

State Geological Survey

WICHITA BRANCH

15-093-20417

KANSAS DRILLERS LOG

API No. 15 — 093 — 20,417
County Number

S. 23 T. 26 R. 35 E W
Loc. 2310' FWL & 2640' FSL
County Kearny

Operator
Helmerich & Payne, Inc.

Address
Box 558 Garden City, Kansas 67846

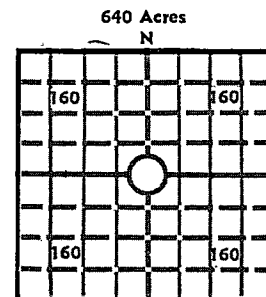
Well No. #B-5 Lease Name Citizens' Building and Loan

Footage Location
2640 feet from (N) (S) line 2310 feet from (E) (W) line

Principal Contractor Gabbert & Jones, Inc. Geologist Joseph Blair

Spud Date 5-12-77 Total Depth 2925' P.B.T.D.

Date Completed 5-17-77 Oil Purchaser NONE



Locate well correctly
Elev.: Gr. 2999
DF 3002 KB 3004

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 1/4"	8 5/8"	28# & 23#	787	Howcolite	350	1/4# Flocile per sack w/2% CaCl
					Class H	150	w/3% CaCl
Production	7 7/8"	4 1/2"	11.6# 10.5# 9.5#	2924	Howcolite	700	10% Gilsomite per sack
					50/50 Pozmix	100	2%gel & 18% salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
					2795 - 99'
					2806 - 40'
					2854 - 61'
					2875 - 81'
					2894 - 2900'

TUBING RECORD

Size	Setting depth	Packer set at
2 3/8	2909	NONE

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acidize w/4500 gals 15% HCL & 150 ball sealers, 4 gals inhibitor	2795 - 2900'
Frac w/2000 gals 15% HCL + 100,000 gal fresh water & 50,000# river sand	2795 - 2900'

INITIAL PRODUCTION

Date of first production 8-11-77 Producing method (flowing, pumping, gas lift, etc.) Pumping (water)

RATE OF PRODUCTION PER 24 HOURS Oil bbls. 3111 MCF Gas 15 bbls. Water Gas-oil ratio CFPB

Disposition of gas (vented, used on lease or sold) Sold - Colorado Interstate Gas Company Producing interval (s) 2795 - 2900'

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 trans-
mitted 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
56044.

Operator Helmerich & Payne, Inc.		Designate type of comp.: OIL, GAS, DRY HOLE, SWDW, ETC.:	
Well No. 5	Lease Name C B & L "B"		Gas
S 23 T 26 R 35 E 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
Council Grove - limestone, white to buff to tan finely crystalline, fossiliferous fair to good porosity.	2790	2925	Base Stone Corral 1880' Herrington 2516' Winfield 2561' Ft Riley 2627' Florence 2734' Wreford 2767' Council Grove 2790' TD 2925'
			Gamma Ray Neutron
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received	 Signature Assistant Chief Production Clerk Title February 1, 1978 Date		