

State Geological Survey

WICHITA BRANCH
KANSAS DRILLERS LOG

API No. 15 — County — Number —

Operator

Charles Waugh

Address

Eskridge, Kansas

Well No.

7

Lease Name

Waugh

Footage Location

feet from (N) (S) line

feet from (E) (W) line

Principal Contractor

Brandt Drilling Co., Inc.

Geologist

Earl O. Brandt

Spud Date

12-13-77

Total Depth

3096

P.B.T.D.

Date Completed

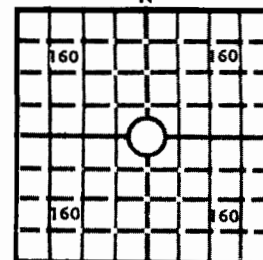
12-24-77

Oil Purchaser

S. 7 T. 15S. R. 12E W

Loc. 150' N 01 NE NE SW

County Wabaunsee

640 Acres
N

Locate well correctly

Elev.: Gr. 1352

DF 1354 KB 1356

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	11"	8 5/8"		193'	common	100	3% CaCl
Production	7 7/8"	5 1/2"		3096	common	175	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval

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 bbls.	Gas MCF	Water bbls.	Gas-oil ratio	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.

7-15-12E

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

Operator

Charles Waugh

Well No.

7

Lease Name

Waugh

Oil

S 7 T 15 S R 12 E W

Wabaunsee 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
Shale	0	50		
Lime	50	108		
Shale	108	112		
Sand	112	140		
Lime & shale	140	652		
Shale, sandy	652	872		
Lime & shale	872	1082		
Shale, black	1082	1098		
Lime	1098	1310	Lansing	
Shale	1310	1679		
Lime	1679	1784	BKC	
Sandy shale	1784	1883		
Lime, with shale stks.	1883	2000		
Shale, gray & blk.	2000	2021		
Sandy shale	2021	2256		
Lime	2256	2350	Mississippi	
Shale, green	2350	2694	Kinderhook	
Dolomite	2694	2831	Hunton	
Shale	2831	2869	Mq.	
Lime	2869	2935	Viola	
Shale, green	2935	3035	Sp. Shale	
Sandy dolomite	3035	3042	Sp. Dolo.	
Sand	3042	3056	Sp. Sand	
RTS	3096			

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

Date Received

Signature

Vice President

Title

1-20-78

Date