

Formation Log

Bedell-Catt #1 Marshall
SE/NE/NE, 1-248-9E
Greenwood County, Kansas
Elevation: (not taken)

8 5/8" casing?
C run: 10-8-54
Comp: 10-14-54

Note: All measurements are from the top of the rotary bushing which is 5' above the ground.

<u>Depth</u>	<u>Formation Description</u>	<u>Remarks</u>
0 - 80	Surface hole-no log	Drillers log 0-1600
80 - 200	Shale and limestone shells	
200 - 450	Shale and limestone streaks	
450 - 870	Shale and shells	
870 - 1030	Shale and limestone streaks	
1030 - 1220	Shale and limestone	
1220 - 1300	Shale and sand	
1300 - 70	Shale and shells	
1370 - 1455	Limestone and shale streaks	
1455 - 1600	Limestone and shale	
1600 - 84	Shale, green, gray, possible thin limestone streaks near bottom	Sample log 1600 - TD
1684 - 1705	Limestone, tan to brown, finely crystalline to subcrystalline	Kansas City
1705 - 15	Shale, as above	
1715 - 28	Limestone, gray to brown, dense to finely crystalline, trace gray chert	
1728 - 70	Limestone, as above, fossiliferous possibly some porosity	No show
1770 - 90	Limestone, gray to tan, chalky to finely crystalline, chert, gray opaque to devitrified fossiliferous, porous	Trace stain
1790 - 1820	Limestone, as above, less porous	No stain
1820 - 30	Limestone as above, streaks gray shale	
1830 - 47	Limestone as above more chert	Base Kansas City
1847 - 57	Shale, gray	
1857 - 67	Sand, white, medium, angular, glassy, calcareous	
1867 - 90	Shale, gray and brown	
1890 - 1910	Sand gray, fine, micaceous, angular	
1910 - 62	Shale, gray	
1942 - 72	Limestone, brown to dark gray, blocky, dense	Altament

Formation Report
Bedall-Cott #1 Marshall

<u>Depth</u>	<u>Formation Description</u>	<u>Remarks</u>
1972 - 82	Sand, green, gray, medium angular, calcareous. Some sandy limestone	Weiser
1982 - 2016	Shale, gray	Furness Samples very poor 2000 - 2150 Ft. Scott 2079-2129
2016 - 24	Limestone, tan finely dry crystalline	
2024 - 79	Mostly gray shale	
2079 - 2100	Limestone, gray, subcrystalline fossiliferous	Breezy Hill
2100 - 20	Limestone as above, with gray shale streaks	
2120 - 29	Limestone as above	
2129 - 32	Shale gray	Fruer- No show
2132 - 46	Limestone, dark gray, to dark brown, dense	
2146 - 70	Sand, white to green-white, submedium angular calcareous	
2170 - 2210	Shale, gray	Ardmore
2210 - 30	Shale, gray to black	
2230 - 40	Limestone, gray to tan, dense	
2240 - 50	Shale, black	Cattlemen, no show
2250 - 55	Shale, gray	
2255 - 72	Sand, white, medium angular, glassy, some gray sand.	
2272 - 2312	Shale, gray, some thin streaks gray shaly sand.	No show
2312 - 19	Sand, gray to tan, medium, angular, calcareous, micaceous	
2319 - 30	Shale, gray to green-gray	
2330 - 53	Shale, gray, brown and red	Bertlesville Zone 2353 - 2405 - No show
2353 - 50	Sand, gray silty, medium, angular, micaceous	
2359 - 72	Shale, gray, green-gray, trace brown, trace shaly sand	
2372 - 76	Shale, black	No show
2376 - 87	Shale, gray	
2387 - 98	Shale, gray, trace limestone streaks, dark dirty brown, subcrystalline	
2398 - 2405	Sand, light gray to green-gray, sub-medium, tight	
2405 - 21	Shale gray, trace brown	
2421 - 25	Possibly sand as above?	
2425 - 50	Shale gray, some black, a few thin streaks of limestone, brown, dense, blocky, and fine tight gray sand	
2450	Total depth	

Took no cores or drill stem tests. Did not run an electric log.
 Abandoned 10-14-54

Samples examined and log compiled
 by Wendell S. Johns

Computer Inventoried

Time Log

MEWELL, J. H. 1956

Bedell-Catt #1 Marshall
SE/NE/NE 1-24S-9E
Greenwood County, Kansas

Note: All measurements are from the top of the rotary bushing which is 5' above the ground.

