Rooney-Siegfried-Thomas
#1 D. C. Lindberg
SW SW SW 12-17-37W
Wichita County, Kansas
Elevation: 3268 derrick floor
3271 Rotary bushing

10 3/4" 271
Comm: 11-14-53
Comp. 12- 1-53

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

Depth	Formation Description	Remarks
0 - 120	Surface clay, sand and shale	Driller's log
120 - 190	Sand	0 - 2700
190 - 271	Blue shale	All tops 0-2700 from electric log
271 - 525	Shale and shells	Base Ft Hays 525
525 - 740	Shale and shells	Carlile shale
740 - 800	Shale and shells	Greenhorn
800 - 915	Shale and shells	Graneros
915 - 1021	Shale and shells	Top Dakota 915
1021 - 1125	Sandy shale	
1125 - 1211	Sand	
1211 - 1245	River gravel	
1245 - 1345	Shale and sand	Base Dakota 1345
1345 - 1405	Shale and sand	Top Permian 1345
1405 - 1590	Shale, shells, and red beds	
1590 - 1750	Shale and shells	Top Blaine 1710
1750 - 90	Shale and red beds	
1790 - 1820	Anhydrite	
1820 - 2450	Shale, shells and red beds	
2450 - 73	Anhydrite	Stone corral
2473 - 95	Shale, red beds and salt	
2495 - 2650	Red beds and shells	
2650 - 2700	Shale and red beds	
2700 - 2905	Red shale, with streaks fine red sand	Sample log 2700 T.D.
2905 - 20	Dolomite, light tan to white finely crystalline, some vugular porosity	Hollenberg no show
2920 - 45	Shale, red and brown	
2945 - 65	Shale, maroon, and sand, red fine ~~vugular~~	
2965 - 3000	Shale, red and brown	
3000 - 10	Dolomite, red and white, finely crystalline	Herington ?
3010 - 26	Shale, grey with streaks dolomite	
3026 - 46	Sand red, angular, fine to submedium	
3046 - 55	Shale, red	
3055 - 61	Dolomite as above	Winfield ?
3061 - 66	Shale, red and grey	
3066 - 74	Dolomite as above	
3074 - 81	Shale red and grey	

Formation Log: #1 D. C. Lindberg

Depth	Formation Description	Remarks
3081 - 3154	Sand, red to maroon, fine to sub-medium, angular	
3154 - 60	Shale red and gray	
3160 - 70	Limestone, gray with small red inclusions, sub crystalline to crystalline	
3170 - 79	Sand and shale, red	
3179 - 85	Limestone as above	
3185 - 3218	Shale, red and maroon, sand	
3218 - 35	Limestone red and gray crystalline and gray dense, fossiliferous	
3235 - 39	Shale, red and gray	
3239 - 48	Limestone as above, some chert gray and ~~xxx~~ opaque, smoky	
3248 - 55	Shale gray and red	
3255 - 80	Limestone, dark gray to brown, black inclusions, fossiliferous or oolitic, some porosity 3274-80	No show
3280 - 88	Shale, gray, some red	
3288 - 3303	Limestone tan to brown, dense	
3303 - 07	Shale as above	
3307 - 23	Limestone as above, much chert gray to ~~xxx~~ brown opaque, some black chert	
3323 - 30	Shale dark gray and maroon	
3330 - 41	Dolomite, light tan sucrose, much chert, gray opaque, some clear orange quartz	
3341 - 67	Limestone, gray chalky to granular to dense, much quartz, white to pink milky	
3367 - 72	Shale, maroon	
3372 - 81	Limestone, dark gray, crystalline chert black opaque, non-vitreous, some black vitreous	
3381 - 86	Dolomite, gray to tan granular, some black oolite	
3386 - 90	Shale, maroon	
3390 - 95	Limestone, gray, granular, oolitic cherty	
3395 - 3400	Shale, gray and maroon	
3400 - 10	Limestone, dark gray to black finely granular, chert, fossiliferous, dark gray, opaque	
3410 - 14	Shale as above	
3414 - 27	Limestone, gray, dense	
3427 - 31	Shale as above	
3431 - 38	Limestone, gray and black, mottled, many black oolites, possible trace chert	
3438 - 40	Shale as above	
3440 - 46	Limestone, gray sub crystalline to granular	

