

DRILLING TIME LOG

NCRA- Sterling #1 Russell

NW NW NW of Sec. 1-20-20

Elevation 2266 KB

Pawnee County, Kansas

DEPTH		TIME	REMARKS
From	To		
3001	3010	3-3-2-2-2-2-4-8-7-5	Trip @ 3022 Strapped drill pipe in derrick Made 10' Correction
	3020	4-5-6-5-7-7-5-3-3-4	
	3030	3-3-3-3-4-4-4-4-5-6	
	3040	7-6-7-6-6-6-4-3-2-3	
	3050		
	3060	5-4-3-4-4-3-3-2-2-2	
	3070	3-4-5-6-5-4-5-6-6-5	
	3080	4-3-3-4-4-4-4-4-5-4	
	3090	4-5-5-5-4-4-3-3-3-4	
3090	3100	3-3-2-2-3-4-4-4-5-5	
	3110	5-6-6-7-6-4-4-4-3-4	
	3120	5-5-4-5-4-4-4-3-3-2	
	3130	2-3-2-3-2-2-2-3-3-3	
	3140	4-3-2-1-1-1-1-1-1-1	
	3150	1-2-2-2-2-2-2-2-2-2	
	3160	2-2-2-2-2-2-2-2-4-4	
	3170	3-3-3-3-3-3-2-3-3-6	
	3180	2-3-4-3-3-3-3-3-3-3	
	3190	4-4-5-4-3-3-4-4-4-4	
3190	3200	4-3-5-5-5-5-6-4-4-4	
	3210	3-3-2-3-2-2-3-2-3-2	
	3220	3-3-3-2-3-3-3-3-2-3	
	3230	4-3-3-2-4-3-4-2-3-3	
	3240	5-5-5-5-4-4-3-2-5-5	
	3250	5-4-5-5-5-4-5-5-5-5	
	3260	5-4-4-5-5-3-4-5-6-6	
	3270	5-5-5-4-6-10-7-6-6-7	
	3280	7-6-5-5-7-7-4-3-2-5	
	3290	5-8-6-5-5-5-7-7-5-6	
3290	3300	6-7-7-7-5-2-3-4-5-4	
	3310	5-5-5-5-5-5-5-5-4-4	
	3320	6-5-4-4-3-4-5-4-4-5	
	3330	5-5-3-2-2-3-5-5-3-3	
	3340	6-4-5-5-7-5-5-4-5-5	
	3350	5-5-6-5-6-5-5-5-5-5	
	3360	5-5-5-4-5-4-4-4-4-5	
	3370	5-5-5-5-4-5-5-7-8-8	
	3380	10-10-5-3-2-4-6-5-5-4	
	3390	4-4-4-4-6-7-7-5-5-6	
3390	3400	5-5-9-8-7-8-7-7-6-6	
	3410	9-5-6-6-6-6-6-5-5-5	
	3420	4-5-4-5-5-5-5-5-4-4	
	3430	5-5-4-3-4-5-2-1-1-1	
	3440	1-5-1-2-1-1-1-4-4-5	
	3450	6-5-4-5-4-5-6-5-4-3	

DEPTH	TIME	REMARKS
3450	3460 4-4-5-5-5-6-6-5-5-5	
	3470 5-6-4-4-5-5-7-4-4-5	
	3480 3-4-4-3-2-2-3-3-4-5	
	3490 7-6-6-6-6-6-6-4-4-3	
3490	3500 2-2-2-4-6-5-5-10-6-4	
	3510 4-2-5-8-6-5-3-3-3-2	
	3520 2-2-3-6-9-6-3-4-6-7	
	3530 5-5-3-5-5-5-9-6-6-6	
	3540 8-6-6-5-5-5-5-6-13-11	
	3550 10-10-8-7-10-10-8-6-9-7	
	3560 5-3-4-5-4-5-7-9-11-10	
	3570 8-8-7-6-5-4-5-5-4-5	Trip 3563
	3580 5-5-5-6-5-5-5-4-5-10	
	3590 11-9-7-4-7-9-10-10-10-11	
3590	3600 10-10-10-11-7-8-10-10-11-6	Trip 3600
	3610 6-4-3-4-4-5-5-5-4-4	
	3620 4-3-3-4-4-5-4-5-6-4	
	3630 5-5-3-3-5-5-2-2-2-2	
	3640 3-3-3-4-3-4-4-4-6-6	
	3650 6-5-5-5-5-3-3-3-3-3	
	3660 3-3-3-2-2-3-3-3-3-3	
	3670 3-3-7-7-7-5-4-4-5-5	
	3680 5-5-5-7-4-5-4-4-3-6	
	3690 7-6-6-5-5-6-7-8-6-3	
3690	3700 3-4-4-4-5-5-5-4-4-7	
	3710 8-9-8-7-8-11-9-4-3-2	
	3720 4-10-15-5-5-5-5-5-6-6	
	3730 5-7-6-6-5-7-8-10-10-9	
	3740 8-10-11-8-9-4-4-3-4-3	
	3750 3-3-4-3-5-5-5-4-3-3	
	3760 3-4-3-3-4-10-10-6-8-6	
	3770 8-10-10-9-9-8-10-9-7-5	
	3780 5-13-12-7-6-5-6-5-6-7	
	3790 6-3-6-6-10-11-14-11-11-10	Circ. @ 3786
3790	3800 8-8-8-11-11-7-6-6-6-7	
	3810 11-11-9-7-6-7-7-7-7-8	
	3820 8-9-7-7-7-6-9-5-7-7	
	3830 7-10-10-10-5-8-9-9-8	
	3840 6-5-8-10-9-11-9-11-12-12	
	3850 14-12-8-4-10-10-9-10-9-8	
	3860 9-9-5-9-12-12-17-5-2-3	
	3870 3-1-1-1-2-5-7-5-8-8	Circ @ 3866
	3880 9-10-9-10-11-11-6-8-8-9	Trip @ 3876
	3890 9-8-7-9-10-10-8-6-8-9	
3890	3900 9-10-11-5-7-10-11-8-8-9	
	3910 9-9-11-10-10-9-8-6-8-8	

