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State Geological Survey
WICHITA BRANCH

KANSAS DRILLERS LOG

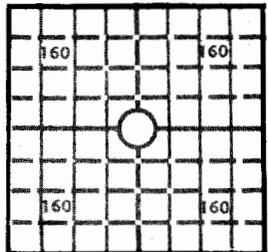
S. 18 T. 12S R. 14 ^{XX}W

API No. 15 — County — Number

Loc. NE NW SW

County Russell

640 Acres
N



Elev.: Gr. 1634

DF KB 1639

Operator
Rains & Williamson Oil Co., Inc.

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

Well No. #1 Lease Name Steckel "C"

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

Principal Contractor Geologist
Rains & Williamson Oil Co., Inc. Mike D. Engelbrecht

Spud Date 2-6-81 Total Depth 3090' P.B.T.D.

Date Completed 2-17-81 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#	890'	Common 60/40 poz.	100 sx. 200 sx.	2% gel, 3% cc. 2% gel, 3% cc.
		4 1/2"		3089'	60/40 poz.	175 sx.	1/10 of 1% GDL
						5 bbl.	saltwater

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.

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Rains & Williamson Oil Co., Inc.

DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

Oil

Well No. #1	Lease Name Steckel "C"
S 18 T12S R 14 ^{XK} 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 - 2799-2839. Rec. 570' GIP. 30' SOCGM, 160' HOGCM, 50' SOCMW. FP's 33-55. IBHP 495, FBHP 473.			E. LOG TOPS	
			Topeka	2484 (-845)
			Heebner	2740 (-1101)
			Lansing	2793 (-1154)
			BKC	3050 (-1411)
			Arbuckle	3082 (-1443)
DST #2 - 2887-2900, 30 (30) 60 (30). Rec. 140' muddy water w/sso. FP's 33-44, 66-77. IBHP 18, FBHP 352.				
DST #3 - 2945-2966, 30 (30) 60 (30). Rec. 210' GIP, 30' SLOGCM, 60' SLOGWM, 120' MW. FP's 33-66, 77-121. IBHP 198, FBHP 176.				
DST #4 - 2978-2995, 30 (30) 60 (30). Rec. 90' GIP, 30' HO&GCM. FP's 33-33, 33-33. IBHP 110, FBHP 99.				

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

Date Received	 Wilson Rains Signature President Title 4-29-81 Date
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