

25-9-198

Brunk #1  
Jefferson County, Kansas

API# 15-087-20,114

Drillers' Lithology

<u>Depth</u>	<u>Thickness</u>	<u>Lithology</u>	<u>Depth</u>	<u>Thickness</u>	<u>Lithology</u>
0-18	18	Clay	847-853	6	Shale
18-22	4	Sand	853-864	11	Limestone
22-41	19	Clay	864-982	118	Shale
41-56	15	Sand	982-984	2	Limestone
56-78	22	Shale	984-1003	19	Shale
78-89	11	Limestone	1003-1008	5	Limestone
89-122	33	Shale	1008-1046	38	Shale
122-124	2	Limestone	1046-1049	3	Limestone
125-215	91	Shale	1049-1070	21	Shale
215-272	57	Limestone	1070-1073	3	Limestone
272-531	259	Shale	1073-1186	13	Shale
531-565	34	Limestone	1186-1189	3	Limestone
565-585	20	Shale	1189-1193	4	Shale
585-603	18	Limestone	1193-1200	7	Limestone
603-627	24	Shale	1200-1433	233	Shale, sandy
627-644	17	Limestone	1433-1440	7	Sand
644-673	29	Shale	1440-1493	50	Shale, sandy
673-692	19	Limestone	1493-1504	11	Sand
692-702	10	Shale	1504-1507	3	Limestone
702-728	26	Limestone	1507-1530	23	Shale, sandy
728-746	18	Shale	1530-1540	10	Sand
746-815	69	Limestone	1540-1547	7	Limestone
815-821	6	Shale	1547-1561	14	Sand, odor
821-842	21	Limestone	1561-1573	12	Shale, sandy
842-845	1	Shale	1573-1624	54	Sand, odor
845-847	3	Limestone	1624-1791	167	Limestone, Mississippian T.D.
			1791		October 30, 1984 2:00 AM

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Lith Oil Gas

Summary



25-9-196

BRUNK #1 X

c SE, SW, NW Sec. 25 T9S, R19E, Jefferson County, Kansas  
Surface elevation: 1137' ASL, Kelly bushing 1142' ASL  
All depths from surface elevation



Electric Log Picks

<u>Geologic Section</u>	<u>Depth</u> (feet)	<u>Datum</u> (ft. ASL)	<u>Remarks</u>
T. Oread limestone	213	+924	
T. Douglas Group (T. Lawrence Fm.)	271	+866	
T. Stranger Formation	405	+732	
T. Lansing Group (T. Stanton lm.)	527	+610	
T. Vilas shale	560	+577	
T. Plattsburg limestone	580	+557	
T. Kansas City (T. Bonner Springs)	600	+537	
T. Wyandotte limestone	624	+513	
T. Lane shale	704	+433	
T. Iola limestone	716	+421	
T. Chanute shale	750	+387	
T. Drum limestone	766	+371	
T. Cherryvale shale	770	+367	
T. Dennis limestone	791	+346	
T. Galesburg shale	816	+321	
T. Swope limestone	820	+317	
T. Ladore shale	846	+291	
T. Hertha limestone	851	+286	
B. Kansas City (B. Hertha/ T. Pleasanton Group)	874	+263	
T. Marmaton Gp. (T. Lenapah lm.)	998	+139	
T. Nowata shale	1013	+124	
T. Altamont limestone	1021	+116	
T. Bandera shale	1046	+91	
T. Pawnee limestone	1051	+86	
T. Labette shale	1074	+63	
T. Fort Scott limestone	1082	+55	
T. Cherokee Group	1095	+42	
T. Squirrel sandstone			not present
T. Bevier coal bed	1179	-42	
T. Ardmore limestone			not present
T. Croweburg coal bed	1210	-73	
T. Upper Cattleman sandstone	1219	-82	16' water sand, slight gas show,
T. Fleming coal bed	1257	-120	R <sub>t</sub> =10 ohms
T. Middle Cattleman ss.			not present
T. Mineral coal bed	1281	-144	
T. Sammon coal bed	1329	-129	
T. Lower Cattleman sandstone	1335	-198	15' water sand, R=8 ohms
T. Upper Bartlesville sandstone	1365	-225	11', slight gas show, R=8 ohms
T. Tebo coal bed	1400	-269	
T. Weir-Pittsburg coal bed	1408	-271	
Middle Bartlesville ss.	1428	-285	3' water sand, R=6 ohms

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Bunk #1

25-9-19E

25-9-19E

## Summary Continued

<u>Geologic Section</u>	<u>Depth</u>	<u>Datum</u>	<u>Remarks</u>
T. Dry Wood coal bed	1473	-336	
T. Rowe coal bed	1486	-349	
T. Neutral coal bed	1494	-357	
T. Upper McLouth sandstone			not present
T. Middle McLouth sandstone	1550	-413	17' shaly ss, tar and gilsonite, R=10-12 ohms
T. Lower McLouth sandstone	1574	-437	31' clean oil and gas ss, good show, odor, cut, live oil, R=40-60
T. Burgess sandstone	1605	-468	16' clean oil and gas ss, good show, odor, cut, live oil and gas, fluorescence, but water saturated, R=5-12 ohms
T. Mississippian limestone	1621	-484	
T. 40 foot dolomite zone	1648	-511	No show or hydrocarbons, R=5ohms
B. Warsaw (T. Keokuk)	1683	-546	
T. Osage (Burlington/Keokuk)	1742	-605	No show of hydrocarbons, water zone, R=5-14 ohms
T.D.	1792		

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