Formation Log: #1 D. C. Lindberg

Depth	Formation Description	Remarks
3446 - 61	Shale, grey and maroon, with some limestone streaks	
3461 - 68	Limestone as above	
3468 - 75	Shale, grey-green sandy	
3475 - 95	Limestone, grey and black, crystalline fossiliferous	
3495 - 3510	Shale grey and green with limestone streaks	
3510 - 16	Limestone, grey to tan, granular to finely crystalline	
3516 - 19	Shale, grey and green	
3519 - 27	Limestone dark grey to black, black oolite	
3527 - 40	Shale, gray	
3540 - 49	Sand, white to green-gray, fine to submedium, angular, micaceous	
3549 - 53	Shale, grey	
3553 - 56	Limestone, grey to brown, dense, some oolite	
3556 - 63	Shale gray	
3563 - 88	Limestone, grey to dark grey, dense to subcrystalline, oolitic and fossiliferous, some grey shale streaks	Possible top Tarkio
3588 - 93	Shale gray	
3593 - 3605	Limestone, grey-brown dense	
3605 - 08	Shale, grey	
3608 - 19	Limestone, tan to grey, granular, black fossils and oolitic	
3619 - 24	Shale, gray and maroon	
3624 - 42	Limestone, grey and black mottled, sub-crystalline, streaks gray and maroon shale	
3642 - 56	Limestone grey dense, some porosity	No show 3643-48
3656 - 75	Streaks of limestone as above, alternating with streaks red and gray shale	
3675 - 80	Limestone, black, subcrystalline to finely crystalline	
3680 - 84	Sand, fine grey, micaceous	
3684 - 86	Shale grey	
3686 - 89	Limestone as above	
3689 - 96	Shale grey	
3696 - 3706	Limestone, black to brown, finely crystalline oolitic	Top Topeka 3696
3706 - 08	Shale, grey	
3708 - 24	Limestone, grey-tan, dense, trace porosity	No show
3724 - 28	Shale, gray	
3728 - 53	Limestone, light tan sucrose, very good vugular porosity 3730-41	No show
3753 - 55	Shale grey	
3755 - 58	Limestone, grey, crystalline, fossiliferous	

Depth	Formation Description	Remarks
3758 - 3766	Shale, gray	
3766 - 82	Limestone, tan, finely crystalline to granular, trace chert, gray opaque, fair finely vugular porosity	No show
3782 - 86	Shale, gray	
3786 - 3816	Limestone, gray to light tan, sub-crystalline to granular, fossiliferous, chert gray opaque	
3816 - 20	Shale, gray	
3820 - 23	Limestone as above	
3823 - 26	Shale, gray	
3826 - 39	Sand, green-gray, fine to sub-medium, silty, micaceous	Possible trace stain
3839 - 45	Shale gray	
3845 - 57	Limestone gray to tan, dense to sub-crystalline, very fossiliferous, possibly oolitic, good vugular porosity 3850-55	No show
3857 - 70	Shale, gray	
3870 - 94	Limestone as above	
3894 - 97	Shale gray	
3897 - 3904	Limestone, tan, sub crystalline, fossiliferous, white, drusy chert, some porosity	No show
3904 - 19	Limestone, gray, suberystalline	
3919 - 48	Limestone, gray to brown, finely crystalline, very fossiliferous, trace chert, gray, opaque, good vugular porosity	Possible trace oil stain
3948 - 50	Shale, soft, black	Toebner
3950 - 54	Limestone, gray, sub crystalline to dense	Leavenworth
3954 - 64	Shale, green-gray silty to sandy, trace brown, sand grey, sub-medium silty	Snyderville
3964 - 88	Limestone, white, chalky, some chert, white opaque, trace porosity	Toronto no show
3988 - 96	Shale, gray, green-gray, silty, trace brown shale	Douglas
3996 - 4019	Limestone, gray suberystalline and buff crystalline, possible trace oolitic, chert, white to tan opaque	Top Lansing 3996
4019 - 21	Shale, black	
4021 - 27	Limestone, tan, crystalline	
4027 - 34	Shale, green and maroon	
4034 - 46	Limestone, gray to brown, dense, some fossils	
4046 - 70	Limestone white dense to tan finely crystalline, some porosity 4046-57	No show
4070 - 82	Limestone, white, crystalline	
4082 - 85	Shale, black	
4085 - 92	Limestone tan to gray dense	
4092 - 94	Shale grey	

