

KANSAS DRILLERS LOG

API No. 15 — 179 — 20,496
County Number

Operator

Rains & Williamson Oil Co.

Address

435 Page Court Wichita, Kansas 67202

Well No.

#2

Lease Name

Haffner

Footage Location

feet from (N) (S) line

feet from (E) (W) line

Principal Contractor

Rains & Williamson Oil Co., Inc.

Geologist

Neil Sikes

Spud Date

1-30-78

Total Depth

3980'

P.B.T.D.

Date Completed

2-14-78

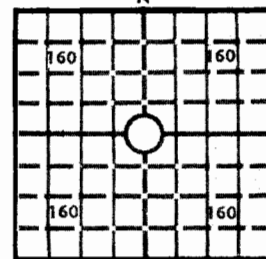
Oil Purchaser

S. 7 T. 9 R. 26 ^N_W

Loc. N2 NE NW

County Sheridan

640 Acres



Locate well correctly

Elev.: Gr. 2588

DF KB 2598

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#	314'	50/50 poz.	250 sx.	3% cc., 2% gel.
Production		4 1/2"	9 1/2#	3979'	common	150 sx.	10% salt, 3/4 of 1% CFR2, 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			

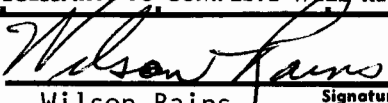
ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

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 Haffner		
S <u>7</u> T <u>9S</u> R <u>26</u> ^W			
WELL LOG		SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.	
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.			
FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME DEPTH
DST #1 - 3698-3754, 30 (30) 60 (Tool would not close). Rec. 2420' GIP, 1130' MSW. FP's 42-222, 538. IBHP 1213. DST #2 - 3755-3820, 30 (30) 60 (60). Rec. 925' muddy saltwater w/few specks oil in top tool. FP's 74-401. IBHP 1203, FBHP 1213. DST #3 - 3842-3876, 30 (30) 60 (60). Rec. 880' GIP, 260' clean oil, 130' HOCGM. FP's 42-169, IBHP 1297, FBHP 1287. DST #4 - 3880-3895, 30 (30) 30 (30). Rec. 1' mud. FP's 11-11, 11-11. IBHP 11, FBHP 11. DST #5 - Miss-run. DST #6 - 3892-3910, 30 (30) 60 (60). Rec. 100' GIP, 40' clean oil, 160' OCM. FP's 42-105. IBHP 1034, FBHP 1297. DST #7 - 3912-3935, 30 (30) 60 (60). GTS in 15 min. Rec. 2430' clean gassy oil, 120' heavy oil cut gassy mud. FP's 148-886. IBHP 1034, FBHP 1034. DST #8 - 3940-3960, 30 (30) 60 (60). Rec. 5' mud. FP's 21-21. IBHP 21, FBHP 21.			<u>E. LOG TOPS</u> Heebner 3698 (-1100) Toronto 3717 (-1119) Lansing 3735 (-1137) BKC 3955 (-1357) LTD 3980 (-1382)
USE ADDITIONAL SHEETS, IF NECESSARY TO COMPLETE WELL RECORD.			
Date Received	 Wilson Rains Signature _____ President _____ Title _____ 3-29-78 _____ Date		

L9889

State Geological Survey
WICHITA BRANCH

DRILLER'S LOG

15-179-20490

COMPANY: Rains & Williamson Oil Co., Inc.

SEC. 7 T. 9S R. 26W

LOC. N/2 NE NW

WELL NAME: Haffner #2

COUNTY: Sheridan

RIG NO. #1

TOTAL DEPTH 3980'

ELEVATION 2588 GL 2598 KB

COMMENCED: 1-30-78

COMPLETED: 2-14-78

CONTRACTOR: Rains & Williamson Oil Co., Inc.

CASING RECORD:

SURFACE: 8 5/8" @ 314' w/250 sx. 50/50 poz., 3% cc., 2% gel.

PRODUCTION: 4 1/2" @ 3979' w/150 sx. common, 10% salt, 3/4 of 1% CFR2
and 5 bbl. salt flush.

LOG

(Figures Indicate Bottom of Formations)

Sand & Shale	234
Shale	314
Shale & Sand	657
Sand & Shale	1606
Shale & Sand	2080
Shale & Lime	2305
Sand & Shale	2480
Shale & Sand	2855
Shale	3230
Shale, Sand & Lime	3420
Shale & Lime	3580
Lime, Shale & Sand	3720
Lime & Shale	3754
Shale & Sand	3800
Lime & Shale	3876
Lime	3895
Lime & Shale	3910
Lime	3980
<u>ROTARY TOTAL DEPTH</u>	<u>3980</u>

RECEIVED
STATE CORPORATION COMMISSION

FEB 23 1978

CONSERVATION DIVISION
Wichita, Kansas