

259-195

DRILLER'S LOG: CANEY VALLEY

Brunk #2

cNW, SW, NW, Sec. 25, T9S, R19E

API # 15-087-20,123 Surface Elevation: 1129.31 ASL GL

February 21, 1985 - February 1985

<u>Depth</u>	<u>Thickness</u>	<u>Lithology</u>	<u>Depth</u>	<u>Thickness</u>	<u>Lithology</u>
0-13	13	Clay	840-844	4	Shale
13-49	36	Sandy clay	844-863	19	Limestone
49-93	44	Shale	863-961	48	Shale
93-114	21	Sand	961-1001	40	Sandy shale
114-143	29	Limestone	1001-1016	15	Lenapah Lmstone
143-180	37	Shale	1016-1022	8	Shale
180-276	196	Limestone	1022-1032	10	Altamont Lmston
276-280	14	Shale	1032-1055	23	Shale
280-285	5	Limestone	1055-1063	8	Pawnee limesto
285-403	118	Shale	1063-1082	19	shale
403-533	130	Sandy shale	1082-1085	3	Ft. Scott lmsto
533-563	30	Limestone	1085-1091	6	shale
563-584	21	Shale	1091-1093	2	limestone
584-602	18	Limestone	1093-1098	5	shale
602-628	26	Shale	1098-1108	10	limestone
628-644	16	Limestone	1108-1200	92	shale
644-673	29	Shale	1200-1418	218	sandy shale
673-691	18	Limestone	1418-1432	14	limestone
691-702	11	Shale	1432-1480	48	shale
702-730	28	Limestone	1480-1489	9	limestone
730-746	16	Shale	1489-1521	32	shale
746-754	8	Limestone	1521-1534	13	limestone
754-768	14	Shale	1534-1562	18	shale
768-814	46	Limestone	1562-1576	14	sand & shale
814-820	6	Shale	1576-1623	47	sand, McLouth
820-840	20	Limestone	1623-1800 T.D.	178	Miss. Limesto

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Summary  
BRUNK #2

Lutz Oil & Gas

NW, SW, NW Sec.25, T9S, R19E, Jefferson County, Kansas  
Surface elevation: 1130' ASL, Topo. ± 2  
All depths from ground level

Electric Log Picks

<u>Geologic Section</u>	<u>Depth</u> (feet)	<u>Datum</u> (ft. ASL)	<u>Remarks</u>
T. Oread limestone			
T. Douglas Group (T. Lawrence Fm.)			
T. Stranger Formation			
T. Lansing Group (T. Stanton lm.)	532	+597	
T. Vilas shale	564	+565	
T. Plattsburg limestone	584	+515	
T. Kansas City (T. Bonner Springs)	602	+527	
T. Wyandotte limestone	628	+501	
T. Lane shale	702	+427	
T. Iola limestone	719	+410	
T. Chanute shale	752	+377	
T. Drum limestone	768	+361	
T. Cherryvale shale	768	+356	
T. Dennis limestone	790	+339	
T. Galesburg shale	813	+316	
T. Swope limestone	820	+309	
T. Ladore shale	846	+283	
T. Hertha limestone	849	+280	
B. Kansas City (B. Hertha/ T. Pleasanton Group)	875	+254	
T. Marmaton Gp. (T. Lenapah lm.)	1001	+128	
T. Nowata shale	1015	+114	
T. Altamont limestone	1020	+109	
T. Bandera shale	1047	+82	
T. Pawnee limestone	1053	+76	
T. Labette shale	1074	+55	
T. Fort Scott limestone	1081	+48	
T. Cherokee Group	1093	+36	
T. Squirrel sandstone			Not present
T. Bevier coal bed	1180	-51	
T. Ardmore limestone			
T. Croweburg coal bed	1214	-85	
T. Upper Cattleman sandstone	1220	-91	19' shaly water ss. 6-7 ohmm
T. Fleming coal bed	1260	-131	
T. Mineral coal bed	1282	-153	
T. Scammon coal bed	1332	-203	
T. Middle Cattleman ss.	1336	-207	14' shaly water ss. 7-8ohmm
T. Lower Cattleman ss.	1370	-241	20' water ss., 5-6 ohmm
T. Tebo coal bed	1402	-273	
T. Weir-Pittsburg coal bed	1416	-287	

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Summary Continued BRUNK #2

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<u>Geologic Section</u>	<u>Depth</u>	<u>Datum</u>	<u>Remarks</u>
T. Dry Wood coal bed	1478	-349	
T. Rowe coal bed	1490	-361	
T. Neutral coal bed	1498	-369	
T. Upper McLouth sandstone			Not Present
T. Middle McLouth sandstone	1555	-426	12' shaly water ss, 7-6 ohmm
T. Lower McLouth sandstone	1582	-453	32' clean oil/gas ss.
T. Burgess sandstone			Not Present
T. Mississippian limestone	1614	-485	40-20 ohmm, fair gas cross over, good show oil/gas in samples
T. 40 foot dolomite zone	1652	-523	8' dolomite, good show oil in samples, log only 7-8 ohmm
T. Osage (Burlington/Keokuk)	1750	-621	45' cherty limestone, no shows, 4-10 ohmm
T.D.			

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