

State Geological Survey

WICHITA BRANCH

KANSAS DRILLERS LOG

15-093-20415

API No. 15 — 093 — 20,415
County Number

S. 14 T. 26 R. 35 E
W
Loc. 2310' FWL & 2310' FNL
County Kearny

Operator
Helmerich & Payne, Inc.

Address
Box 558 Garden City, Kansas 67846

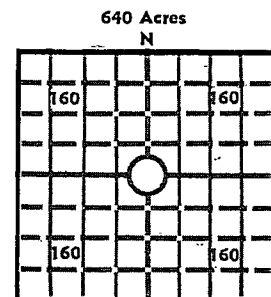
Well No. #B-3 Lease Name Citizen's Building & Loan

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

Principal Contractor Gabbert & Jones, Inc. Geologist Joseph Blair

Spud Date 4-29-77 Total Depth 2940' P.B.T.D.

Date Completed 5-4-77 Oil Purchaser NONE



Locate well correctly
Elev.: Gr. 3018
DF 3021 KB 3023

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#	818'	Howcolite	350	1 1/4# Flocele per sack & 2% CaCl
					Class H	150	3% CaCl
Production	7 7/8"	4 1/2"	10.5#	2939'	Howcolite	750	10# Gilsonite per sack
					Pozmix	100	18% Salt

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement
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PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
		2798' - 2802'
		2812' - 35'
2	1/2" Omega	2860' - 67'
		2878' - 86'

TUBING RECORD

Size	Setting depth	Packer set at
2 3/8	2919'	NONE

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acidize w/4500 gals 15% HCL w/100 ball sealers	2798' - 2886'
Frac 2000 gals 15% HCL + 100,000 gal fresh water and 100,000# river sand	2798' - 2886'

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. 2551 MCF Water 2 bbls. Gas-oil ratio CFPB
Disposition of gas (vented, used on lease or sold) Sold - Colorado Interstate Gas Company	Producing interval (s) 2798' - 2886'

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 Helmerich & Payne, Inc.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 3	Lease Name C B & L "B"	Gas
S <u>14</u> T <u>26</u> R <u>35</u> 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.	2792	2940	Base Stone Corral	1888'
			Herrington	2516'
			Winfield	2575'
			Ft Riley	2630'
			Florence	2734'
			Wreford	2769'
			Council Grove	2792'
			TD	2940'
			Gamma Ray	
			Neutron	

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

Date Received	<i>Dennis W. Hitesher</i> Signature Assistant Chief Production Clerk Title February 1, 1978 Date
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