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1656 NORTH CLARENCE
WICHITA, KANSAS

A. D. ALLISON & CO., INC.

#6 TURNER

NE SW NW, SECTION 15-26S-4E

BUTLER COUNTY, KANSAS

By

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December 23, 1958

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NE SW NW, SECTION 15-26S-4E
BUTLER COUNTY, KANSAS

Est. Elevation: 1308 R.B.

<u>DEPTH</u>	<u>DESCRIPTION</u>
	<u>Top KANSAS CITY 2020 -712</u>
	<u>Base KANSAS CITY 2185 -877</u>
	<u>Top SOLID MARMATON 2325 -1017</u>
	<u>Base MARMATON 2386 -1078</u>
	<u>Top UNCONFORMITY 2420 -1112</u>
2420-2451	Gray green and green and red shale, traces of pyrite, increasing amount of free rounded sand toward bottom, traces of orange and red chert.
	<u>Top VIOLA CHERT ZONE 2451 -1143</u>
2451-2454	Fresh white finely granular to mottled and rich tan stained chert.
	<u>Top SIMPSON 2454 -1146</u>
2454-2456	Few white quartzitic sand clusters, much free rounded sand, some finely cemented to friable, trace free oil light tan stain.
<u>CORE #1, 2456-87. Full Recovery. 6-1/8" Head.</u>	

<u>Depth</u>	<u>Drlg Time Minutes</u>	<u>Description</u>
2456-57	21	2456-57 Grayish light tan hard cemented sandstone, 2" white very hard cemented sandstone in middle.

Core #1 (Cont.)

2457-58	11	2457-57.8	Mottled grayish tan and light tan tightly cemented sandstone.
		2457.8-58	White hard tightly cemented sandstone.
2458-59	18	2458-59.2	Mottled lateral tan stained and white cemented sandstone.
2459-60	19	2459.2-59.8	White hard cemented sandstone, pitted and filled fractures.
2460-61	10)	2460-62	Grayish fairly clean firm cemented sandstone, more tightly cemented in lower portion, sharp odor.
2461-62	12)		
2462-63	15	2462-63	Much harder cemented laminated staining, odor.
2463-64	19)	2463-67.6	Grayish tan firm cemented sand, occasional slight mottling, good odor.
2464-65	16)		
2465-66	14)		
2466-67	17)		
2467-68	17	2467.6-67.8	White hard cemented sand.
2468-69	14	2467.8-69.4	Fairly clean slightly mottled firmly cemented sandstone, odor.
2469-70	14	2469.4-69.8	White tightly cemented sandstone.
		2469.8-70.2	Tan even stain, odor.
2470-71	13	2470.2-70.6	White hard slightly mottled sand.
2471-72	11	2470.6-72	Wavy small leaf-like tightly cemented and tan stained sandstone, slight sulphur odor at 2472.
2472-73	7	2472-73	Tan stained sand with angular contact, darker stain in lower portion.
2473-74	9)	2473-76	Gray slightly pyritic firm to soft sand, sulphur odor.
2474-75	6)		
2475-76	4)		
2476-77	5	2476-76.5	Lighter gray sand.
2477-78	21	2476.5-78	Mottled gray soft sand.
2478-79	21	2478-79	Dark gray silty sand.
2479-80	7	2479-79.8	Very dark sand.
2480-81	8	2479.8-81.6	White and green silty sandstone.
2481-82	8)	2481.6-83	Mottled shaly spotted, dark stain.
2482-83	7)		

2483-84	13)	2483-85.8	Green hard silty shaly sandstone.
2484-85	9)		
2485-86	12)		

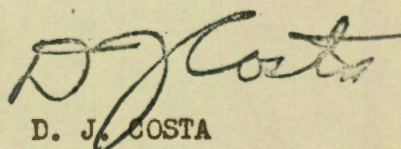
2486-87	9	2485.8-87	Dark green sandy shale.
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Reamed hole and drilled with rotary.

<u>Depth</u>	<u>Description</u>
2487-2500	Much shale, some white hard very fine cemented sandstone and sand in shale.
2500-2514	Mostly gray-green and green shale, some white very fine slightly pyritic sandstone.
2514-2525	Much gray-green shale, few green waxy shale, some white clean tightly cemented glauconitic and phosphatic sandstone.
2525-2531	Mostly gray-green increase in bright green shale.
2531-2536	White and clear coarse friable sandstone.

Top ARBUCKLE 2536 -1228

2536-2541	Mostly grayish and buff fine crystalline dolomite, trace porosity and stain, no odor.
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