

The Kansas Geological Survey needs samples from this well for research. If this well penetrates the PreCambrian, the Survey would like to have ALL the cuttings that contain crystalline samples. This is in addition to the samples normally sent in to the Wichita Well Sample Library.

KANSAS DRILLERS LOG

API No. 15

137

20,170
Number

Operator

Thunderbird Drilling, Inc.

Address

P. O. Box 18407 Wichita, Kansas 67218

Well No.

#1

Lease Name

Brooks

Footage Location

feet from (N) (S) line

feet from (E) (W) line

Principal Contractor

Thunderbird Drilling, Inc.

Geologist

Stanton S. Cox, Jr.

Spud Date

4/17/80

Total Depth

4070

P.B.T.D.

Date Completed

5/14/80

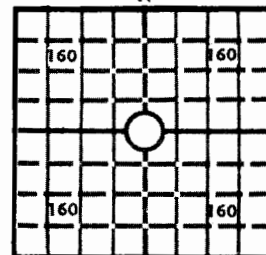
Oil Purchaser

S. 4 T. 4 R. 25 W

Loc. NE NW

County Norton

640 Acres
N



Locate well correctly

Elev.: Gr. 2491' Gr.

DF KB 2496' Gr.

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	12 3/4	8 5/8"	24#	290'	com	250	2%gel. 3% cc.
Production		4 1/2"		3710		100	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2		3574-3577
			2		3606-3612
			2		3591-3594

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
500 gal m.a.	3606-3612
500 gal m.a.	3574-3577

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)
RATE OF PRODUCTION PER 24 HOURS	Oil 65 bbls. Gas - 0 - MCF Water 5 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 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 Brooks	Oil
S <u>4</u> T <u>4SR 25</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 (misrun)	3451,	3500	LOG TOPS:	
			Anhydrite	2094 +402
			B/Anhydrite	2124 +372
DST #2 /45-45-45-45, rec. 570' mw, w/few spks oil, FP 44-273#, BHP 1157-1147#	3425	3500	Heebner	3496-1000
			Toronto	3524-1028
			Lansing	3538-1042
			BKC	3734-1238
DST #3 /30-30-30-30, rec. 250' mw w/vsso, FP 72-169#, BHP 1169-940#	3502	3550	Arbuckle	3885-1389
			GW	4063-1567
			RTD	4070-1574
			LTD	4074-1578
DST #4 /45-45-45-45, rec. 300' go, 80' mw, FP 60-190#, BHP 1237-1176#	3578	3630		

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

Date Received	Signature
	Title
	Date

4-4-25W

DRILLERS LOGCompany Thunderbird Drilling, Inc.Contractor Thunderbird Drilling, Inc.Elevation 2496' K.B.Farm BrooksWell No. 1Casing 8 5/8" @ 290' w/250 sxLocation NE NW, Sec. 4-4S-25WProduction 4 1/2" @ 3710' w/100 sxCounty Norton

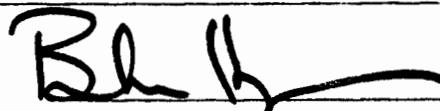
<u>From</u>	<u>To</u>	<u>Description</u>
0	332	Surface hole
332	1603	Shale
1603	2092	Shale & Sand
2092	2123	Anhydrite
2123	2275	Shale & Shells
2275	2460	Shale
2460	2639	Shale & Shells
2639	2910	Shale & Lime
2910	3120	Shale
3120	3215	Lime
3215	3311	Shale
3311	3448	Shale & Lime
3448	3602	Lime & Shale
3602	4070	Lime
4070	R.T.D.	

RECEIVED
TAX & REVENUE DEPARTMENT

MAY 11 1980

OIL & GAS DIVISION
Topeka, KansasSTATE 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 Brooks #1.


Subscribed and sworn to before me this 22 day of May, 1980
