15-047-20310

State Geological Survey
WICHITA BRANCH

KANSAS DRILLERS LOG

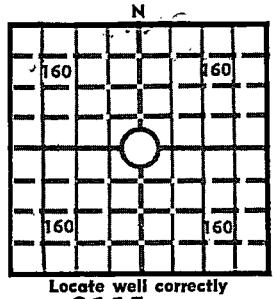
S. 27 T. 26 R. 17 E/W

API No. 15 — 047 (County) — 20,310 (Number)

Loc. C NE NE

County Edwards

640 Acres



Locate well correctly

Operator: Imperial Oil Company

Address: 720 Fourth Financial Center, Wichita, Ks., 67202

Well No.	Lease Name
#2-27	Roenbaugh

Footage Location: 660 feet from (N) (S) line — 660 feet from (E) (W) line

Principal Contractor	Geologist
Red Tiger Drilling Co.	Ken LeBlanc

Spud Date	Total Depth	P.B.T.D.
12-19-77	4552	

Date Completed	Oil Purchaser
2-26-78	The Permian Corp.

Elev.: Gr. 2115

DF 2118 KB 2120

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	12¼"	8 5/8"		402'	Lite wt.	175	3% cc
Production		5½"		4548'	Lite wt.	75	
					Common	150	

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

TUBING RECORD

Size	Setting depth	Packer set at
2 1/16	4397	4397
2 1/16	4500	

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
4	Jumbo Jets	4355-4358

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1 drum 15% MCA	open hole
2750 15% MCA 500 7½% MCA	4355-4358
30,650 gals. Versa Frac., 14,500#, 20-40 sand	4355-4358

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)
March 1978	pump

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	85/Lans bbls.	2,950/Knhk MCF	bbls.	CFPB

Disposition of gas (vented, used on lease or sold):

Producing interval(s): Kinderhook, Lansing

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.

C-10-1972

Operator	DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Imperial Oil Company	Oil

Well No.	Lease Name
2-27	Roenbaugh

S 27 T 26 R 17 E/W C NE NE

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: 4134-4170' 60-120-180-120 Good blo imm., GTS: 15 min. 2nd open wk blo., Rec. 1270' Cln oil, 180' oil and GCM IFP: 71-222 FFP: 263-505 ICIP: 1447# FCIP: 1387# DST #2 & #3: Missrun DST #4: 4515-4529' 30-30-30-30 No blow, Rec. 15' mud IFP: 20-20 ICIP: 41 FFP: 20-20 FCIP: 41 DST #5: 4546-4556' 60-120-180-120 Fair blow (4" bct. off bottom 24") Str. blo 41" GTS: 75 min. Rec. 35' GCM IFP: 20-20 FFP: 20-30 ICIP: 1521 FCIP: 1487			E-Log Tops Heebner Brn. Lime Lansing Base/KC Cherokee Mississippi KinderhookSh. KinderhookSd. RTD: LTD:	3884 (-1764) 4020 (-1900) 4040 (-1820) 4387 (-2367) 4513 (-2393) 4516 (-2396) 4524 (-2404) 4543 (-2423) 4556 (-2436) 4550 (-2430)

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

Date Received

Donald M. Brown
Signature

Chief Exploration Geologist
Title

April 17, 1978
Date