Formation Log: #1 D.C. Lindberg

Depth	Formation Description	Remarks
4094 - 4105	Limestone brown, oolitic, fossiliferous finely crystalline, some black oolitic	
4105 - 08	Shale, gray	
4108 - 24	Limestone, tan finely crystalline, some pyrite, some oolites and fossils, some vugular porosity	No show
4124 - 60	Limestone, tan dense to sub-crystalline	
4160 - 64	Shale green-gray	
4164 - 78	Limestone as above	
4178 - 82	Shale, dark gray	
4182 - 84	Limestone as above	
4184 - 86	Shale, maroon	
4186 - 98	Limestone as above, some porosity	No show
4198 - 4206	Limestone, light gray, dense to sub-crystalline chert, gray opaque, vitreous to non-vitreous, oolitic	
4206 - 08	Shale, gray	
4208 - 14	Limestone light buff to white, crystalline to chalky, some porosity	No show
4214 - 17	Shale dark gray	
4217 - 21	Limestone, light gray dense, increase in chert	
4221 - 24	Shale maroon	
4224 - 34	Limestone as above	
4234 - 36	Shale gray	
4236 - 55	Limestone, gray to tan, dense, to crystalline, oolitic and fossiliferous, trace chert some gray shale streaks, some black oolites	
4255 - 64	Limestone, gray to tan, oolitic, Very oolicastic, very large oolicasts, very good porosity	No show
4264 - 72	Limestone, tan sub-crystalline	
4272 - 75	Shale, black	
4275 - 79	Limestone, tan to brown, with black mottling, finely crystalline, chert grey opaque fossiliferous	
4279 - 82	Shale maroon	
4282 - 4310	Limestone, tan, sub crystalline to finely crystalline, porous on radiation on log, no porosity visible in samples	No show
4310 - 22	Limestone, tan, finely crystalline to subcrystalline, some chert, white to gray opaque	
4322 - 26	Shale, dark gray	
4326 - 29	Limestone buff, very oolitic, no porosity	
4329 - 37	Shale, green and maroon, variegated	
4337 - 67	Limestone, brown dense, trace chert, trace oolites	

Formation Log: #1 D. C. Lindberg

Depth	Formation Description	Remarks
4367 - 70	Shale green and maroon	
4370 - 73	Limestone, grey-tan, sucrose to dense, chert, grey, opaque, non-vitreous	
4373 - 76	Shale as above	
4376 - 87	Limestone as above	
4383 - 93	Limestone grey to tan, crystalline oolitic and oolicastic, trace porosity	No show Base Kansas City 4393
4393 - 4424	Shale grey-green sandy, grey calcareous sand or fine sandy limestone, sand fine angular green silty	Marmaton
4424 - 58	Limestone grey to brown, crystalline to dense, very fossiliferous, trace chert. Thin streaks maroon shale	
4458 - 77	Limestone, grey to tan, finely crystalline to dense, fossiliferous	
4477 - 94	Shale, grey, green and maroon	
4494 - 4514	Limestone, grey to brown, finely crystalline to crystalline, oolitic, fossiliferous	
4514 - 19	Shale black	
4519 - 30	Shale grey, green and maroon	
4530 - 49	Limestone, grey to brown, dense to finely crystalline, fossiliferous, chert, light, grey, opaque; dark brown to black vitreous chert	Top cherty limestone
4549 - 52	Shale, black, some maroon	
4552 - 66	Limestone and chert as above	
4566 - 71	Shale black	
4571 - 82	Limestone, grey to brown, many large brown oolites, fossiliferous, much chert, brown black and grey mottled, opaque to translucent, fossiliferous and oolitic	
4582 - 95	Limestone grey-brown, dense	
4595 - 4600	Shale, black, some green silty	
4600 - 08	Limestone, brown to grey dense, some oolites, fossils, crinoids, trace chert, some porosity	No show
4608 - 12	Shale, green and maroon	
4612 - 21	Limestone as above	
4621 - 23	Shale black	
4623 - 29	Limestone, buff, dense, spicular, fossiliferous, sandy, chert, white translucent	
4629 - 32	Shale black	
4632 - 36	Limestone, grey to brown, finely crystalline, much chert, brown translucent sandy	
4636 - 38	Shale, black	

