

FORMATION LOG

Okmar and Bedell-Catt
 #1 Stranelberg
 NW NW SE, 28-26S-2E,
 Sedgwick County, Kansas.
 Elevation: 1391 Kelly Bushing
 1389 Derrick Floor
 1387 Ground

8 5/8" Surface Casing 98'
 Comm: 9-8-56
 Comp: 9-18-56

Note: All measurements are from the top of the kelly bushing.

<u>Depth</u>	<u>Formation Description</u>	<u>Remarks</u>
0 - 98	Surface hole - no log	Drillers log 0-2400
98 - 100	Limestone	
100 - 510	Limestone and shale	
510 - 75	Limestone with shale streaks	
575 - 710	Shale and limestone	
710 - 1020	Shale and shells	
1020 - 2235	Limestone and shale	
2235 - 2370	Limestone	
2370 - 2400	Limestone and shale	
2400 - 51	Shale dark gray to gray-green, pyritic. Some thin limestone streaks.	Sample log 2400 - T.D.
2451 - 53	Limestone tan to brown shaly some fossils.	
2453 - 67	Shale as above	
2467 - 73	Limestone, light tan to brown, subcrystalline, fossiliferous	Top Kansas City
2473 - 80	Shale as above	
2480 - 90	Limestone, tan to brown, finely crystalline to crystalline, crinoidal	
2490 - 97	Shale, as above	
2497 - 2525	Limestone, tan to gray, dense to finely crystalline. Trace vugular porosity. Some fossils and chert in bottom part	No show
2525 - 30	Shale, gray	
2530 - 34	Limestone, gray to tan, subcrystalline to dense, much chert gray opaque, nonvitreous	

-2- Formation Log: Okmar and Bedell-Catt #1 Stranelberg.

<u>Depth</u>	<u>Formation Description</u>	<u>Remarks</u>
2534 - 2560	Limestone, tan, subcrystalline to dense, fair vugular and oolitic porosity. Very little chert	No show
2560 - 74	Limestone as above, trace of chert, no porosity, no oolites	
2574 - 84	Shale, dark gray	
2584 - 2600	Limestone, light gray, sub-crystalline to dense. Possibly some porosity	No show
2600 - 04	Limestone as above, tight, much chert tan to gray opaque	
2604 - 08	Shale, soft, black	
2608 - 16	Limestone, white to tan finely crystalline	
2616 - 22	Limestone as above, some porosity	Possible trace stain. No free oil. No odor.
2622 - 24	Shale gray	
2624 - 35	Limestone, tan to gray, finely crystalline, oolitic and fossiliferous. Possibly some porosity	No show Base Kansas City 2635
2635 - 61	Shale, gray, fissile, some silty	Probably Pleasanton
2661 - 62	Limestone, tan to gray, oolitic fossiliferous, some chert	
2262 - 97	Shale as above	
2697 - 2710	Limestone as above with shale streaks	Probable Top Marmaton
2710 - 38	Shale, gray. Some sandy shale 2718-26	
2738 - 52	Limestone, gray to tan, dense	
2752 - 65	Shale gray to dark gray. Trace shaly sand 2754-57	
2765 - 78	Streaks of limestone as above	
2778 - 98	Shale, gray, possibly some thin limestone streaks. Trace fine shaly sand	
2798 - 2804	Limestone gray, dense, blocky	
2804 - 15	Shale gray	
2815 - 18	Limestone as above	
2818 - 24	Shale as above	
2824 - 36	Limestone, dark gray, dense, blocky	
2836 - 49	Shale gray	

-3- Formation Log: Okmar and Bedell-Catt #1 Stranelberg.

<u>Depth</u>	<u>Formation Description</u>	<u>Remarks</u>
2849 - 2864	Limestone as above, probably with shale streaks	
2864 - 76	Shale, gray	
2876 - 93	Limestone, dark gray-brown to black, dense, streaks of gray shale	
2893 - 2922	Shale, gray fissile	Possibly Cherokee
2922 - 24	Chert, gray to tan, devitrified Some white to tan vitreous chert	Top Mississippi 2922 Some free oil heavy brown. Fair stain, no odor. D.S.T.
2924 - 25	Chert, white, gray, yellow, amber vitreous, no porosity	No show
2925 - 31	Chert, white opaque, devitrified to rotten. Fair porosity. Trace white vitreous chert	Slight trace free oil. Slight stain. No odor.
2931 - 33	Chert as above, less porosity	No show
2933 - 41	Chert, white, semi-vitreous to devitrified. Good porosity	No show
2941 - 44	Chert, white to yellow, vitreous No porosity	No show
2944 - 50	Limestone, white to tan crystalline. Some chalky. Little or no chert.	
2950 - 61	Some limestone as above, some chert, blue-gray, opaque, speckled. Much green-gray shale. Some leached sandy shale. Possibly some porosity	No show
2961 - 65	Limestone as above, some white finely sucrose dolomite, considerable chert, white, devitrified	
2965	Total Depth	Still in Mississippi

Ran Schlumberger E-S log - No microlog.

Abandoned Well 9-18-56.

Took no cores.

Ran one drill stem test as follows:

2914-26 - open 1 hour.

Recovered 55' mud with a very slight trace of oil at top.

Bottom Hole Pressure: 870 p.s.i. (30 minutes).

Samples examined and log compiled by

WENDELL S. JOHNS.