The Kansas Geological Survey needs samples from this well for research. Also, if this well penetrates the PreCambrian, the Survey would like to have all the cuttings that contain crystaline samples.

IMPORTANT
Kans. Geo. Survey request samples on this well.

15-009-21671

State Geological Survey
WICHITA BRANCH

KANSAS DRILLERS LOG

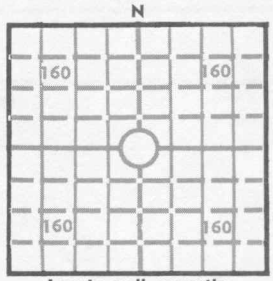
API No. 15 — 009 (County) — 21,671 (Number)

S. 30 T. 16 R. 13 E/W

Loc. SW NE NE

County Barton

640 Acres
N



Locate well correctly

Elev.: Gr. 1946

DF _____ KB 1954

Operator: Roy Vonfeldt

Address: 524 St. John Russell, Kansas 67665

Well No.: #2

Lease Name: Michaelis

Footage Location: SW-NE-NE Sect 30-16-30
feet from (N) (S) line — feet from (E) (W) line

Principal Contractor: Duke Drilling

Geologist: Francis C. Whisler

Spud Date: Aug 13 1979

Total Depth: 3400

P.B.T.D.:

Date Completed: Aug 17 1979

Oil Purchaser: Citie Service

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
		8 5/8	24#	653		300	60/40 - 10% gel
		5 1/2	14	3397		125	60/40 - 10% gel

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

TUBING RECORD

Size	Setting depth	Packer set at
2 1/2	3394	-

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
750 gal mud acid 15%	open hole
producing from Arbuckle	

INITIAL PRODUCTION

Date of first production: 9-6-79

Producing method (flowing, pumping, gas lift, etc.): pumping

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	60 bbls.	MCF	0 bbls.	CFPB

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.

C-10-1972

Operator		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No.	Lease Name	
S_____T_____R_____ 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

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

Date Received	Ray Donfeld Signature Operator Title Date