

KANSAS DRILLERS LOG

State Geological Survey
WICHITA, BRANCH

API No. 15 — County — Number —

Operator

Thunderbird Drilling, Inc.

Address

P.O. Box 18407 Wichita, Kansas 67218

Well No.

#1

Lease Name

Schaffer

Footage Location

feet from (N) (S) line

feet from (E) (W) line

Principal Contractor

Thunderbird Drilling, Inc.

Geologist

Stanton S. Cox

Spud Date

1/25/77

Total Depth

4483'

P.B.T.D.

Date Completed

2/4/77

Oil Purchaser

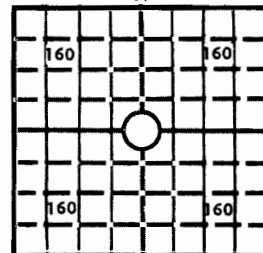
S. 35 T. 22S R. 22 W

Loc. APPROX. NW NE

County Hodgeman

640 Acres

N



Locate well correctly

Elev.: Gr.

DF KB 2216

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"		314'	com	225	2% gel, 3% cc.

LINER RECORD

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

Shots per ft.	Size & type	Depth interval
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TUBING RECORD

Size	Setting depth	Packer set at
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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.

Operator Thunderbird Drilling, Inc.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:	
Well No. #1	Lease Name Schaffer	Dry Hole	
S <u>35</u> T <u>22S</u> R <u>22</u> E W			
WELL LOG <small>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.</small>		SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.	
FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME
DST #1 /60", rec. 60' mud, FP 112-138# BHP 1349-1298#/30"	4180	4320	NO LOG RUN Sample Tops:
DST #2 /60", rec. 140' mud, tr oil, FP 52-104# BHP 1306-1263#/30"	4426	4470	Anhydrite 1357 B/Anhydrite 1392 Heebner 3790 Toronto 3806 Lansing 3875 BKC 4190 Marmaton 4228 Pawnee 4316
DST #3 /90", rec. 255' mud, tr oil, FP 69-156#, BHP 1341-1324#/45"	4426	4475	Fort Scott 4379 Choerkee 4404 Conglomerate 4445 Mississippian 4465 RTD 4483-2267
DST #4 misrun	4472	4483	
DST #5 /90", rec. 20' vsocm, 120' mw, FP 35-78#, BHP 1289-1254#/45"	4471	4483	
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received	<div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px; text-align: center;">Signature</div> <div style="border-bottom: 1px solid black; margin-bottom: 5px; text-align: center;">Title</div> <div style="border-bottom: 1px solid black; margin-bottom: 5px; text-align: center;">Date</div>		