

KANSAS DRILLERS LOG

S. 6 T. 19 R. 24 ^E/_W

API No. 15 — 135 — 21,289
County Number

Loc. 150 S/C SW NE

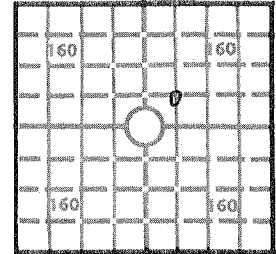
Operator Kinderhook Oil & Gas, Inc.

County _____

Address 4608 Boulevard Place, Des Moines, Iowa 50311

640 Acres
N

Well No. # 1 Lease Name Antenen



Footage Location 150 feet from (N) (S) line C SW NE feet from (E) (W) line

Locate well correctly
2368' GL

Principal Contractor strata Geologist Dr. Russell Campbell

Spud Date March 7, 1977 Total Depth 4,372 P.B.T.D. 4422 open hole

Elev.: Gr. _____

Date Completed March 13, 1977 Oil Purchaser _____

DF _____ KB 2373

CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12 1/2	8 5/8"	26 lb	293'	common	200	2% gel, 3% CC
Long string	7 7/8	4 1/2"	9 lb	4371	5% salt 50-50 Pozmix 5% NaCl	50 50	5% salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Open hole 4372-4422 Cherokee and top Mississippi dry	
4420-22 yielded 5% oil. Plugged and abandoned	

INITIAL PRODUCTION

Date of first production _____	Producing method (flowing, pumping, gas lift, etc.) _____
RATE OF PRODUCTION PER 24 HOURS	Oil _____ Gas _____ Water _____ Gas-oil ratio _____
Disposition of gas (vented, used on lease or sold) _____	Producing interval(s) _____

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator **KINDERHOOK OIL & GAS, INC.** DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

Well No. # **1** Lease Name **Antenen** dry hole

S 6 T19S R 24 ^{XX}
W

WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Anhydrite	1631	1675	Anhydrite	
Heebner Shale	3748	3753	Heebner	
Torronto Limestone	3770	3782	Torronto	
Lansing, K.C. Limestone, shale	3792	4098	Lansing, K.C.	
Pawnee Limestone	4223	4290	Pawnee	
Ft. Scott Limestone	4397	4320	Ft. Scott	
Cherokee Shale Cong	4419		Cherokee Cong.	
No clean Cherokee Sd.				

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received	Signature
	Title
	Date