

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

15-167-21128

KANSAS DRILLERS LOG

S. 6 T. 13 R. 13 ^R/_W
Loc. SW NW SE
County Russell

API No. 15 — 167 — 21,128
County Number

Operator
Rains & Williamson Oil C.

Address
435 Page Court Wichita, Kansas 67202

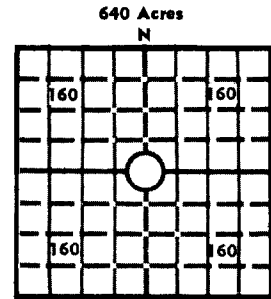
Well No. #1 Lease Name Holland

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

Principal Contractor Rains & Williamson Oil Co., Inc. Geologist Charles Slagle

Spud Date 1-24-78 Total Depth 3170' P.B.T.D.

Date Completed 2-2-78 Oil Purchaser



Locate well correctly
Elev.: Gr. 1692

DF _____ KB 1697

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 1/4"	8 5/8"	20#	247'	common	165 sx.	3% cc., 2% gel.
Production		4 1/2"	10 1/2#	3169'	common	200 sx.	10% salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval

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 Holland

S 6 T 13S R 13 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 - 2846-2906, 30 (60) 30 (60). Rec. 70' SOCM. FP's 62-50, 62-87. IBHP 473, FBHP 736.			E. Log Tops	
			Anhydrite	706 (+991)
			Heebner	2414 (-1117)
			Lansing	2871 (-1174)
			B Zone	2896 (-1199)
			C Zone	2912 (-1215)
			BKC	3157 (-1460)
			LTD	3170 (-1473)
DST #2 - 2908-2930, 30 (60) 30 (60). Rec. 120' HO&GCM, no water. FP's 25-25, 50-60. IBHP 760, FBHP 737.				
DST #3 - 3030-3084, 30 (60) 60 (90). Rec. 20' mud. FP's 50-50, 50-50. IBHP 1045, FBHP 1045.				

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

Date Received _____

Wilson Rains
 Wilson Rains Signature
 President Title
 February 24, 1978 Date

15-167-21128

State Geological Survey
DRILLER'S LOG
 WICHITA BRANCH

COMPANY: Rains & Williamson Oil Co., Inc.

SEC. 6 T. 13S R. 13W

LOC. SW NW SE

WELL NAME: Holland #1

COUNTY: Russell

RIG NO. #4

TOTAL DEPTH 3170'

ELEVATION 1692 GL 1697 KB

COMMENCED: 1-24-78

COMPLETED: 2-2-78

CONTRACTOR: Rains & Williamson Oil Co., Inc.

CASING RECORD:

SURFACE: 8 5/8" @ 247' w/165 sx. common, 3% cc., 2% gel.

PRODUCTION: 4 1/2" @ 3169' w/200 sx. common, 10% salt.

LOG

(Figures Indicate Bottom of Formations)

Sand & Shale	71
Shale & Sand	247
Shale	267
Sand & Shale	662
Redbed & Shale	706
Shale	1340
Shale & Lime	2010
Lime & Shale	2150
Shale	2315
Shale & Sand	2455
Shale & Lime	2560
Shale	2737
Shale & Lime	2906
Lime	2930
Shale & Lime	2965
Lime	3170
<u>ROTARY TOTAL DEPTH</u>	<u>3170</u>

RECEIVED
 STATE GEOLOGICAL SURVEY
 FEB 17 1978

STATE OF Kansas)
 COUNTY OF Sedawick) SS: