

WICHITA BRANCH
KANSAS DRILLERS LOG

15-083-20484

S. 21 T. 21S R. 23W E
SE SE SE

API No. 15

County

Number

Operator

Thunderbird Drilling, Inc.

Address

P. O. Box 18407- Wichita, Kansas 67218

Well No.

1

Lease Name

Folkerts

Footage Location

feet from (N) (S) line

feet from (E) (W) line

Principal Contractor

Thunderbird Drilling, Inc.

Geologist

Spud Date

7/24/77

Total Depth

4551

P.B.T.D.

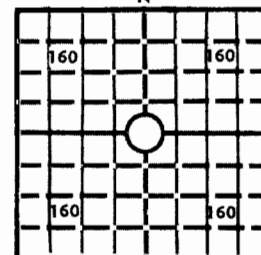
Date Completed

8/21/77

Oil Purchaser

Koch

County Hodgeman

640 Acres
N

Locate well correctly

Elev.: Gr.

DF KB 2355

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		8 5/8"		329	com	200	2% gel, 3% cc
Production		4 1/2"		4537		150	

LINER RECORD

PERFORATION RECORD

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

TUBING RECORD

Size	Setting depth	Packer set at			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
500 Gal. MA , 1000 gal. 28% NE.	4337-4551

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
9/13/77		Pumping			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	35 bbls.	None MCF	2 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.

Operator Thunderbird Drilling, Inc.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:	
Well No. 1	Lease Name Folkerts	Oil	
S <u>21</u> T <u>21</u> R <u>23</u> W <u>E</u> 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 /60", rec. 5" mud, FP 35-35#, BHP 35-35#	4281	4307	Anhydrite 1570 + 785 B/Anhydrite 1602 + 753 Heebner 3863-1508 Toronto 3880-1525
DST #2 /45"-45"-45"-45", rec. 600' gsy oil, 1260' sw, FP 225-830#, BHP 882-882#	4305	4321	Lansing 3914-1559 BKC 4255-1900 Marmaton 4291-1936 Pawnee 4377-2022
DST #3 /30"-30"-30"-30", rec. 60' so&gcm, FP 61-78#, BHP 121-124#	4443	4473	Fort Scott 4442-2087 Cherokee 4469-2114 Mississippian 4527-2172 RTD 4553
DST #4 /30"-30"-30"-30", rec. 60' so&gcm, GP 35-61#, BHP 848-363#	4528	4545	LTD 4551
DST #5 /45"-45"-45"-45", rec. 240' gas, 125' clean oil, 125' mdy oil, FP 43-95#, BHP 1263-1211#	4543	4553	
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received	Signature _____ Title _____ Date _____		

State Geological Survey
WICHITA, BRANCH

L KILLERS LOG

21-21-23W /
15-083-20484
21-21-23W

Company DuPont Oil Company Contractor Thunderbird Drilling, Inc.
Operator-Thunderbird Drilling, Inc. Elevation 2355 K.B.
Farm Folkerts (Twin)
Well No. 1 Casing 8 5/8" @ 329' w/200 sx
Location APPROX. SE SE SE,
Sec. 21-21S-23W
County Hodgeman Production 4 1/2" @ 4537' w/150 sx

<u>From</u>	<u>To</u>	<u>Description</u>
0	329	Surface Hole
329	625	Shale
625	1040	Shale & Sand
1040	1245	Sand
1245	1465	Shale & Red Bed
1465	1570	Shale
1570	1602	Anhydrite
1602	2315	Shale
2315	2680	Shale & Shells
2680	3865	Shale & Lime
3865	T.D.	Lime & Shale

RECEIVED
STATE CORPORATION COMMISSION

AUG 27 1976

CONSERVATION DIVISION
Wichita, Kansas

STATE OF KANSAS)
) ss.
COUNTY OF SEDGWICK)

I, Burke Krueger, of Thunderbird Drilling, Inc. upon oath states
that the above and foregoing is a true and correct copy from the Daily Drilling
Report from your #1 Folkerts.

Burke Krueger