State Geological Survey
WICHITA, BRANCH

KANSAS DRILLERS LOG

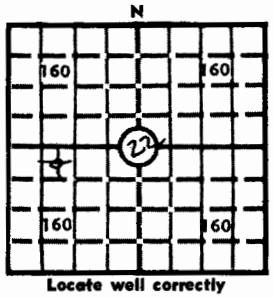
S. 22 T. 14 R. 10 E W

API No. 15 — 053 — 20421
County Number

Loc. 150'SW-NE NWSW

County Ellsworth

640 Acres
N



Locate well correctly

Elev.: Gr. 1702

DF _____ KB 1707

Operator
G.N. Rupe

Address
P.O. Box 2273 Wichita, Kans. 67201

Well No.	Lease Name
1	A. Vopat

Footage Location
~~990~~ 2310 feet from (N) (S) line 990 feet from (E) (W) line

Principal Contractor	Geologist
Red Tiger Drlg. Co.	W. G. Clement

Spud Date	Total Depth	P.B.T.D.
10-31-75	2926	

Date Completed	Oil Purchaser

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	12¼"	8 5/8"	24#	250	Common	160	3%Gel-3%CaCl

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

TUBING RECORD

Size	Setting depth	Packer set at

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

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
	bbls.	MCF	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.:
G. N. Rupe	Dry hole
Well No. 1	**Lease Name** A. Vopat
S 22 T 14 R 10 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
DST #1 2438-63 (30-30-5) Rec. 20' mud ISIP 83# IFP 27#-27# FSIP-None FFP 27#			Tarkio Howard Heebner LANS.	2160 2372 2701 2818
DST #2 2836-58 (30-45-~~30~~ 45) Rec. 30' mud w/so on test tool. ISIP 55# IFP 36# FSIP 55# FFP 36#				
DST #3 2905-26 (30-30-5) Rec. 20' mud ISIP 50# IFP 36#-36# FFP 36#				

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

Date Received

W. J. Ebersole
Signature

Petr. Geol.
Title

7-4-76
Date

Drillers Log

No. 1 Adolph J. Vopat

22-14-10W
150' SW, NE NW SW

CASING RECORD

8 5/8" @250'
w/160 sx cmt

COMPANY: Glen N. Rupe

CONTRACTOR: Red Tiger Drilling Company

COMMENCED: N October 30, 1975

COMPLETED: November 6, 1975

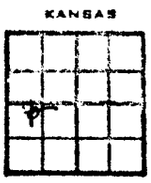
DESCRIPTION:

N/2 NW/4 SW/4
Sec.22-14S-10W
Ellsworth County,
Kansas

TOTAL DEPTH: 2926'

ELEVATION: 1702 GL

FORMATION	FROM	TO	REMARKS
Surface Clay & Shale	0	251	
Shale	251	450	
Shale	450	509	
Anhydrite	509	540	
Shale	540	1200	
Shale & Lime	1200	1560	
Shale & Lime	1560	1730	
Shale & Lime	1730	1980	
Shale & Lime	1980	2210	
Shale & Lime	2210	2340	
Shale & Lime	2340	2463	
Lime	2463	2535	
Lime	2535	2650	
Lime	2650	2755	
Lime	2755	2835	
Lime	2835	2858	
Lime	2858	2900	
Lime	2900	2926	
RTD		2926	



KANSAS GEOLOGICAL SOCIETY
Wichita, Kansas



I certify that this is a true and correct copy of the above log to the best of my knowledge.

RED TIGER DRILLING COMPANY

Jean Stocks

Subscribed and sworn to before me this 12th day of November, 1975.

D'Ann Brennan
Notary Public

My Commission Expires: 12/28/77

SMP TOPS:	DEPTH:
Anh	509
B Anh	540
Gr Hav	2082
Tark	2160
Elm	2225
Burlg	2302
How	2372
Top	2408
Wil Cr Top	2451
Heeb	2701
Br Lm	2797p
Lkc	2818
Rtd	2926