

KANSAS DRILLERS LOG

API No. 15

County

Number

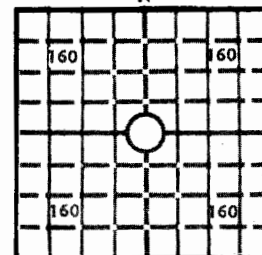
S. 7 T. 9S R. 26 ^{XX}W

Loc. NE NW NW

County Sheridan

640 Acres

N



Locate well correctly

Elev.: Gr. 2615

DF KB 2620

Operator

Rains & Williamson Oil Co., Inc.

Address

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

Well No.

#1

Lease Name

Haffner

Footage Location

feet from (N) (S) line

feet from (E) (W) line

Principal Contractor

Rains & Williamson Oil Co., Inc.

Geologist

Jay Dirks

Spud Date

4-1-77

Total Depth

4020'

P.B.T.D.

Date Completed

4-10-77

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
	12 1/4"	8 5/8"	20#	333'	50/50 poz.	225 sx.	2% gel, 3% cc.
		4 1/2"	10 1/2#	4019'	60/40 poz.	125 sx.	2% gel, 10% salt, 3/4 of 1% CFR2.

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			

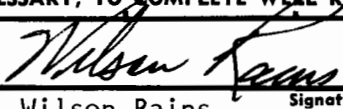
ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

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.: Oil	
Well No. #1	Lease Name Haffner		
S 7 T 9S R 26 ^R 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
			E. Log Tops
DST #1 - 3719-3820, 30 (30) 60 (30). Good blow. Rec. 270' muddy water. FP's 61-112, 112-173. IBHP 1222, FBHP 1192. Temp. 109°.			Anhydrite 2222 (+398) Heebner 3724 (-1104) Toronto 3744 (-1124) Lansing 3765 (-1145) BKC 3986 (-1366) LTD 4024 (-1404)
DST #2 - 3866-3905, 30 (30) 60 (30). Weak blow. Rec. 30' muddy water. FP's 30-40. IBHP 1161, FBHP 1010. Temp. 110°.			
DST #3 - 3914-3940, 30 (30) 30 (30). Weak blow - 10 min. Rec. 10' mud w/ spots oil. FP's 20-20. IBHP 82, FBHP 30.			
DST #4 - 3937-3960, 30 (30) 60 (30). Strong blow. Rec. 1700' GIP, 1320' free oil, 120' SMC0. FP's 61-224, 265-510. IBHP 1232, FBHP 1192.			
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received	 Wilson Rains Signature President 11-14-78 Date		

99889