

KANSAS DRILLERS LOG WICHITA BRANCH

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

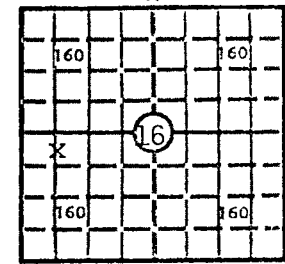
15-191-20916

S. 16 T. 34 R. 1 E X

Loc. N2 NW SW

County Sumner

640 Acres
N



Locate well correctly

Elev.: Gr. 1186'

DF KB 1191'

API No. 15 — 191 — 20,916
County Number

Operator
A. L. Abercrombie, Inc.

Address
801 Union Center Wichita, Kansas 67202

Well No. #1 Lease Name Russell

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

Principal Contractor Abercrombie Drilling Inc. Geologist Dean Jirrels

Spud Date June 15, 1979 Total Depth 4010' P.B.T.D. 4010'

ate Completed July 13, 1979 Oil Purchaser Apco

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"		252'	common cement	70	2% Ca.Cl.
Production	7-7/8"	5 1/2"	14#	4006'	common	200	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
					O.H. 4006' - 40

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 <u>07-12-79</u>	Producing method (flowing, pumping, gas lift, etc.) <u>Pumping</u>
RATE OF PRODUCTION PER 24 HOURS <u>20</u> bbls.	Gas <u>--</u> MCF
Oil	Water <u>93%</u> bbls.
Gas-oil ratio <u>--</u> CFPB	Producing interval(s) <u>4006' - 4010'</u>
Disposition of gas (vented, used on lease or sold) <u>--</u>	

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 A. L. Abercrombie, Inc.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Oil	
Well No. 1	Lease Name Russell		
S <u>16</u> T <u>34</u> S <u>R</u> 1 <u>E</u> <u>W</u>			
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
Cellar	0	7	SAMPLE TOPS:
Lime, Shale	7	1835	
Shale	1835	1865	Iatan 2579' (-1388
Lime, Shale	1865	2280	Stanlaker 2634' (-1443
Shale	2280	2340	Lignite 3018' (-1827
Lime, Shale	2340	2421	U. Layton 3037' (-1846
Shale	2421	2579	L. Layton 3129' (-1938
Lime	2579	2585	Kansas City 3204' (-2013
Shale, Sand	2585	2695	Miss. 3659' (-2468
Shale, Sand, Lime	2695	2855	Simpson 4002' (-2811
Shale	2855	3037	RTD 4008'
Sand	3037	3112	
Sand, Shale	3112	3205	
Lime	3205	3306	
Shale	3306	3315	
Shale, Lime	3315	3485	
Lime	3485	3511	
Shale	3511	3659	
Lime	3659	3935	
Shale	3935	4002	
Sand	4002	4008	
Rotary Total Depth		4008	
DST #1 (3259-3275') 30", 30", 30", 30" Weak blow. Rec. 60' mdy wtr, no show. IFP 0-11, IBHP 1198, FFP 35-35, FBHP 1175 Temp. 110° DST #2 (3660-3670') 30", 30", 30", 30" Weak blow increasing to strong. Rec. 620' gas in pipe plus 30' hocm. IFP 0-11, IBHP 641, FFP 23-23, FBHP 502 Temp. 118° DST #3 (3682-3697') 30", 30", 30", 30" Weak blow increasing to strong. Rec. 360' gas, 15' gas cut mud, 90' oil and gas cut mud, 90' mdy wtr with scum of oil. (con't)			
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received	 Signature Jack L. Partridge, Asst. Sec.-Treas. Title September 14, 1979 Date		

955h64

Drill Stem Tests con't

16-34-1E

DST #3 (3682-3697')

IFP 23 increasing to 59, IBHP 1302, FFP 83 beginning and end, FBHP 1291.

Temp. 120°

DST #4 (3994-4004')

Rec. 5' mud.

IBHP 40, FBHP 40.

Temp. 112°

DST #5 (3996-4006')

Rec. 10' of mud.

IBHP 69, FBHP 69.

Temp. 112°

DST #6 (3998-4008')

Rec. 1721' of gas, 15' ho & gcm, 90' of mud with oil emulsion, 30' of smo.

IFP 20-40, IBHP 1443, FFP 30-69, FBHP 1512.

Temp. 118°

OPERATOR: A.L. Abercrombie, Inc.; 801 Union Ctr.; Wichita, Ks. 67202

CONTRACTOR: White & Ellis Drilling, Inc., Box 448, El Dorado, Kansas 67042

Lease Name Russell Well No. 1

Sec. 16 T. 34 R. 1E Spot N/2 NW SW

County Sumner State Kansas Elevation

Casing Record:

Surface: 252' @ 8 5/8" with 70 Sxs.

Production: @ with Sxs.

Type Well: oil Total Depth 4008' KB

Drilling Commenced: 6/20/79 Drilling Completed 7/2/79

Formation	From	To	Tops
Cellar	0	7	Layton - 3037
Lime, Shale	7	1835	Kansas City - 3205
Shale	1835	1865	Mississippi - 3659
Lime, Shale	1865	2280	
Shale	2280	2340	
Lime, Shale	2340	2421	
Shale	2421	2579	
Lime	2579	2585	
Shale, Sand	2585	2695	
Shale, Sand, Lime	2695	2855	
Shale	2855	3037	
Sand	3037	3112	
Sand, Shale	3112	3205	
Lime	3205	3306	
Shale	3306	3315	
Shale, Lime	3315	3485	
Lime	3485	3511	
Shale	3511	3659	
Lime	3659	3935	
Shale	3935	4002	
Sand	4002	4008	