

The Geological Survey

WICHITA, BRANCH

KANSAS DRILLERS LOG

API No. 15 — 167 — 21410
County NumberS. 21 T. 14S R. 12 ^{EX}
W

Loc. NW SW SW

County Russell

Operator Rains & Williamson Oil Co., Inc.		640 Acres N	
Address 435 Page Court, 220 W. Douglas, Wichita, Kansas 67202			
Well No. #1	Lease Name Heim		
Footage Location			
feet from (N) (S) line		feet from (E) (W) line	
Principal Contractor Buffalo Drilling Company, Inc.		Geologist Mike Engelbrecht Craig Caulk	
Spud Date 3-17-80		Total Depth 3213'	P.B.T.D.
Date Completed 3-26-80		Oil Purchaser	
Locate well correctly Elev.: Gr. 1703			
DF _____ KB 1713			

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#	618'	common 60/40 poz.	150 sx. 200 sx.	2% gel, 3% cc. 2% gel, 3% cc.

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 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.:

Dry Hole

Well No.

#1

Lease Name

Heim

S 21 T 14S R 12 ~~XE~~
W

WELL LOG

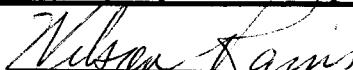
Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
DST #1 - 2215-2227, Miss-run.			Sample Tops	
DST #2 - 2188-2227, Miss-run.			Anhydrite	616 (+1097)
DST #3 - 2867-2878, 30 (30) 30 (30). Rec. 10' water cut mud. FP's 54-54, 54-163. IBHP 576, FBHP 651.			B/Anhydrite	653 (+1060)
DST #4 - 3178-3188, Miss-run.			Grand Haven	2185 (-472)
DST #5 - 3139-3188, 30 (30) 60 (30). Rec. 30' mud. FP's 65-76, 76-76. IBHP 682, FBHP 414. Temp. 102°.			Tarkio Lime	2258 (-545)
			Topeka	2461 (-748)
			Lansing	2854 (-1141)
			Cong. Shale	3142 (-1429)
			Cong. Chert	3165 (-1452)
			RTD	3213 (-1500)

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

Date Received



Wilson Rains

Signature

President

Title

4-18-80

Date