

Depth (FBS)	Depth (m)	TG1 Lithography	10-Feb		6-Mar	
			°C	°F	°C	°F
-50	-15.24	Mancos				
-75	-22.86	Mancos				
-100	-30.48	Mancos	13.83	56.90		
-125	-38.1	Mancos	14.36	57.85	13.834	56.90
-150	-45.72	Mancos	15.03	59.06	14.29	57.72
-175	-53.34	Mancos	16.03	60.86	14.912	58.84
-200	-60.96	Mancos	16.70	62.06	15.986	60.77
-225	-68.58	Mancos	17.46	63.43	16.701	62.06
-250	-76.2	Mancos	18.15	64.67	17.344	63.22
-275	-83.82	Mancos	18.87	65.96	18.033	64.46
-300	-91.44	Mancos	19.65	67.37	18.842	65.92
-325	-99.06	Mancos	20.39	68.70	19.746	67.54
-350	-106.68	Mancos	20.98	69.77	20.341	68.61
-375	-114.3	Dakota	21.29	70.33	20.936	69.68
-400	-121.92	Dakota	21.58	70.85	21.27	70.29
-425	-129.54	Dakota	21.92	71.45	21.51	70.72
-450	-137.16	Dakota	22.32	72.18	21.87	71.36
-475	-144.78	Dakota	22.66	72.78	22.20	71.96
-500	-152.4	Dakota	22.99	73.39	22.61	72.70
-525	-160.02	Dakota	23.35	74.03	22.90	73.21
-550	-167.64	Dakota	23.62	74.51	23.28	73.90
-575	-175.26	Morrison	23.95	75.12	23.55	74.38
-600	-182.88	Morrison	24.32	75.77	23.88	74.99
-625	-190.5	Morrison	24.68	76.42	24.20	75.55
-650	-198.12	Morrison	24.97	76.94	24.53	76.16
-675	-205.74	Morrison	25.31	77.55	24.80	76.64
-700	-213.36	Morrison	25.79	78.43	25.14	77.25
-725	-220.98	Morrison	26.18	79.13	25.55	77.99
-750	-228.6	Morrison	26.50	79.70	25.94	78.69
-775	-236.22	Morrison	26.79	80.23	26.30	79.35
-800	-243.84	Morrison	27.19	80.93	26.60	79.88
-825	-251.46	Morrison	27.65	81.78	26.97	80.54
-850	-259.08	Morrison	28.32	82.98	27.36	81.24
-875	-266.7	Morrison	28.72	83.69	27.78	82.00
-900	-274.32	Morrison	29.22	84.59	28.42	83.15
-925	-281.94	Morrison	29.74	85.53	28.79	83.82
-950	-289.56	Morrison	30.22	86.39	29.32	84.77
-975	-297.18	Morrison	30.60	87.07	29.82	85.67
-1000	-304.8	Morrison	30.90	87.62	30.27	86.48
-1025	-312.42	Morrison	30.93	87.67	30.62	87.12
-1050	-320.04	Morrison	31.79	89.22	31.00	87.80
-1075	-327.66	Morrison	32.30	90.15	31.43	88.58
-1100	-335.28	Morrison	32.79	91.03	31.84	89.32
-1125	-342.9	Morrison	33.31	91.96	32.30	90.15
-1150	-350.52	Morrison	33.81	92.86	32.77	90.98
-1175	-358.14	Morrison	34.18	93.52	33.29	91.92
-1200	-365.76	Morrison	34.62	94.32	33.78	92.81
-1225	-373.38	Morrison	34.97	94.94	34.20	93.56
-1250	-381	Morrison	35.24	95.42	34.60	94.28
-1275	-388.62	Morrison	35.50	95.90	35.00	94.99
-1300	-396.24	Morrison	35.80	96.43	35.21	95.37
-1325	-403.86	Morrison	36.12	97.01	35.48	95.86
-1350	-411.48	Morrison	36.36	97.45	35.77	96.39
-1375	-419.1	Wanakah/Entrada	36.55	97.79	36.12	97.01
