

Released 9-26-74

KANSAS DRILLERS LOG

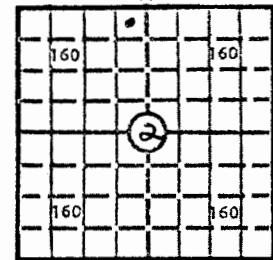
State Geological Survey
WICHITA, BRANCH

S. 2 T. 21S R. 17 E

API No. 15 — 103 — 20221
County Number

Loc. NE NE NW

County Anderson

640 Acres
N

Locate well correctly

Elev.: Gr. 1065

DF KB

Operator

Brunson - Spines

CONFIDENTIAL

Address

KSB&T Building, Wichita, Kansas 67202

Well No.

1

Lease Name

O. Hirt

Footage Location

330 feet from (N) line

2310

feet from (E) (W) line

Principal Contractor

B & N Drilling

Geologist

J. B. Wright

Spud Date

4/23/73

Total Depth

1748

P.B.T.D.

Date Completed

4/27/73

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	9"	7"		135'			

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	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.

erator

DESIGNATE TYPE OF COMP.: OIL, GAS,
DRY HOLE, SWDW, ETC.:

Brunson - Spines

Well No.

Lease Name

1

O. Hirt

Dry Hole

S 2 T 21 R 17 E
XXX

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
soil	0	18		
sand	18	31		
shale	31	202		
lime	202	228		
shale	228	231		
lime	231	245		
shale	245	257		
lime	257	272		
sandy lime	272	298		
lime	298	335		
shale	335	363		
lime	363	371		
shale	371	394		
lime	394	437		
shale	437	454		
sandy shale	454	459		
shale	459	479		
sand and shale	479	497		
lime	497	506		
sand	506	508		
lime	508	513		
shale	513	516		
lime	516	528		
sand	428	537		
lime	537	554		
sand	554	556		
shale & sand	556	560		
sand	560	562		
shale & sand	562	564		
sand	564	567		
lime	567	585		
shale & sand	585	589		
lime	589	602		
sand & shale	602	654		
lime	654	663		
shale	663	771		
lime	771	776		
shale	776	791		
lime	791	810		
shale	810	878		

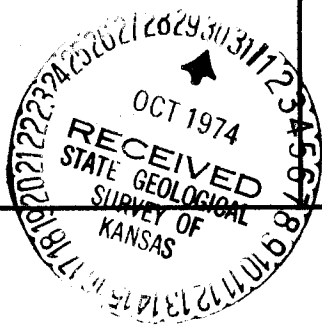
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received

Signature

Title

Date



2-21-17E
 DESIGNATE TYPE OF COMP. OIL, GAS,
 DRY HOLE, SWDW, ETC.:

erator

Brunson - Spines

Well No.

Lease Name

Dry Hole

S T R 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.

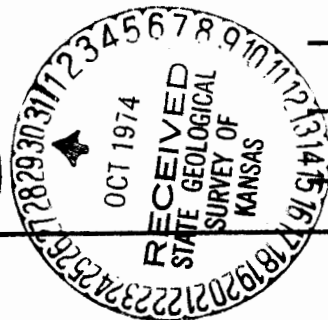
SHOW GEOLOGICAL MARKERS, LOGS RUN,
 OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
sandy lime	878	928		
lime	928	931		
shale	931	939		
lime	939	943		
shale	943	946		
lime	946	949		
shale/lime/sandy	949	1197		
sand	1197	1273		
lime	1273	1284		
sandy shale	1284	1341		
lime Miss	1341	1644		
shale	1644	1704		
Arbuckle	1704	1748		

Plugged: 4/27/73
 drilling mud to
 160', 15 sacks cement @ 160'
 mud to 30 feet, 5 sacks ceme
 at 30'.

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

Date Received



W. S. Brunson
 Signature

Partner

Title

Sept. 6, 1973

Date