

KANSAS DRILLERS LOG

Well No. 15 — County — Number

Operator

Brandt Oil Company

Address

1103 Douglas Building Wichita, Kansas 67202

Well No.

1

Lease Name

Wessel

Footage Location

feet from (N) (S) line

feet from (E) (W) line

Principal Contractor

Brandt Drilling Co., Inc.

Geologist

Earl O. Brandt

Spud Date

12/12/79

Total Depth

2369

P.B.T.D.

Date Completed

12/17/79

Oil Purchaser

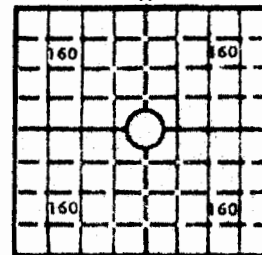
S. 5 T. 4S R. 13E E W

Loc. NE SW SW

County Nemaha

640 Acres

N



Locate well correctly

Elev.: Gr. 1274

DF. KS 1279

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	239'	Common	150	2% gel 3% CaCl

LINER RECORD

PERFORATION RECORD

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

TUBING RECORD

Setting depth	Packer set at

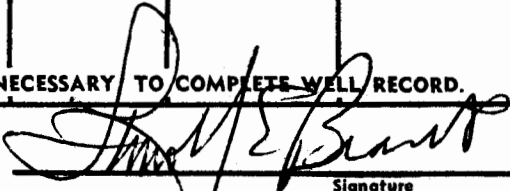
ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

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
Position 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 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.

Operator Brandt Oil Company		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Dry Hole	
Well No. 1	Lease Name Wessel		
S 5 T 4S R 13EE W NE SW SW Nemaha County, Kansas			
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
Soil	0	3	
Clay	3	160	
Sand fine	160	190	
Sand coarse	190	230	
Clay blue	230	231	
Limestone	231	246	
Shale - lime streaked	246	415	
Lime	415	425	
Shale	425	459	
Lime	459	521	
Shale	521	570	
Lime	570	605	
Shale	605	631	
Lime xln	631	668	
Shale Black Carbonaceous	668	672	
Shale and sandy shale	672	810	
Lime xln granular	810	1065	
Shale & sand	1065	1283	
Sand white & sharp	1283	1292	
Shale	1292	1333	
Conglomerate churt	1333	1340	
Shale	1340	1361	
Dolomite gray xln porous	1361	2016	
Shale gray	2016	2074	
Dolomite tan porous	2074	2140	
Lime	2140	2255	
Shale green and brown	2255	2287	
Lime dolomite	2287	2321	
Sand fine coarse & rounded uncon.	2321	2352	
Shale rotten	2352	2364	
Granite	2364	2369	
RTD	2369		
USE ADDITIONAL SHEETS, IF NECESSARY TO COMPLETE WELL RECORD.			
Date Received	 Signature		
	General Manager Title		
	December 19, 1979 Date		