Depth	Time	Remarks
1600 - 10	5-5-4-4-4-3-3-4-4-3	
20	3-3-4-4-3-4-3-4-4-4	
30	4-4-3-4-3-4-3-3-3-4	
40	3-3-X-2-2-3-3-3-4-3	
50	3-4-4-3-3-4-4-3-3-3	
60	3-3-3-4-4-4-4-3-3-3	
70	3-3-3-X-3-3-4-3-3-3	
80	3-3-3-3-3-3-3-3-3-3	
90	3-3-3-3-4-4-3-3-3-3	Top Kansas City Limestone 1604
90 - 1700	5-5-4-6-5-4-5-3-5-5	
1700 10	5-6-6-6-6-5-4-4-4-3	
20	2-2-2-3-3-4-5-5-5-5	
30	6-6-6-6-6-6-X-6-4-3	
40	3-4-4-4-5-5-6-3-4-4	
50	4-4-5-5-4-4-5-3-3-4	
60	5-5-7-8-5-6-6-X-6-8-	
70	7-7-5-5-5-4-3-3-3-5	
80	4-3-3-3-3-3-3-3-3-3	
90	3-3-3-3-4-4-4-3-3-3	
90 - 1800	4-5-6-6-5-6-3-6-8-7	
1800 10	6-8-7-6-7-8-5-4-3-4	
20	6-6-5-5-4-3-3-3-5-7	
30	4-4-4-4-4-4-3-4-4-4	Trip 1820 OGC
40	4-5-5-4-4-4-3-3-2-3	
50	4-4-3-3-3-3-3-2-2-2	Base Kansas City 1847
60	2-4-4-X-3-2-4-3-2-2	
70	2-2-1-4-4-3-3-2-2-2	
80	2-2-1-1-2-2-3-2-2-2-	
90	2-2-2-2-1-2-2-2-3-2	
90 - 1900	2-2-2-3-2-2-2-2-3-2	
1900 10	2-3-2-3-3-2-2-3-3-3	
20	2-2-3-3-2-3-X-3-2-3	
30	3-2-3-2-2-3-3-3-3-3	
40	3-3-3-3-3-3-4-3-3-3	
50	3-3-3-3-3-3-X-3-3-3	
60	2-2-3-3-3-2-2-3-3-3	
70	3-3-4-4-3-3-3-4-4-4	Altament Limestone 1962 - to - 72
80	4-4-2-2-2-4-3-4-4-3	
90	3-3-4-3-4-4-5-3-4-4	
90 - 2000	4-3-4-4-4-4-5-4-4-5	

-2- Time Log
Redell-Catt Marshall #1

<u>Depth</u>	<u>Time</u>	<u>Remarks</u>
2000 10	5-4-5-4-4-4-4-3-5-4	
20	X-4-4-4-4-4-5-5-5-6	Powder Limestone 2016-24
30	5-5-5-5-4-4-4-4-3-3	
40	3-2-2-3-3-3-3-3-4-5	
50	4-X-4-5-4-4-5-4-5-5	
60	5-5-5-5-6-6-3-5-6-6	
70	5-6-6-7-7-7-6-5-6-7	
80	5-5-5-7-7-8-7-4-5-7	
90	7-7-8-7-7-7-9-7-9	Top Ft. Scott 2079?
90 - 2100	7-6-5-7-9-10-9-9-8-8	
2100 10	9-9-9-9-X-7-7-7-8	
20	7-4-4-6-8-9-10-12-4-3	Trip 2118 OWC
30	3-4-4-3-3-4-4-4-4-3	Base Ft. Scott 2129
40	3-3-4-4-4-X-4-4-4-3	
50	3-3-4-4-3-3-2-3-3-3	
60	2-3-3-2-2-3-3-2-2-2	
70	2-2-1-2-3-3-X-2-3-2	
80	2-2-2-3-3-3-3-2-4-3	
90	2-2-2-3-3-3-3-3-3-2	
90 - 2200	2-2-2-2-2-2-2-2-2-2	
2200 10	2-3-2-2-2-3-2-2-3-2	
20	3-3-3-2-3-3-3-3-3-2	
30	4-3-3-3-2-2-2-2-3-3	Ardmore Limestone 2230-38
40	4-4-4-3-3-3-3-4-3-3	
50	3-3-2-2-3-3-2-2-3-3	
60	3-2-3-4-3-2-2-2-2-2	
70	X-3-3-3-3-4-4-3-4-3	SLM & Slope test at 2260
80	2-2-4-4-3-3-3-4-3-3	Both OK
90	3-4-3-4-4-4-3-3-3-3	
90 - 2300	3-X-3-2-3-4-4-4-2-3	Circ. 2300 1/2 hour
2300 10	3-4-3-4-3-3-3-3-4-4	
20	4-5-4-4-4-3-4-4-4-5	
30	4-5-5-4-5-5-4-5-4-3	
40	4-3-5-5-5-5-4-5-4-4	Circ. 2330 1/2 hour
50	3-4-5-5-4-5-4-4-4-5	Circ. 2340 1/2 hour
60	5-5-5-5-X-3-2-2-2-5	
70	4-5-5-5-5-4-4-5-5-5	Circ. 2360 1/2 hour
80	5-5-5-4-3-4-5-6-6-5	Bartlesville Zone 2355-2405
90	5-5-6-6-6-X-4-3-4-5	No good sand - no show
90 - 2400	5-5-5-5-6-6-5-5-5-4	

-3- Time Log
 Redell-Catt Marshall #1

<u>Depth</u>	<u>Time</u>	<u>Remarks</u>
2400 10	4-4-4-3-3-4-6-5-7-6	
20	6-6-6-3-3-3-3-7-7-6	
30	6-3-4-4-3-3-3-3-6-6	
40	3-6-6-6-4-3-5-6-6-3	
50	6-4-1-3-5-7-4-3-7-6	

Total depth 2450

B & A 10-14-54

No cores, drill stem test or electric log.

Log Condensed by Johns & Magathan