

State Geological Survey
WICHITA BRANCH
KANSAS DRILLERS LOG

15-179-20414

API No. 15 — 179 — 20,414
 County Number

S. 9 T. 9 R. 27 ^W

Loc. S2 N2 NE

County Sheridan

Operator
Rains & Williamson Oil Company, Inc.

Address
435 Page Court, 220 West Douglas Wichita, Kansas 67202

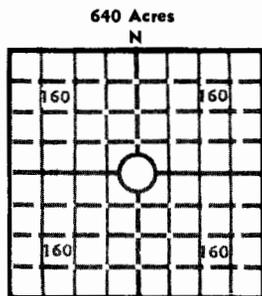
Well No. #2 Lease Name McFadden "A"

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

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

Spud Date 1-27-76 Total Depth 4150' P.B.T.D.

Date Completed 2-11-76 Oil Purchaser



Elev.: Gr. _____

DF _____ KB 2727

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"		327'		200 sx.	
		4 1/2"	10#	4149'	Common	150 sx.	4% gilsonite

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 McFadden "A"

S 9 T 9S R 27 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 - 3884-3925, 30 (30) 30 (30). Rec. 30' mud. FP's 10, 21. IBHP 632, FBHP 632.			E. Log Tops Anhydrite	2314 (+413)
DST #2 - 3922-4010, 30 (30) 60 (30). Rec. 724' GIP, 580' VHOCM, 1312' free oil. FP's 63, 694. IBHP 1202, FBHP 1171.			Heebner Toronto Lansing BKC LTD	3828 (-1101) 3850 (-1123) 3871 (-1144) 4091 (-1364) 4148 (-1421)
DST #3 - 4007-4048, 30 (30) 60 (30). Rec. 2584' GIP, 762' free oil, 305' HOCM. FP's 73, 370. IBHP 508, FBHP 508. Temp. 123°.				
DST #4 - 4046-4100, 45 (30) 60 (30). Rec. 1600' GIP, 60' heavy oil cut mud, 60' oil cut mud, 60' oil cut muddy water. FP's 116, 116. IBHP 1057, FBHP 995.				

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

Date Received _____

 Wilson Rains *Signature*
 President
 Title
 1-16-79
 Date

21069

State Geological Survey
WICHITA, BRANCH

WELL LOG

15-179-20414

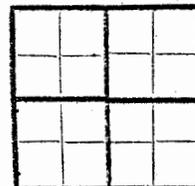
COMPANY Rains & Williamson Oil Co., Inc.

SEC. 9 T. 9S R. 27W
LOC. S/2 N/2 NE4

FARM McFadden "A" NO. #2

RIG. NO. 4
TOTAL DEPTH 4150'
COMM. 1-27-76 COMP. 2-11-76
CONTRACTOR Rains & Williamson Oil Co., Inc.

COUNTY Sheridan
KANSAS



CASING
20 10
15 8 5/8" @ 327' with 200 sacks cement
12 6
13 4 1/2" @ 4149' w/ 150 sacks common-
4% gilsonite

ELEVATION 2727 KB

PRODUCTION Oil

FIGURES INDICATE BOTTOM OF FORMATIONS

Sand & Shale	300
Shale	337
Cement, Shale, Red Bed	416
Shale	580
Shells & Shale	1480
Shale	1750
Shale & Sand	1820
Sand & Shale	1830
Shale	2115
Red Bed & Shale	2316
Anhydrite	2351
Shale	3020
Shale & Lime	3670
Lime	4150
<u>Rotary Total Depth</u>	<u>4150</u>

FEB 27 1976