

**IMPORTANT**  
Kans. Geo. Survey request samples on this well.

15-051-21480

WICHITA BRANCH  
KANSAS DRILLERS LOG

S. 22 T. 13 R. 19 E. W

Loc. NE SW SE

County Ellis

API No. 15 — 051 — 21,480  
County Number

Operator  
Abercrombie Drilling, Inc.

Address  
801 Union Center Wichita, Kansas 67202

Well No. #1 Lease Name Rupp

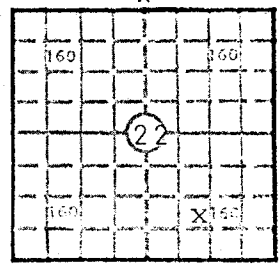
Footage Location  
990 feet from (X) (S) line 1650 feet from (E) (W) line

Principal Contractor Abercrombie Drilling, Inc. Geologist Greg Cheney

Spud Date May 12, 1978 Total Depth 3780 P.B.T.D. 3717

Date Completed June 17, 1978 Oil Purchaser Clear Creek

640 Acres  
N



Elev.: Gr. 2089

DF 2092 KB 2094

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"	28#	232.88'	Common	140	2% gel 3% CaCl
Production	7-7/8"	4 1/2"	10 1/2#	3773	Common	50	
					50/50 posmix	200	2% gel Salt saturated

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4		3581' - 3586'
TUBING RECORD			4		3497' - 3500'
Size	Setting depth	Packer set at			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1500 gallons, 15% Non-E.	3581' - 3586'
500 gallons, 15% Non-E.	3497' - 3500'

INITIAL PRODUCTION

Date of first production State test 10-11-78	Producing method (flowing, pumping, gas lift, etc.) Pumping
RATE OF PRODUCTION PER 24 HOURS	Oil 30 bbls. Gas MCF 37 bbls. Water Gas-oil ratio CFPB
Disposition of gas (vented, used on lease or sold)	Producing interval (s) 3581-3586' & 3497-3500'

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 an open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

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

Operator  
 Abercrombie Drilling, Inc.

Well No.

1

Lease Name

RUDD

518282

S 22 T 13S R 19 <sup>K</sup>/<sub>W</sub>

**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 & shale	0	1402	SAMPLE TOPS:	
Anhydrite	1402	1442		
Shale & lime	1442	2725	Anhydrite	1402 (+ 692)
Shale & sand	2725	2882	B/Anhydrite	1442 (+ 652)
Shale & lime	2882	3029	Topeka	3117 (-1023)
Lime & shale	3029	3410	Heebner	3360 (-1266)
Lime	3410	3445	Toronto	3380 (-1286)
Shale & lime	3445	3465	Lansing	3405 (-1311)
Lime	3465	3484	B/KC	3658 (-1564)
Lime & shale	3484	3529	Arbuckle	3746 (-1652)
Lime	3529	3780		
Rotary Total Depth		3780	ELECTRIC LOG TOPS:	
DST#1 (3312-3335) 15", 45", 45", 45". Rec. 20' sw, 10' mud.			Anhydrite	1400 (+ 694)
IFP 43-64, IBHP 1172, FFP 53-53, FBHP 538			B/Anhydrite	1440 (+ 654)
DST#2 (3365-3388) 30", 30", 30", 30". Rec. 5' water. IFP			Topeka	3114 (-1020)
21-21, IBHP 21, FFP 21-21, FBHP 21.			Heebner	3357 (-1263)
DST#3 (3415-3445) 30", 45", 60", 45". Rec. 30' ocm (15% oil)			Toronto	3378 (-1284)
IFP 43-43, IBHP 129, FFP 53-53, FBHP 107.			Lansing	3403 (-1309)
DST#4 (3444-3465) 30", 45", 60", 45". Rec. 15' osm. IFP			B/Kc	3652 (-1558)
23-23, IBHP 750, FFP 23-23, FBHP 53.			Cherty Cong.	3698 (-1604)
DST#5 (3463-3484) 30", 45", 60", 45". Rec. 10' co, 930'			Weathered	
water. IFP 53-237, IBHP 1088, FFP 280-407, FBHP 1057.			Arbuckle	3746 (-1652)
DST#6 (3487-3503) 30", 45", 60", 45". Rec. 2216' gip,				
770' cl. gassy oil, 55' froggy oil, 155' smco. IFP 53-161,				
IBHP 908, FFP 215-301, FBHP 739.				
DST#7 (3547-3592) 30", 45", 60", 45". Rec. 660' gip, 60'				
cl. gassy oil, 160' vh frothy oil. IFP 43-43, IBHP 718,				
FFP 64-64, FBHP 697.				

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

Date Received

*Jack L. Partridge*  
 Signature

Jack L. Partridge, Assistant Secretary-Treasurer

Title

November 13, 1978

Date