

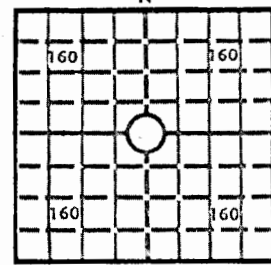
WICHITA BRANCH  
KANSAS DRILLERS LOG

S. 35 T. 11S R. 7E <sup>E</sup>/<sub>W</sub>

Loc. SE SE SW

County Geary

640 Acres  
N



Locate well correctly

Elev.: Gr. 1143

DF 1145 KB 1147

API No. 15 \_\_\_\_\_  
County \_\_\_\_\_ Number \_\_\_\_\_

Operator  
Energy Reserves Group, Inc.

Address  
217 N. Water Wichita, Kansas 67202

Well No. 1 Lease Name Lichtenhan

Footage Location  
330 feet from (N) (S) line 2310 feet from (E) (W) line

Principal Contractor Brandt Drilling Co., Inc. Geologist Bill Clark

Spud Date 5-2-77 Total Depth 2600 P.B.T.D.

Date Completed 5-12-77 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
Surface	12 1/4"	8 5/8"		103'	50-50 poz common	50 50	2% gel 2% CaCl 2% gel 2% CaCl

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.

35 11S 7E

Energy Reserves Group, Inc.

Well No. 1	Lease Name Lichtenhan	Dryhole
S35 T11S R7E E W Geary County, Kansas		

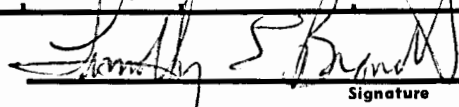
**WELL LOG**

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
Lime & Chert, hard with chert modules	0	300		
Shale	300	350		
Lime	350	400		
Lime & Shale	400	661		
Shales, sandy	661	793		
Lime, sandy	793	832		
Shales	832	882		
Lime with shale stks.	882	922		
Shales	922	982		
Lime & Shale	982	1012		
Shale, dark	1012	1020		
Lime, dense	1020	1036		
Shale, sandy	1036	1190	Lansing	
Lime, chalky & xln	1190	1532		
Lime, hard & dense	1532	1664		
Conclomerate	1664	1678	Miss. Lime	
Chert	1678	1698	Miss. Lime	
Lime	1698	1712	Kinderhook	
Shale	1712	1902	Hunton	
Dolomite, sandy	1902	2328	Viola	
Dolomite, brown	2328	2454	Simpson	
Sand, dolomite sand	2454	2538	Arbuckle	
Dolomite, grey & porous	2538	2585	Granite	
RTD	2585			

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

Date Received	 Signature
	Gen. Mgr.
	Title May 18, 1977 Date