-1400	-426.72	Wanakah/Entrada	36.72	98.09	36.34	97.40
-1425	-434.34	Wanakah/Entrada	36.77	98.18	36.53	97.75
-1450	-441.96	Wanakah/Entrada	36.77	98.18	36.74	98.14

Depth (FBS)	Depth (m)	TG3 Lithology	11-Feb		20-Feb		2-Mar	
			°C	°F	°C	°F	°C	°F
-50	-15.24	Mancos					11.66	52.99
-75	-22.86	Mancos					11.66	52.99
-100	-30.48	Mancos	12.12	53.82	12.34	54.21	12.05	53.69
-125	-38.1	Mancos	12.51	54.52	12.49	54.47	12.46	54.43
-150	-45.72	Dakota	12.65	54.78	12.63	54.73	12.61	54.69
-175	-53.34	Dakota	12.80	55.04	12.78	55.00	12.73	54.91
-200	-60.96	Dakota	13.04	55.47	12.99	55.39	12.97	55.34
-225	-68.58	Dakota	13.14	55.65	13.11	55.60	13.09	55.56
-250	-76.2	Dakota	13.38	56.08	13.35	56.04	13.33	55.99
-275	-83.82	Dakota	13.52	56.34	13.50	56.29	13.47	56.25
-300	-91.44	Dakota	13.71	56.69	13.69	56.64	13.67	56.60
-325	-99.06	Morrison	14.10	57.38	14.07	57.33	14.05	57.29
-350	-106.68	Morrison	14.31	57.77	14.29	57.72	14.27	57.68
-375	-114.3	Morrison	14.65	58.37	14.60	58.28	14.55	58.20
-400	-121.92	Morrison	14.86	58.76	14.82	58.67	14.79	58.63
-425	-129.54	Morrison	15.01	59.01	14.94	58.88	14.96	58.93
-450	-137.16	Morrison	15.37	59.66	15.37	59.66	15.37	59.66
-475	-144.78	Morrison	15.96	60.73	15.41	59.75	15.89	60.60
-500	-152.4	Morrison	16.44	61.59	15.87	60.56	16.39	61.51
-525	-160.02	Morrison	16.82	62.28	16.39	61.51	16.80	62.23
-550	-167.64	Morrison	17.06	62.70	16.80	62.23	17.03	62.66
-575	-175.26	Morrison	17.37	63.26	17.03	62.66	17.39	63.30
-600	-182.88	Morrison	17.58	63.65	17.39	63.30	17.61	63.69
-625	-190.5	Morrison	17.96	64.33	17.58	63.65	17.94	64.29
-650	-198.12	Morrison	18.30	64.93	17.96	64.33	18.32	64.97
-675	-205.74	Morrison	18.53	65.36	18.30	64.93	18.56	65.40
-700	-213.36	Morrison	18.94	66.09	18.56	65.40	18.94	66.09
-725	-220.98	Morrison	19.34	66.81	18.94	66.09	19.34	66.81
-750	-228.6	Morrison	19.75	67.54	19.34	66.81	19.70	67.46
-775	-236.22	Morrison	20.06	68.10	19.75	67.54	20.03	68.06
-800	-243.84	Morrison	20.41	68.74	20.06	68.10	20.41	68.74
-825	-251.46	Morrison	20.67	69.21	20.41	68.74	20.67	69.21
-850	-259.08	Morrison	20.89	69.60	20.67	69.21	20.91	69.64
-875	-266.7	Morrison	21.27	70.29	20.89	69.60	21.29	70.33
-900	-274.32	Morrison	21.56	70.80	21.29	70.33	21.56	70.80
-925	-281.94	Morrison	21.75	71.15	21.56	70.80	21.77	71.19
-950	-289.56	Morrison	22.18	71.92	21.75	71.15	22.18	71.92
-975	-297.18	Morrison	22.56	72.61	22.18	71.92	22.56	72.61
-1000	-304.8	Morrison	22.82	73.08	22.56	72.61	22.85	73.13
