

IMPORTANT
Kans. Geo. Survey request
samples on this well.

15-163-20807

KANSAS DRILLERS LOG

S. 17 T. 10 R. 16 ^W

API No. 15 — 163 — 20,807
County Number

Loc. SE SE SW

County Rooks

Operator
Rains & Williamson Oil Co., Inc.

Address
435 Page Court Wichita, Kansas 67202

Well No. #1 Lease Name Dougherty

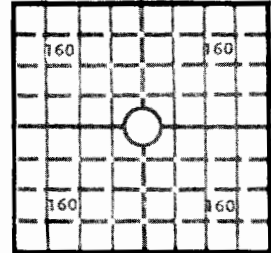
Footage Location
feet from (N) (S) line feet from (E) (W) line

Principal Contractor Rains & Williamson Oil Co., Inc. Geologist Calvin Noah

Spud Date 5-23-78 Total Depth 3706' P.B.T.D.

Date Completed 5-30-78 Oil Purchaser

640 Acres
N



Locate well correctly

Elev.: Gr. 2051

DF _____ KB 2056

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#	205'	60/40 poz.	150 sx.	3% cc., 2% gel.

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.

71400

Operator Rains & Williamson Oil Co., Inc. DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Dry Hole

Well No. #1 Lease Name Dougherty

S 17 T 10SR 16 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 - 3028-3037, 30 (30) 30 (30). Weak blow. Rec. 30' mud, 60' thin mud, 60' saltwater. FP's 74-74, 74-99. IBHP 879, FBHP 847.			E. Log Tops	
			Anhydrite	1286 (+770)
			Topeka	2996 (-9')
			Heebner	3228 (-11, 2)
			Toronto	3246 (-1190)
			Lansing	3268 (-1210)
			Stark Shale	3466 (-14)
			BKC	3512 (-14')
			Conglomerate	
			Shale	3576 (-1520)
			LTD	3705 (-161')
DST #2 - 3288-3340, 30 (60) 60 (60). Fair blow. Rec. 75' muddy water. FP's 21-31, 42-63. IBHP 1175, FBHP 1165.				

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

Date Received

Wilson Rains
Wilson Rains Signature
President
Title
11-9-78
Date