Formation Log: J. D. S. Lindberg

Depth		Formation Description	Remarks
4633 -	43	Limestone and chert as above	
4643 -	53	Shale, green and maroon trace limestone streaks	
4653 -	58	Limestone, dark gray to black, dense to subcrystalline, chert gray, to dark, brown, to black opaque to translucent	Top black limestone section
4658 -	63	Shale, dark grey	
4663 -	69	Limestone as above	
4669 -	79	Streaks green shale and limestone as above	
4679 -	82	Limestone, gray brown, shaly and sandy, some silicified	
4682 -	87	Limestone, dark gray to black dense to finely crystalline, chert black to dark brown opaque	
4687 -	91	Shale, black	
4691 -	96	Limestone, gray brown dense, very little chert	
4696 -	4705	Shale, green to maroon, silty	
4705 -	18	Limestone tan to brown, dense to fine crystalline, fossils, possibly oolites chert black to dark brown, vitreous, resinous	
4718 -	30	Shale, green and maroon	
4730 -	39	Limestone, dark gray to black, sub-crystalline, mottled, chert black; brown, blue gray - mottled opaque	
4739 -	42	Shale gray	
4742 -	48	Limestone grey-tan, dense to finely crystalline, chert white to blue-gray opaque, vitreous, some oolitic chert	
4748 -	58	Shale, grey and green silty pyritic, some thin limestone streaks	
4758 -	69	Shale, dark gray, some grey-green and maroon, trace silty sand	Top Cherokee 4758
4769 -	94	Shale dark gray to black	
4794 -	4802	Shale as above with streaks gray-brown limestone	
4802 -	08	Limestone, tan crystalline, fossiliferous, green spots	
4804 -	20	Shale as above, more fossils	
4820 -	30	Limestone as above	
4830 -	45	Shale as above	
4845 -	48	Sand, white medium, angular to sub-rounded, glassy, some green inclusions, possibly glauconite	Top Morrow 4845 no show
4848 -	58	Sand as above, softer and coarser	No show

Formation Log: #1 D. C. Lindberg

Depth	Formation Description	Remarks
4858 - 76	Shale as above with streaks sand as above, much pyrite	
4876 -4910	Limestone white to tan, very sandy, finely crystalline, many small round oolites or fossils	Top Mississippi 4876 Ste Genevieve
4910 - 31	Limestone, white chalky, much sandy limestone as above	
4931 - 37	Limestone, white chalky, not sandy	
4937 - 60	Limestone, gray, tan dense, flaky; chert, brown, gray, pink, or orange, vitreous, opaque to translucent	Top St. Louis 4937
4960 - 81	Limestone as above, some finely crystalline with oblong, oolites, some fossils	
4981	Total depth Ran simultaneous radiation log	

D & A 12-1-53

Took no cores or drill stem tests

Samples examined and log compiled by

WENDELL S. JOHNS

Rodney-Siegfried-Thomas
#1 D.C. Lindbery
SW SE SW, 12-17S-37W
Wichita County, Kansas
Elevation: 3268 Derrick Floor
3271 Rotary Bushing