-1025	-312.42	Morrison	23.06	73.52	22.82	73.08	23.09	73.56
-1050	-320.04	Morrison	23.21	73.77	23.06	73.52	23.26	73.86
-1075	-327.66	Morrison	23.50	74.29	23.23	73.82	23.52	74.34
-1100	-335.28	Morrison	23.88	74.99	23.50	74.29	23.86	74.94
-1125	-342.9	Wanakah/Entrada	24.10	75.38	23.86	74.94	24.10	75.38
-1150	-350.52	Wanakah/Entrada	24.27	75.68	24.10	75.38	24.29	75.72
-1175	-358.14	Wanakah/Entrada	24.48	76.07	24.27	75.68	24.48	76.07
-1200	-365.76	Wanakah/Entrada	24.70	76.46	24.48	76.07	24.70	76.46
-1225	-373.38	Wanakah/Entrada	24.87	76.77	24.73	76.51	24.90	76.81
-1250	-381	Wanakah/Entrada	25.09	77.16	24.90	76.81	25.11	77.20
-1275	-388.62	Wanakah/Entrada	25.26	77.46	25.09	77.16	25.31	77.55
-1300	-396.24	Wanakah/Entrada	25.48	77.86	25.28	77.51	25.48	77.86
-1325	-403.86	Wanakah/Entrada	25.65	78.16	25.48	77.86	25.70	78.25
-1350	-411.48	Wanakah/Entrada	25.84	78.51	25.67	78.21	25.87	78.56
-1375	-419.1	Basement	26.04	78.86	25.84	78.51	26.09	78.95
-1400	-426.72	Basement	26.26	79.26	26.04	78.86	26.30	79.35
-1425	-434.34	Basement	26.48	79.66	26.28	79.30	26.52	79.74
-1450	-441.96	Basement	26.74	80.14	26.50	79.70	26.74	80.14

Depth (FBS)	Depth (m)	TG5 Lithology	24-Feb		5-Mar		8-Jun	
			°C	°F	°C	°F	°C	°F
-50	-15.24	Dakota	11.78	53.21			11.151	52.0718
-75	-22.86	Dakota	12.07	53.73			11.175	52.115
-100	-30.48	Dakota	12.24	54.04	12.27	54.08	11.346	52.4228
-125	-38.1	Dakota	12.51	54.52	12.10	53.78	11.662	52.9916
-150	-45.72	Dakota	12.70	54.87	12.17	53.91	11.807	53.2526
-175	-53.34	Dakota	12.90	55.21	12.34	54.21	11.977	53.5586
-200	-60.96	Dakota	13.19	55.73	12.58	54.65	12.219	53.9942
-225	-68.58	Morrison	13.45	56.21	12.94	55.30	12.534	54.5612
-250	-76.2	Morrison	13.71	56.69	13.28	55.91	12.775	54.995
-275	-83.82	Morrison	13.91	57.03	13.38	56.08	12.968	55.3424
-300	-91.44	Morrison	14.67	58.41	13.91	57.03	13.666	56.5988
-325	-99.06	Morrison	14.53	58.15	13.98	57.16	13.69	56.642
-350	-106.68	Morrison	14.84	58.71	14.36	57.85	14.074	57.3332
-375	-114.3	Morrison	15.15	59.27	14.70	58.45	14.409	57.9362
-400	-121.92	Morrison	15.58	60.05	15.10	59.19	14.912	58.8416
-425	-129.54	Morrison	15.72	60.30	15.49	59.87	15.247	59.4446
-450	-137.16	Morrison	16.25	61.25	15.92	60.65	15.7	60.26
-475	-144.78	Morrison	16.30	61.33	16.34	61.42	16.177	61.1186
-500	-152.4	Morrison	16.68	62.02	16.77	62.19	16.582	61.8476
-525	-160.02	Morrison	17.08	62.75	17.18	62.92	17.439	63.3902
-550	-167.64	Morrison	17.49	63.47	17.61	63.69	17.486	63.4748
