

KANSAS DRILLERS LOG

State Geological Survey
WICHITA, BRANCH

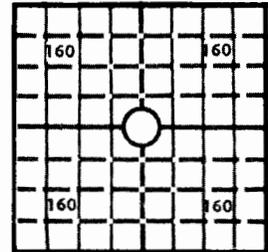
S. 18 T. 33S R. 3 ^{XX}W

API No. 15 _____
County _____ Number _____

Loc. W/2 NW SE

County Summer

640 Acres
N



Locate well correctly

Elev.: Gr. 1254

DF _____ KB 1263

Operator
Rains & Williamson Oil Co., Inc.

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

Well No. #1 Lease Name Frazier

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

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

Spud Date 9-2-80 Total Depth 4550' P.B.T.D. _____

Date Completed 9-17-80 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#	511'	Common	300 sx.	2% gel, 3% cc.
		4 1/2"	10#	4545'	60/40 poz.	275 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 _____ bbls.	Gas _____ MCF	Water _____ bbls.	Gas-oil ratio _____ 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 Frazier

S 18 T 33S R 3 ^{XE} 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 - 3646-3660, 30 (45) 45 (60). Rec. 740' GIP, 40' OCGM. FP's 9-16, 16-17. IBHP 687, FBHP 944. Temp. 116°.			E. LOG TOPS	
DST #2 - 4096-4105, 45 (60) 45 (60). Rec. 45' clean gassy oil, 135' VHO&GCM, 120' SOCSW, 180' SW. FP's 51-131, 121-182. IBHP 1579, FBHP 1564. Temp. 120°.			Iatan	3078 (-1815)
			Stalnaker	3094 (-1831)
			KC	3409 (-2146)
			Miss.	4096 (-2833)
			Kinderhook	4425 (-3162)
			Simpson	4499 (-3236)
			LTD	4555 (-3292)
DST #3 - 4460-4502, 45 (60) 45 (60). Rec. 3140' GIP, 60' Gsy. mud, 60' Gsy. SOCM, 120' Gsy. OCM. FP's 31-63, 84-105. IBHP 1264, FBHP 1068.				
DST #4 - 4481-4504, 45 (60) 45 (60). Rec. 3440' GIP, 90' OCGM, 60' HO&GCM, 60' V Gsy. MCO. FP's 63-84, 105-105. IBHP 1161, FBHP 1089.				
DST #5 - 4484-4506, 60 (90) 60 (90). Rec. 4100' GIP, 20' SOCM, 60' MGO, 180' SMO. FP's 52-63, 95-105. IBHP 1006, FBHP 1006.				
DST #6 - 4509-4516, 60 (45) 30 (30). Rec. 20' SOCM. FP's 21-21, 31-31. IBHP 116, FBHP 391.				
DST #7 - 4511-4521, 60 (60) 60 (60). Rec. 120' MSW. FP's 10-21, 52-63. IBHP 1650, FBHP 1577. Temp. 138°.				

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

Date Received

Wilson Rains
Wilson Rains Signature
President Title
5-27-81 Date

DRILLER'S LOG

State Geologist
WICHITA, KANSAS

COMPANY: Rains & Williamson Oil Co., Inc.

SEC. 18 T. 33S R. 3W

WELL NAME: Frazier #1

LOC. W/2 NW SE

COUNTY: Sumner

RIG NO. #3

TOTAL DEPTH 4550'

ELEVATION 1254' GL 1263' KB

COMMENCED: 9-2-80

COMPLETED: 9-17-80

CONTRACTOR: Rains & Williamson Oil Co., Inc.

CASING RECORD:

SURFACE: 8 5/8" @ 511' w/300 sx. common, 2% gel, 3% cc.

PRODUCTION: 4 1/2" @ 4545' w/275 sx. 60/40 poz., 10% salt.

LOG

(Figures Indicate Bottom of Formations)

Shale	3285
Lime & Shale	3609
Lime	3905
Lime & Shale	4012
Lime	4275
Lime & Shale	4398
Lime	4550
<u>ROTARY TOTAL DEPTH</u>	<u>4550</u>

RECEIVED
STATE GEOLOGIST

NOV - 7 1980

CONSERVATION DIVISION
Wichita, Kansas

STATE OF Kansas)

COUNTY OF Sedgwick)

SS:

L. Wilson Rains, President of Rains & Williamson Oil Co., Inc.