	DEPTH	TIME	REMARKS
3910	3920	13-12-9-6-5-6-6-8-12-11	
	3930	12-12-15-14-14-12-11-12-15-14	
	3940	12-11-12-13-14-12-15-10-7-6	
	3950	6-7-8-9-10-13-12-11-11-13	
	3960	12-11-12-13-14-13-12-11-12-11	
	3970	6-8-8-8-8-8-8-12-12-10	
	3980	6-7-6-8-10-9-5-11-5-6	Trip @ 3978
	3990	12-12-11-9-10-10-8-9-9-9	
3990	4000	10-10-8-8-9-7-6-3-6-10	
	4010	7-6-6-7-7-8-10-11-7-7	
	4020	9-8-7-10-11-10-11-10-9-9	
	4030	10-10-10-7-4-3-5-11-13-12	
	4040	10-9-9-9-8-7-8-10-9-10	
	4050	10-8-8-10-11-11-12-13-14-12	
	4060	10-12-9-6-7-15-15-12-13-15	
	4070	13-12-12-12-12-12-8-10-12-13	
	4080	12-15-12-13-15-14-9-7-8-8	
	4090	7-5-7-10-7-9-8-7-8-7	
4090	4100	7-6-7-7-7-7-7-6-10-12	
	4110	4-4-7-6-5-10-10-10-9-9	Trip @ 4101
	4120	8-8-8-9-9-8-8-8-7-6	
	4130	6-5-5-3-4-4-5-4-4-5	
	4140	5-5-4-4-4-4-4-8-11-10	
	4150	10-10-7-10-10-10-12-11-9-10	
	4160	11-10-9-10-9-8-6-6-8-9	
	4170	11-9-9-8-7-9-9-9-9-9	
	4180	9-5-3-4-4-5-4-3-3-6	
	4190	5-5-5-7-6-7-10-10-8-5	
4190	4200	8-7-8-7-11-10-11-9-10-11	
	4210	9-9-7-10-8-7-6-6-3-10	
	4220	9-5-4-3-8-7-10-9-8-10	Circ. @ 4220
	4230	6-5-9-9-10-10-9-9-8-7	
	4240	8-8-8-8-9-10-9-8-6-6	
	4250	10-10-10-10-7-7-6-8-8-4	
	4260	5-8-5-3-1 $\frac{1}{2}$ -6 $\frac{1}{2}$ -3-1-1-2	Circ. @ 4256
	4270	2-2-7-7-6-8-5-4-5-8	Circ. @ 4265
	4280	7-3-3-7-5-4-8-10-2-14	Circ. @ 4276
	4290	13-10-11-12-10-9-9-9-8-8	
4290	4300	7-9-10-9-9-9-9-10-9-9	
	4310	6-5-4-5-7-13-11-10-12-12	Circ. @ 4306
	4320	5-6-8-8-7-6-10-5-6-6	
	4330	5-5-5-3-11-15-14-14-12-16	
	4340	22-28-7-4-5-4-5-6-6-5	Trip @ 4337
	4350	5-4-5-6-4-4-4-4-4-4	
	4360	7-5-6-7-7-6-7-6-6-5	
	4370	7-6-4-4-4-4-5-15-20-19	

DEPTH	TIME	REMARKS
4370	4380 10-8-10-10-7-8-10-11-10-10	Trip @ 4371
	4390 11-10-10-11-10-11-11-10-10-10	
4390	4400 11-10-11-10-9-10-10-11-12-15	
	4410 14-12-11-10-10-10-10-11-10-11	
	4420 10-11-10-10-10-11-11-11-11-10	
	4430 10-10-10-10-10-10-10-10-13-11	
	4440 11-11-11-10-10-11-6-11-10-10	
	4450 11-10-10-11-10-8-8-8-7-6	
	4460 7-10-7-6-5-5-6-6-6-7	
	4470 9-8-7-4-4-8-9-8-7-9	Circ. @ 4462
	4480 7-6-8-9-9-9-10-10-9-8	
	4490 8-9-8-8-6-6-5-9-7-8	
4490	4500 6-5-6-5-6-6-6-3-3-3	
	4510 2-2-3-4-3-8-10-9-7-9	
	4520 10-11-10-13-10-11-10-8-10-7	
	4530 10-9-1-1-1-1-1-1-1-4	
	4540 1-1-8-11-9-6-6-1-1-7	
	4550 1-4-3-4-3-5-14-12-5-3	Trip @ 4548
	4560 3-3-2-1-1-1-2-3-1-2	
	4570 2-1-2-1-3-2-5-2-2-3	
	4580 5-1-1-2-1-12-13-9-10-5	
	4590 4-5-5-4-4-3-4-3-3-2	Circ. @ 4588
4590	4600 4-6-5-8-8-2-2-3-5-6	
	4610 5-6-5-4-5-5-6-4-4-8	
	4620 8-5-5-4-4-3-3-4-3-3	
	4630 4-8-5-3-8-9-10-11-10-12	
	4640 13-17-18-16-18-22-28-28-20	