-575	-175.26	Morrison	17.89	64.20	18.01	64.42	17.915	64.247
-600	-182.88	Morrison	18.25	64.84	18.34	65.02	18.247	64.8446
-625	-190.5	Morrison	18.51	65.32	18.65	65.57	18.557	65.4026
-650	-198.12	Morrison	18.79	65.83	18.89	66.00	18.794	65.8292
-675	-205.74	Morrison	19.03	66.26	19.15	66.47	19.056	66.3008
-700	-213.36	Morrison	19.32	66.77	19.39	66.90	19.294	66.7292
-725	-220.98	Morrison	19.53	67.16	19.58	67.24	19.532	67.1576
-750	-228.6	Morrison	19.67	67.41	20.01	68.01	19.912	67.8416
-775	-236.22	Morrison	20.15	68.27	20.46	68.83	20.365	68.657
-800	-243.84	Morrison	20.60	69.09	20.82	69.47	20.77	69.386
-825	-251.46	Morrison	20.96	69.73	21.13	70.03	21.079	69.9422
-850	-259.08	Morrison	21.25	70.24	21.32	70.37	21.294	70.3292
-875	-266.7	Morrison	21.37	70.46	21.65	70.97	21.557	70.8026
-900	-274.32	Morrison	21.72	71.10	21.99	71.58	21.939	71.4902
-925	-281.94	Morrison	22.11	71.79	22.32	72.18	22.274	72.0932
-950	-289.56	Morrison	22.49	72.48	22.61	72.70	22.585	72.653
-975	-297.18	Morrison	22.71	72.87	22.87	73.17	22.872	73.1696
-1000	-304.8	Morrison	22.94	73.30	23.11	73.60	23.088	73.5584
-1025	-312.42	Wanakah/Entrada	23.14	73.64	23.33	73.99	23.304	73.9472
-1050	-320.04	Wanakah/Entrada	23.35	74.03	23.52	74.34	23.521	74.3378
-1075	-327.66	Wanakah/Entrada	23.57	74.42	23.71	74.68	23.713	74.6834
-1100	-335.28	Wanakah/Entrada	23.76	74.77	23.91	75.03	23.905	75.029
-1125	-342.9	Wanakah/Entrada	23.95	75.12	24.12	75.42	24.098	75.3764
-1150	-350.52	Wanakah/Entrada	24.12	75.42	24.34	75.81	24.315	75.767
-1175	-358.14	Wanakah/Entrada	24.36	75.85	24.58	76.25	24.532	76.1576
-1200	-365.76	Wanakah/Entrada	24.68	76.42	24.80	76.64	24.75	76.55
-1225	-373.38	Basement	24.87	76.77	25.02	77.03	25.016	77.0288
-1250	-381	Basement	25.07	77.12	25.26	77.46	25.21	77.378
-1275	-388.62	Basement	25.33	77.60	25.45	77.82	25.404	77.7272
-1300	-396.24	Basement	25.53	77.95	25.67	78.21	25.647	78.1646
-1325	-403.86	Basement	25.79	78.43	25.91	78.65	25.841	78.5138
-1350	-411.48	Basement	25.99	78.78	26.11	79.00	26.061	78.9098
-1375	-419.1	Basement	26.18	79.13	26.28	79.30	26.256	79.2608
-1400	-426.72	Basement	26.33	79.39	26.52	79.74	26.426	79.5668

Depth (ft)	Depth (m)	Formation	29-Jun		7-Jul	
			°C	°F	°C	°F
0	0	Surface Clay	31.689	89.0402	18.8	65.8724
-10	-3.048	Surface Clay	23.376	74.0768	17.8	63.9896
-20	-6.096	Mancos	16.034	60.8612	17.0	62.5334
-30	-9.144	Mancos	15.438	59.7884	16.5	61.6766
-40	-12.192	Dakota	14.457	58.0226	16.2	61.1618
-50	-15.24	Dakota	13.882	56.9876	15.9	60.5606
