

State Geological Survey
WICHITA, BRANCH

KANSAS DRILLERS LOG

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

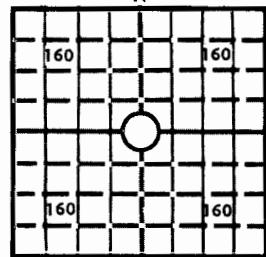
S. 35 T. 22S R. 22 W

Loc. APPROX. NW NE

County Hodgeman

640 Acres

N



Locate well correctly

Elev.: Gr. _____

2216

DF _____ KB _____

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

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

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
RATE OF PRODUCTION PER 24 HOURS	Oil bbls.	Gas MCF	Water bbls.	Gas-oil ratio	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 Driller's 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. Driller's 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 35 T 22S R 22 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 /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
DST #3 /90", rec. 255' mud, tr oil, FP 69-156#, BHP 1341-1324#/45"	4426	4475	BKC	4190
			Marmaton	4228
			Pawnee	4316
			Fort Scott	4379
DST #4 misrun	4472	4483	Choerkee	4404
			Conglomerate	4445
DST #5 /90", rec. 20' vsocm, 120' mw, FP 35-78#, BHP 1289-1254#/45"	4471	4483	Mississippian	4465
			RTD	4483-2267

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

Date Received	<hr/> <hr/> <hr/>
	Signature
	<hr/>
	Title
	<hr/>
	Date