JOHNS AND MAGATTIAN
CONSULTING GEOLOGISTS
501 BITTING BUILDING
WICHITA 2, KANSAS

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

Depth	Time	Remarks
3020 - 30	3-3-3-3-3-3-2-1-1-1	
40	1-1-2-1-2-1-1-1-1-2	
50	2-2-2-1-1-1-2-1-3-2	
60	3-2-2-2-2-3-2-3-3-3	
70	5-4-3-3-3-3-3-4-3-4	
80	5-5-4-4-4-5-5-5-5-5	Trip 3075 O.S.A.
90	5-5-3-3-3-3-2-2-1-3	
3090 - 3100	2-2-2-2-3-3-2-2-3-3	
10	2-2-2-1-2-2-2-4-4-3	
20	2-2-2-2-2-2-3-3-3-2	
30	1-1-2-2-2-1-1-1-1-1	
40	1-2-2-1-1-1-1-1-1-1	
50	1-2-2-2-1-1-1-1-1-1	
60	1-1-1-1-2-2-2-2-2-1	
70	1-1-1-1-1-1-1-1-1-1	
80	2-2-2-2-2-2-2-2-2-3	
90	3-3-2-2-2-3-3-3-3-3	
3190 - 3200	3-3-2-2-2-2-2-2-2-2	
10	3-3-3-3-4-4-4-4-3-3	
20	3-4-4-4-4-3-2-2-3-3	
30	3-4-4-3-3-4-3-4-4-4	
40	4-4-3-3-5-5-5-5-4-6	
50	6-6-6-6-7-6-6-6-5-5	
60	6-7-6-6-6-7-8-8-8-7	
70	7-6-7-7-7-9-9-8-8-8	
80	6-7-8-8-6-5-3-3-3-4	
90	5-5-5-5-10-8-7-7-8-9	
3290 - 3300	7-8-7-8-9-8-10-8-8-9	
10	8-6-6-3-5-4-5-8-7-9	
20	7-8-6-5-6-7-6-6-6-6	Trip 3312 O.S.A.
30	9-6-8-4-5-5-6-4-6-4	
40	2-2-3-4-6-6-6-6-7-6	
50	7-7-7-7-7-6-6-7-7-6	
60	5-4-2-2-2-3-1-1-2-3	
70	3-2-2-2-2-2-2-4-5-5	
80	5-5-5-5-5-5-5-7-7-7	
90	6-3-5-5-5-4-10-20-10-10	
3390 - 3400	20-15-10-14-14-12-10-10-8-8	
10	8-9-9-10-11-10-7-7-7-7	
20	6-6-6-8-11-9-10-7-5-5	
30	7-6-7-10-10-10-10-8-10-12	
40	12-14-14-15-9-11-12-12-11-11	
50	11-11-8-8-6-5-7-9-9-5	

(2) Time Log: R.S.T. #1 D.C. Lindberg

Depth	Time	Remarks
3450 - 60	8-11-9-5-5-5-5-5-6	
70	5-12-8-9-11-3-4-4-5-4	Trip 3465 O.S.G.
80	6-6-5-6-6-4-6-4-4-5	
90	5-4-3-3-3-4-3-2-3-2	
3490 - 3500	3-3-3-4-3-4-4-4-3-5	
10	4-3-3-5-6-6-5-6-6-3	
20	5-5-4-3-3-6-4-2-4-6	
30	6-6-4-5-4-5-4-4-5-4	
40	4-5-4-5-6-7-5-5-5-5	
50	4-1-2-2-3-1-1-1-1-2	
60	2-2-3-4-3-5-5-5-3-4	
70	6-5-6-5-5-5-7-8-9-7	Varnlo ? 3563
80	11-7-7-5-4-9-6-6-8-6	
90	7-8-8-9-8-7-6-5-5-5	
3590 - 3600	5-7-5-7-4-4-7-8-9-9	
10	8-7-7-6-7-6-4-4-9-9	
20	7-5-9-7-7-5-5-4-6-5	
30	5-6-6-6-6-6-6-4-3-4	
40	4-5-4-3-4-7-7-7-5-3	
50	3-4-7-3-2-1-1-5-3-4	Rough 3645-47
60	4-2-3-4-3-5-4-4-6-7	
70	7-7-6-7-6-6-7-8-6-6	
80	5-7-4-4-4-5-4-6-7-6	
90	5-5-5-5-9-4-4-4-4-4	Trip 3685 O.S.G. Rough 3686
3690 - 3700	4-3-4-6-4-5-4-6-5-4	Topeka ? 3696
10	4-4-6-4-5-6-7-5-5-5	
20	4-4-3-3-4-4-4-3-3-2	
30	3-3-3-2-5-4-3-4-4-3	
40	2-1-1-2-2-1-1-1-1-1	
50	1-2-3-3-3-3-2-3-3-3	
60	2-3-3-6-5-4-6-7-5-4	
70	3-3-4-5-4-4-5-5-3-6	
80	2-2-3-2-4-4-4-3-1-2	
90	5-3-3-4-4-7-6-3-3-3	
3790 - 3800	3-4-4-3-3-3-4-5-6-3	
10	4-4-4-3-4-5-5-4-4-4	
20	5-5-4-4-4-6-7-8-8-6	
30	8-8-8-2-6-6-5-3-3-4	
40	3-3-3-3-3-3-3-3-3-3	
50	5-5-10-10-10-14-10-7-9-7	
60	4-6-5-5-5-7-6-10-11-10	
70	9-9-11-10-10-9-6-8-11-11	
80	7-8-9-8-7-7-6-6-7-7	
90	7-6-3-2-2-10-8-6-9-7	
3890 - 3900	4-8-3-4-5-8-12-7-3-4	Trip 3898 O.W.B.
10	5-3-3-3-4-5-6-7-8-7	
20	8-5-5-5-6-6-9-4-5-3	
30	3-3-2-4-3-3-2-3-3-3	
40	4-5-3-3-5-4-5-3-4-3	
50	3-3-3-4-6-6-5-6-2-3	Heebner 3948 Rough 3950

