

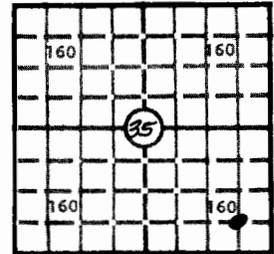
State Geological Survey
WICHITA, BRANCH
KANSAS DRILLERS LOG

S. 35 T. 13S R. 33W E
W

Loc. C SE SE

County Logan

640 Acres
N



Elev.: Gr. 2875

DF _____ KB 2880

API No. 15 — 109 — 20118
County Number

Operator
Beren Corporation

Address
970 Fourth Financial Center, Wichita, Kansas 67202

Well No. 1 Lease Name HILDEBRAND

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

Principal Contractor Abercrombie Geologist

Spud Date October 15, 1978 Total Depth 4610 P.B.T.D.

Date Completed October 29, 1978 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		264	60-40 pozmix	200	2% gel, 3% CC
Production		4 1/2	10.5#	4150	60-40 pozmix	250	10% salt, 3/4 of 1% CFR-2

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.

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

Well No. 1 Lease Name HILDEBRAND Oil

S 35 T 13S R 33W E 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
Clay and sand	0	226		
Shale	226	510		
Sand and shale	510	1440		
Shale	1440	2066		
Shale and sand	2066	2328		
Anhydrite	2328	2351		
Shale with sand	2351	2670		
Shale	2670	2980		
Shale and lime	2980	3720		
Lime	3720	4610		
Rotary Total Depth	4610			

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

Date Received	<div style="margin-bottom: 5px;"></div> <div style="margin-bottom: 5px;">Signature</div> <div style="margin-bottom: 5px;">Don Beauchamp - Geologist</div> <div style="margin-bottom: 5px;">Title</div> <div style="margin-bottom: 5px;">February 1, 1979</div> <div>Date</div>
---------------	--

