

**KANSAS DRILLERS LOG**

S. 20 T. 2S R. 28 <sup>28</sup>W

API No. 15 — 039 — 20.357  
County Number

Loc. SE NE SW  
County Decatur County, Ks.

Operator  
A. L. Abercrombie, Inc.

Address  
801 Union Center, Wichita, Kansas 67202

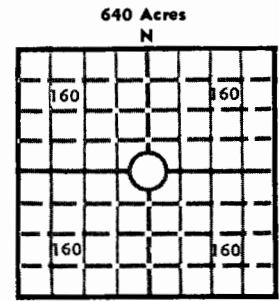
Well No. 1 Lease Name BROWN

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

Principal Contractor Abercrombie Drilling, Inc. Geologist K. Greg Cheney

Spud Date September 9, 1976 Total Depth 3875' P.B.T.D.

Date Completed September 17, 1976 Oil Purchaser



Elev.: Gr. 2555'  
DF 2558' KB 2560'

**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"		210'	K.B. Quick-set	180	

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

Well No. 1 Lease Name BROWN Dry Hole

S 20 T 2S R 28 EX W

**WELL LOG**

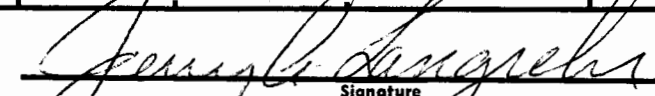
Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Surface Clay & Sand	0	166		
Shale	166	2343		
Anhydrite	2343	2376		
Shale	2376	3270		
Shale & Lime	3270	3646		
Lime	3646	3875		
Rotary Total Depth		3875		
<p>DST #1(3608-3646') 15", 45", 60", 45". Good blow. IFP 18-34#, ISIP 1251#, FFP 52-119#, FSIP 1241#. Rec. 60' of heavily water cut mud, 140' muddy water.</p> <p>DST #2 (3659-3680') 15", 45", 45", 45". Weak blow - died in 25 min. Rec. 20' ocm. 6" free oil. IFP 13-21#, ISIP 1097#, FFP 21-26#, FSIP 899#.</p> <p>DST #3 (3659-3691') Straddle Packers - Top packer failed.</p> <p>DST #4 (3675-3691') Straddle Packers - Top packer failed.</p> <p>DST #5 (3657-3695') Straddle Packers - 30", 60", 60", 60". Weak blow - died in 45 min. Rec. 33' oil specked mud. IFP 26-26#, IBHP 1044#, FFP 39-39# FBHP 859#.</p>				

USE ADDITIONAL SHEETS, IF NECESSARY TO COMPLETE WELL RECORD.

Date Received \_\_\_\_\_

  
 Signature  
 Jerry A. Langrehr, Exec. V.P.  
 Title  
 September 21, 1976  
 Date