(3) Time Log: R.C.T. #1 McClean

Depth	Time	Remarks
3950 - 60	6-6-6-7-6-5-5-5-5-5	
70	5-2-4-4-4-4-4-4-3-3	
80	2-2-3-3-3-4-4-5-5-4	
90	5-5-8-5-4-5-4-4-5-5	
3990 - 4000	7-8-5-5-5-5-6-8-5-4	Lansing 3996
10	5-5-3-3-3-5-5-4-4-4	
20	5-5-4-4-4-4-4-4-3-6	
30	7-7-7-7-5-4-4-6-6-5	
40	8-6-6-6-8-7-6-5-5-5	
50	5-5-6-5-8-8-5-5-4-5	
60	5-5-5-4-4-4-4-6-5-5	
70	4-5-4-5-5-5-6-6-5-5	
80	5-5-5-5-5-5-5-5-5-5	
90	5-7-5-4-2-7-8-8-7-7	
4090 - 4100	7-8-8-5-8-7-4-4-5-6	
10	6-6-6-6-5-7-8-5-7-6	
20	7-6-6-6-5-6-6-8-7-5	
30	8-8-4-5-5-6-6-7-8-8	
40	6-4-6-7-5-4-6-6-7-6	
50	4-4-5-4-4-5-4-4-4-4	
60	5-6-4-6-6-6-8-8-8-7	
70	5-6-5-7-8-8-6-6-7-5	
80	6-7-9-10-7-6-6-7-4-4	
90	4-4-7-10-9-5-7-5-5-5	Trip 4190 C.T.S.
4190 - 4200	7-7-5-4-4-3-3-4-8-6	
10	8-10-11-9-10-9-8-9-6-5-	
20	4-6-5-10-7-9-8-5-6-6	
30	10-8-10-8-7-5-7-6-6-4	
40	4-5-7-8-6-7-9-9-6-6	
50	5-5-5-5-6-6-8-9-10	
60	9-9-7-7-9-6-3-1-1-1	
70	2-2-2-2-4-10-10-8-6-6	Circ. 1½ hrs. @ 4265
80	8-10-10-10-11-5-7-6-8-9	
90	11-10-5-5-5-5-5-5-6-6	
4290 - 4300	6-7-6-6-8-9-8-6-5-6	
10	6-5-6-6-6-5-5-5-5-4	
20	5-5-6-6-5-9-9-7-9-9	
30	8-7-11-11-12-6-9-11-12-11	
40	11-9-10-8-10-9-8-9-12-10	
50	9-9-10-12-11-5-5-7-7-7	Trip 4345 @ 7
60	4-4-4-4-5-4-3-3-3-3	
70	5-4-5-5-5-5-5-3-3-4	
80	5-5-9-8-7-7-6-5-5-5	
90	5-7-5-6-6-6-6-5-5-6	
4390 - 4400	5-5-7-6-5-5-5-3-4-3	Drop Kansas City 4393
10	5-4-2-2-3-3-2-2-2-2	
20	3-3-3-3-2-2-3-3-4-3	Circ. 1½ hrs. @ 4415
30	4-5-4-4-5-6-7-7-9-6	
40	8-9-8-6-5-8-7-7-9-7	
50	7-7-10-9-9-10-6-5-6-6	
60	8-7-8-9-10-10-11-10-10-9	
70	7-9-9-8-6-7-9-11-11-10	
80	11-11-9-10-10-12-12-10-10-10	
90	11-9-11-9-9-7-4-8-8-7	
4490 - 4500	8-7-8-8-11-8-10-10-7-8	

