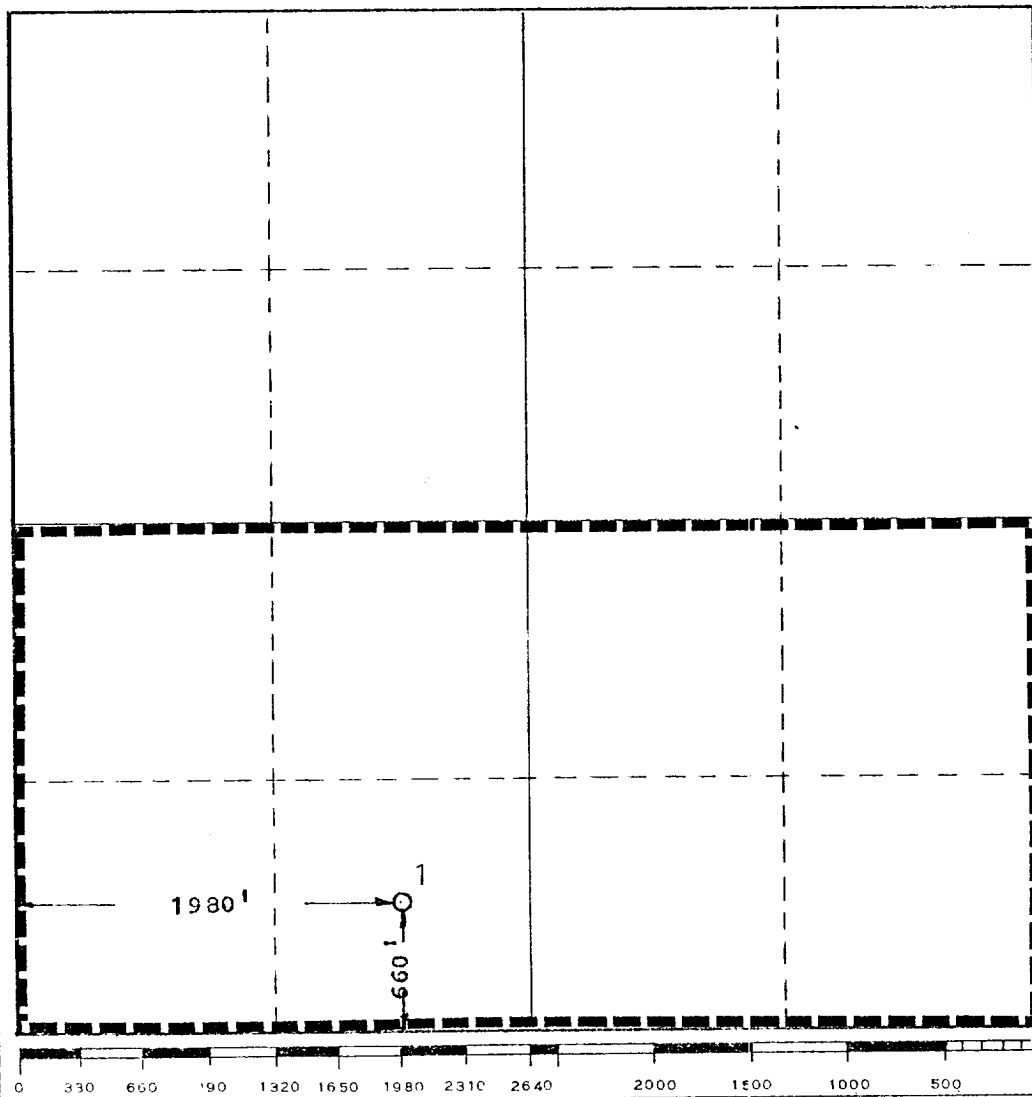
Operator Knox Industries, Inc.			Lease New Mexico State "A" State		Well No. 1
Unit Letter N	Section 35	Township 18-S	Range 34-E	County Lea	
Actual Footage Location of Well: 660 feet from the South line and 1980 feet from the West line					
Ground Level Elev. 3979'	Producing Formation Morrow	Pool La Rica, East		Dedicated Acreage: 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

Name Leaund Hantz
Position Production Manager
Company Knox Industries, Inc.
Date December 8, 1980

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed Dec. 4, 1980
Registered Professional Engineer and/or Land Surveyor

Merle C. Shover
Certificate No.

2189