

KANSAS

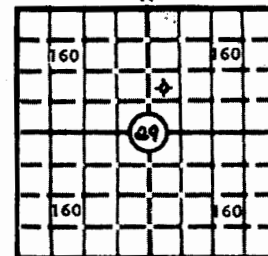
WELL COMPLETION REPORT AND
DRILLER'S LOG

State Geological Survey

API No. 15 — 163 — 21,364 WICHITA BRANCH
County Number

S. 29 T. 7S R. 17 XE W

Loc. NW SW NE

County Rocks
640 Acres
N

Locate well correctly

Elev.: Gr. 1799

DF 1802 KB 1804

Operator

Liberty Enterprises, Inc.

Address

308 West Mill Plainville, KS 67663

Well No.

#1

Lease Name

Schruben

Footage Location

330

1650 feet from (N) line

2310

feet from (E) line

Principal Contractor

Pioneer Drilling Company, Inc.

Geologist

Greg Issinghoff

Spud Date

7/28/81

Date Completed

8/6/81

Total Depth

3410'

P.B.T.D.

Directional Deviation

Oil and/or Gas 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
surface	12 1/4"	8 5/8"	24#	1213'	60/40 poz	450	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

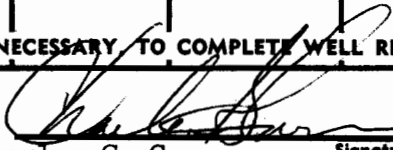
ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

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	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, 245 No. Water, Wichita, Kansas 67202. 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 <div style="text-align: center;">Liberty Enterprises, Inc.</div>		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:	
Well No. <div style="text-align: center;">#1</div>	Lease Name <div style="text-align: center;">Schruben</div>	DRY HOLE	
S <u>29</u> T <u>7</u> R <u>17</u> ^N _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	NAME
<div style="text-align: center; font-size: 1.2em; margin-bottom: 20px;">Geological Report Enclosed</div>			
USE ADDITIONAL SHEETS, IF NECESSARY TO COMPLETE WELL RECORD.			
Date Received	<div style="text-align: center;">  Charles G. Comeau _____ Signature _____ Petroleum Geologist _____ Title _____ September 8, 1981 _____ Date </div>		