(4) R-S-T #1 McClean

Depth	Time	Remarks
4500 - 10	7-6-7-7-5-9-11-10-10-13	
20	11-9-10-10-10-10-13-7-9-9	
30	7-7-7-11-11-14-11-8-8-6	
40	8-10-9-9-9-12-13-11-15-15	
50	21-16-16-16-16-15-15-16-16-15-9	
60	6-8-16-9-8-7-10-9-9-9	Trip 4553 W 7
70	10-10-10-10-12-14-4-3-4-9	
80	8-11-12-11-11-13-12-12-10-10	Circ. 3/4 hr @ 4571
90	13-11-7-12-14-11-15-12-12-14	
4590 - 4600	12-13-10-11-14-8-9-8-10-8	
10	9-13-11-10-7-7-5-8-9-10	
20	9-7-11-10-9-11-11-10-9-11	
30	11-6-9-11-12-13-10-14-14-8	
40	7-9-12-10-12-14-10-9-13-12	
50	12-13-15-11-13-8-11-14-11-10	
60	12-12-15-15-15-17-12-16-15-15	
70	15-13-12-17-16-20-19-20-16-13	
80	17-15-12-13-14-21-23-15-17-17	
90	16-20-9-9-9-12-11-11-10-8	Trip 4682 W 7
4690 - 4700	9-13-13-12-10-10-12-12-14-12	SR 4695-98 R 4699
10	9-12-7-10-9-11-8-19-12-13	R 4702; R 4704
20	13-17-14-14-11-12-11-16-10-9	
30	9-9-9-9-9-9-9-10-10-10	
40	10-11-11-11-10-11-12-12-13-15	
50	15-12-15-14-14-12-16-20-18-14	
60	15-15-18-20-20-18-14-15-20-44	Top Definite Cherokee 4758; Trip 4759½ W 7
70	13-13-8-12-9-7-6-5-8-7	Rough 4763-65
80	6-6-7-6-7-6-6-7-7-7	
90	7-7-7-5-6-7-7-7-7-5	
4790 - 4800	7-6-6-6-7-9-10-7-8-10	
10	9-6-8-8-10-11-10-10-6-6	
20	6-7-7-8-8-9-9-7-7-8	
30	9-13-13-10-10-9-6-4-6-6	
40	7-7-5-4-6-6-5-5-4-6	
50	5-6-6-9-8-6-5-5-3-3	Top Probable Morrow 4845
60	3-2-3-7-9-11-9-10-14-16-	Circ. 1½ hrs. 4854 Rough 4855
70	11-15-15-13-13-15-13-14-20-22	Circ. 4865 9 min.
80	23-21-23-18-18-25-13-16-18-12	Trip 4876 W 7
90	15-14-12-18-16-14-13-13-13-13	Top Mississippi 4876
4890 - 4900	13-13-12-13-14-11-14-13-12-14	

(5) Time Log: S- -T 1 McClean

Depth		Time	Remarks
4900 -	10	11-13-13-13-11-13-10-11-16-12	Circ. 1½ hrs. @ 4907 Drilling last ½ hour.
	20	16-12-13-11-13-10-10-12-10-11	
	30	13-13-11-13-12-13-13-13-13-13	
	40	16-13-13-13-13-13-12-14-14-13	Lt. Louis 4937
	50	13-13-13-13-14-14-13-13-11-11	
	60	13-14-15-16-12-14-14-13-14-15	
	70	15-16-15-16-15-15-15-15-14-14	
	80	15-15-15-13-13-13-9-14-18-19	
T.D.4931		20	

Ran simultaneous radiation log.
D & A 12-1-53

Log condensed by Kendell A. Johns