-60	-18.288	Dakota	13.81	56.858	15.5	59.9162
-70	-21.336	Dakota	13.618	56.5124	15.1	59.2286
-80	-24.384	Dakota	13.618	56.5124	14.8	58.5824
-90	-27.432	Dakota	13.473	56.2514	14.5	58.1522
-100	-30.48	Dakota	13.353	56.0354	14.3	57.722
-110	-33.528	Dakota	13.233	55.8194	14.1	57.29
-120	-36.576	Dakota	13.161	55.6898	13.9	56.9444
-130	-39.624	Dakota	13.04	55.472	13.6	56.5556
-140	-42.672	Dakota	12.92	55.256	13.5	56.2514
-150	-45.72	Dakota	12.678	54.8204	13.3	55.949
-160	-48.768	Dakota	12.558	54.6044	13.0	55.4288
-170	-51.816	Dakota	12.558	54.6044	13.0	55.3856
-180	-54.864	Dakota	12.582	54.6476	12.9	55.2992
-190	-57.912	Dakota	12.582	54.6476	12.9	55.256
-200	-60.96	Dakota	12.654	54.7772	12.9	55.256
-210	-64.008	Dakota	12.799	55.0382	12.9	55.256
-220	-67.056	Dakota	12.799	55.0382	12.9	55.2992
-230	-70.104	Dakota	13.112	55.6016	13.0	55.472
-240	-73.152	Dakota	13.185	55.733	13.1	55.5584
-250	-76.2	Dakota	13.185	55.733	13.1	55.6466
-260	-79.248	Morrison	13.185	55.733	13.1	55.6466
-270	-82.296	Morrison	13.281	55.9058	13.2	55.7762
-280	-85.344	Morrison	13.281	55.9058	13.3	55.8626
-290	-88.392	Morrison	13.257	55.8626	13.3	55.9058
-300	-91.44	Morrison	13.353	56.0354	13.4	56.0354
-310	-94.488	Morrison	13.353	56.0354	13.5	56.2514
-320	-97.536	Morrison	13.425	56.165	13.6	56.426

Temperature measurements were conducted every 10ft due to the shallow depth to which this well was drilled. Approximately the top 150ft of the well have only air in the 2" liner. The liner is not cemented in the borehole, so thermal conductivity relies on the water in the annulus.

Depth (ft)	Depth (m)	20-Jul	
		°C	°F
0	0	27.727	81.9086
-25	-7.62	14.745	58.541
-50	-15.24	13.305	55.949
-75	-22.86	12.92	55.256
-100	-30.48	12.703	54.8654
-125	-38.1	12.606	54.6908
-140	-42.672	12.558	54.6044
-150	-45.72	12.558	54.6044
-160	-48.768	12.558	54.6044
-170	-51.816	12.558	54.6044
-180	-54.864	12.558	54.6044
-190	-57.912	12.582	54.6476
-200	-60.96	12.63	54.734
-210	-64.008	12.703	54.8654
-220	-67.056	12.727	54.9086
-230	-70.104	13.064	55.5152
-240	-73.152	13.088	55.5584
-250	-76.2	13.088	55.5584
-260	-79.248	13.137	55.6466
-270	-82.296	13.209	55.7762
-280	-85.344	13.209	55.7762
-290	-88.392	13.281	55.9058
-300	-91.44	13.401	56.1218
-310	-94.488	13.473	56.2514
-320	-97.536	13.57	56.426

This temperature run was shortened due to time constraints on the day of the measurements. The first 150ft were considered lower value than the last 170 due to the static water level