

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

15-167-21127

KANSAS DRILLERS LOG

API No. 15 — 167 — 21,127
County Number

Operator

Rains & Williamson Oil Co., Inc.

Address

435 Page Court, Wichita, Kansas 67202

Well No.

#2

Lease Name

Bachman

Footage Location

feet from (N) (S) line

feet from (E) (W) line

Principal Contractor

Rains & Williamson Oil Co., Inc.

Geologist

Frank Hamlin

Spud Date

2-3-78

Total Depth

3240'

P.B.T.D.

Date Completed

2-11-78

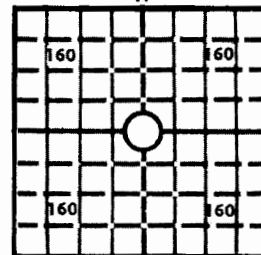
Oil Purchaser

S. 6 T. 13 R. 13 E W

Loc. NW SE SW

County Russell

640 Acres
N



Locate well correctly

Elev.: Gr. 1771

DF KB 1776

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#	243'	common	175 sx.	2% gel, 3% cc.
Production		4 1/2"	9 1/2#	3238'	common	200 sx.	10% salt, 5 bbl. salt flush

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			

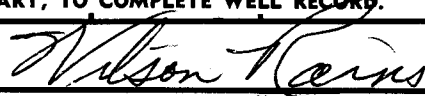
ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

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. #2	Lease Name Bachman		
S <u>6</u> T <u>13</u> R <u>13</u> ^{XX} _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 - 2950-2987 - Pack failure. DST #2 - 2925-2987, 30 (30) 60 (60). Rec. 164' HOCM, 82' OCM, 30' O&GCM. FP's 53-60, 86-118. IBHP 836, FBHP 942. Temp. 92°. DST #3 - 2987-3010, 30 (60) 60 (60). Rec. 1250' GIP, 70' M&GCO, 95' clean oil. FP's 43-43, 64-75. IBHP 900, FBHP 889. Temp. 93°. DST #4 - 3122-3160, 30 (60) 60 (60). Rec. 5' gassy oil, 15' muddy oil, 25' oil cut mud. FP's 45-45, 52-52. IBHP 1103, FBHP 1041. Temp. 96°.			<u>E. LOG TOPS</u> Howard Lime 2608 (-832) Severy Shale 2655 (-879) Topeka 2670 (-894) Heebner 2900 (-1124) Toronto 2918 (-1142) Lansing 2948 (-1175) BKC 3224 (-1448) LTD 3243 (-1467)
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received	 Wilson Rains Signature President Title 3-30-78 Date		

DRILLER'S LOG

15-167-21127

COMPANY: Rains & Williamson Oil Co., Inc.

SEC. 6 T. 13S R. 13W

LOC. NW SE SW

WELL NAME: Bachman #2

COUNTY: Russell

RIG NO. #4

TOTAL DEPTH 3240'

ELEVATION 1771 GL 1776 KB

COMMENCED: 2-3-78

COMPLETED: 2-11-78

CONTRACTOR: Rains & Williamson Oil Co., Inc.

CASING RECORD:

SURFACE: 8 5/8" @ 243' w/175 sx. common, 2% gel, 3% cc.

PRODUCTION: 4 1/2" @ 3238' w/200 sx. common, 10% salt, 5 bbl. salt flush.

LOG

(Figures Indicate Bottom of Formations)

Sand, Rock & Shale	239
Shale	313
Sand	353
Shale	792
Shale & Redbed	830
Shale & Lime	1552
Shale	2185
Shale, Sand & Redbed	2495
Shale	2660
Lime & Shale	2800
Shale & Lime	2948
Shale	2987
Lime	3240
<u>ROTARY TOTAL DEPTH</u>	<u>3240</u>

RECEIVED
STATE CORPORATION COMMISSION

FEB 21 1978

CONSERVATION DIVISION
Wichita, Kansas

STATE OF Kansas)

COUNTY OF Sedawick)

SS: