

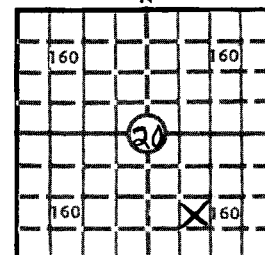
KANSAS DRILLERS LOG

S. 20 T. 14 R. 11 W

Loc. NE SW SE

County Russell

640 Acres
N



Locate well correctly

Elev.: Gr. 1663

DF 1665 KB 1668

API No. 15 — 167 — 20,637
County Number

Operator

Abercrombie Drilling, Inc.

Address

801 Union Center
Wichita, Kansas 67202

Well No.

#1

Lease Name

Hirt

Footage Location

990

feet from XX (S) line

1650

feet from (E) XX line

Principal Contractor

Shields Drilling Co., Inc.

Geologist

Jack K. Wharton

Spud Date

December 5, 1973

Total Depth

2995'

P.B.T.D.

Date Completed

December 12, 1973

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 Casing	12½"	8-5/8"		224'	Sunset	160	

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.

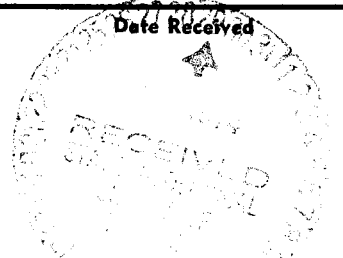
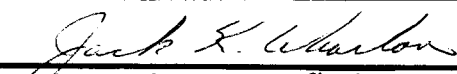
Operator Abercrombie Drilling, Inc.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 1	Lease Name Hirt	Dry Hole
S <u>20</u> T <u>14</u> S <u>R 11</u> ^E _W		

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
Sand	0	25	Anhydrite	541
Shale & Clay	25	230	B/Anhydrite	575
Sand	230	325	Topeka	2434
Redbed	325	541	Heebner	2715
Anhydrite	541	573	Lansing	2818
Redbed, Shale & Shells	573	1220		
Shale & Lime	1220	2415		
Lime	2415	2698		
Lime & Shale	2698	2810		
Lime	2810	2995		
Rotary Total Depth		2995		
No Drill Stem Tests were taken.				
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.				

	 Jack K. Wharton Geologist
	Signature
	Title
	Date

December 31, 1973