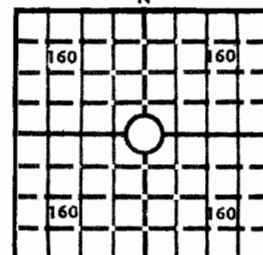


Confidential

KANSAS DRILLERS LOG

State Geological Survey
WICHITA BRANCHAPI No. 15 — D05 — 21323
County NumberS. 13 T. 7S R. 23 ^{XX}WLoc. SE NE NWCounty Graham640 Acres
NElev.: Gr. 2339DF KB 2344

Operator

Rains & Williamson Oil Co., Inc.

Address

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

Well No.

#1

Lease Name

Robinson

Footage Location

feet from (N) (S) line

feet from (E) (W) line

Principal Contractor

Rains & Williamson Oil Co., Inc. Kenneth Hamlin

Geologist

Spud Date

11-7-80

Total Depth

3840'

P.B.T.D.

Date Completed

11-16-80

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 1/2"	8 5/8"	20#	273'	60/40 poz.	85 sx.	3% cc., 2% gel.
		4 1/2"	10 1/2#	3839'	60/40 poz.	150 sx.	2% gel, 10 bbl. saltflush

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. #1	Lease Name Robinson		
S <u>13</u> T <u>7S</u> R <u>23</u> ^{EX} 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	
DST #1 - 3620-3660, 30 (30) 60 (30). Rec. 187' oil, 854' VHOCM, 488' OCWM. FP's 275-508, 570-852. IBHP 1187. FBHP 1059. DST #2 - 3637-3660, Miss-run. DST #3 - 3649-3660, 30 (30) 60 (60). Rec. 564' oil, 61' HOCM, 183' OCWM. FP's 264-391, 581-664. IBHP 1143. FBHP 1102. DST #4 - 3664-3680, 30 (30) 30 (30). Rec. 3' mud. FP's 31-21, 21-21. IBHP 31, FBHP 21. DST #5 - 3744-3790, 30 (30) 30 (30). Rec. 30' mud. FP's 42-42, 42-42. IBHP 51, FBHP 42. DST #6 - 3790-3820, 30 (30). Rec. 120' mud. FP's 31-21, 31-31. IBHP 1352.			<u>SAMPLE TOPS</u> Anhydrite 1997 (+347) B/Anhydrite 2027 (+317) Heebner 3572 (-1228) Toronto 3600 (-1256) Lansing 3614 (-1270)
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received	 Wilson Rains Signature President Title 4-29-81 Date		

DRILLER'S LOG

State Geological Survey

WICHITA, BRANCH

COMPANY: Rains & Williamson Oil Co., Inc.

SEC. 13 T. 7S R. 23W

WELL NAME: Robinson #1

LOC. SE NE NW

COUNTY: Graham

RIG NO. #4

TOTAL DEPTH 3840'

ELEVATION 2339 GL 2344 KB

COMMENCED: 11-7-80

COMPLETED: 11-16-80

CONTRACTOR: Rains & Williamson Oil Co., Inc.

CASING RECORD:

SURFACE: 8 5/8" @ 273' w/85 sx. 60/40 poz., 3% cc., 2% gel.

PRODUCTION: 4 1/2" @ 3839' w/150 sx. 60/40 poz., 2% gel, 10 bbl. saltflush.

LOG

(Figures Indicate Bottom of Formations)

Clay, Sand & Shale	282
Shale & Sand	1997
Shale	3135
Shale & Lime	3455
Lime & Shale	3605
Lime	3680
Shale & Lime	3820
Lime & Shale	3840
<u>ROTARY TOTAL DEPTH</u>	<u>3840</u>

JAN 13 1981

CONSERVATION DIVISION
WICHITA, KANSAS

STATE OF Kansas)

COUNTY OF

SS: