

*State Geological Survey*  
WICHITA BRANCH

**KANSAS DRILLERS LOG**

S. 28 T. 10S R. 17 <sup>W</sup>

API No. 15 — 163 — 20668  
County Number

Loc. SE SW NE

County Rooks

Operator  
Rains & Williamson Oil Co., Inc.

Address  
435 Page Court, 220 W. Douglas, Wichita, Kansas 67202

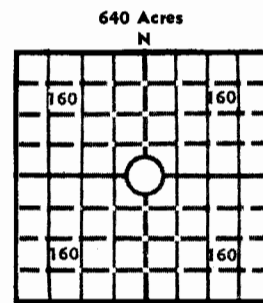
Well No. #1 Lease Name Hageman

Footage Location  
feet from (N) (S) line feet from (E) (W) line

Principal Contractor Rains & Williamson Oil Co., Inc. Geologist Don D. Strong

Spud Date 3-21-77 Total Depth 3600' P.B.T.D.

Date Completed 3-28-77 Oil Purchaser



Elev.: Gr. 1989

DF KB 1994

**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
	12 1/4"	8 5/8"	20#	246'	Common	160 sx.	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	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 Rains & Williamson Oil Co., Inc. DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Dry Hole

Well No. #1 Lease Name Hageman

S 28 T 10S R 17 W

**WELL LOG**

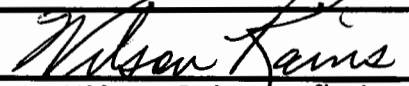
Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

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

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
DST #1 - 3380-3430, 30 (30) 30 (30). Rec. 30' SLOCM. FP's 42-53, 53-53. IBHP 717. FBHP 169.			Sample Tops	
			Anhydrite	1247 (+747)
			B/Anhydrite	1284 (+710)
			Topeka	2964 (-970)
			Heebner	3189 (-1195)
			Toronto	3212 (-1218)
			Lansing	3231 (-1237)
			BKC	3467 (-1473)
			Cherty Cgl.	3536 (-1542)
			Simpson Dolo.	3586 (-1592)
			RTD	3600 (-1606)

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

Date Received \_\_\_\_\_

  
 Wilson Rains Signature  
 President Title  
 12-14-78 Date

7213L