

**KANSAS DRILLERS LOG**

State Geological Survey  
WICHITA, BRANCH

API No. 15 — 075 — 20,086 HCU 3631  
County Number

S. 36 T. 23 R. 41 <sup>N</sup><sub>W</sub>  
Loc. 660' FNL & 660' FWL  
County Hamilton

Operator  
Rhodes & Duke

Address  
1400 Wilco Building Midland, Texas 79701

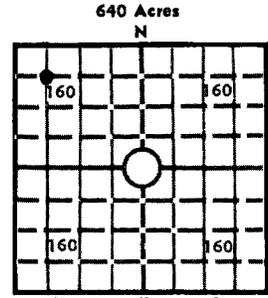
Well No. #1 Lease Name Pat

Footage Location  
660 feet from (N) XX line 660 feet from (E) (W) line

Principal Contractor Sterling Drilling Company Geologist R. L. Higginbottom-Petr. Eng.

Spud Date 1/11/75 Total Depth 2500 P.B.T.D. 2495

Date Completed February 24, 1975 Oil Purchaser None



Locate well correctly  
Elev.: Gr. 3370  
DF - KB 3380

**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"	28#	348'	Class "H"	250	3% CaCl
Production	7-7/8	4-1/2"	10.50#	2497'	Class "H" Pozmix	385 100	4.5% Gel 6# salt/sk

**LINER RECORD**

**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
None			8 total	jet	2448-2462
<b>TUBING RECORD</b>					
Size	Setting depth	Packer set at			
2-3/8"		None			

**ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD**

Amount and kind of material used	Depth interval treated
1500 gal. - 15% by Western Company	2448 - 2462

**INITIAL PRODUCTION**

Date of first production February 24, 1975 Producing method (flowing, pumping, gas lift, etc.) Flow

RATE OF PRODUCTION PER 24 HOURS  
Oil None bbls. Gas 121 MCF Water None bbls. Gas-oil ratio - CFPB

Disposition of gas (vented, used on lease or sold) Shut in - wait on connection Producing interval (s) 2448 - 2462

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

Rhodes & Duke

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

Well No.

1

Lease Name

Pat

S 36 T 23 R 41 <sup>EC</sup>  
W

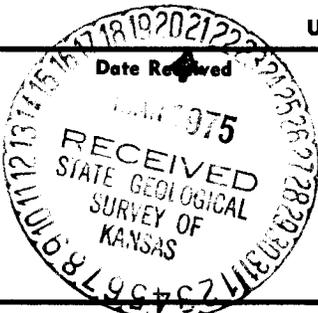
**WELL LOG**

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
No DST			GRN	2495

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



*R. W. [Signature]*

Signature

Petroleum Engineer

Title

Date