

RIVERTON

Project

WELL LOG SUMMARY SHEET

Date	Hole No.	Coordinates		Elev. Collar	Depth to Coal	Elev. of Coal	Thick-ness of Coal	Depth of Hole	Cum. Depth	Remarks
		N.	E.							
6/4-5	1	1280	965	170.8	8'	162.8	8'8"	18'3"	18'3"	Hard coal
6/5-6	2	1275	1012	174.3	7'5"	166.9	5'2"	24'9"	43'	Upper soft broken coal. Lower hard coal.
6/7	3	1288	1060	174.9	18'9"	156.1	6'3"	26'	69'	Broken coal and clay.
6/8	4	1420	960	156.9	9'8"	147.2	3'9"	13'5"	82'5"	Broken dirty coal.
6/9	5	1380	965	165.4		-140.4		25'	107'5"	Traces at 15-21'.
6/9	6	1325	960	165.4	6'6"	158.9	6"	18'8"	126'1"	
6/9	7	1225	960	179.7	12'3"	167.5	2'9"	16'9"	142'10"	Hard coal.
6/10	8	1500	900	147.6		-138.5		8'	150'10"	Open cuts & hole.
6/10	9-a	2295	450	95		-84		9'	159'10"	
6/10	9-b	2310	425	104		-95		9'	168'10"	
6/10	9-c	2255	440	95		-84				
6/11-12	10	1500	700	172	7'9"	164.3	6'3"	16'9"	185'7"	2'6" soft coal. 3'4" hard coal.
6/11-12	11	1290	600	180.1	23'	157.1	5'9"	31'8"	217'3"	2'7" soft coal. 3'2" hard coal.
6/12	12	1390	690	162	10'9"	151.3	4'1"	17'6"	234'9"	All hard coal.
6/14	13	1400	600	175	22'9"	152.3	3'7"	26'6"	261'3"	Hard coal.

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6/12 ?L	14	1510	600	169.4	27'7"	141.9	3'8"	32'7"	293'10"	Broken coal.
6/12	15	1450	700	149		-140		9'	302'10"	
6/21	16	1700	600	151.6	28'5"	123.2	4'11"	33'10"	336'8"	Hard coal.
6/22	17	1700	500	152	28'8"	118.4	2'11"	33'7"	370'3"	Hard coal.
6/23	18	1700	400	151	26'7"	124.4	4'7"	32'3"	402'6"	Hard coal.
6/25	19	1700	800	127		-104		33'	435'6"	
6/26	20	1700	900	136		-113		23'	458'6"	Peaty matter 10-18'
6/28	21	1700	700	147		-111.3		35'8"	494'2"	
6/29	22	1800	605	132.9	17'6"	115.4	1'	29'8"	523'10"	
6/29	23	1495	695	150	21'7"	128.4	3'2"	25'9"	549'7"	Very hard coal.
6/29	24	1910	600	111.6	18'	93.5	7'	18'	567'7"	Hard coal.
	25	1200	600	183.3	20'	163.3	1'	30'	597'7"	Soft coal.
	26	1080	618	192.1	13'9"	178.4	4'	22'7"	620'2"	Broken coal & clay mixed.
	27	1030	718	170	21'	149	1'	25'6"	645'8"	
7/2	28	765	500	200	4'3"	195.8	3'7"	10'8"	656'4"	Hard coal.

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		N.	E.							
	29	610	545	229.2	12'11	216.3	2'4	15'3	671'7	Soft to hard coal.
	30	770	640	192.7	192.7	176.3		16'4	687'11	Peat 10-16'
	30-A	540	625	222.5	5'1	217.5	1'	8'2	696'1	Fairly hard coal.
	31	498	685	222.6		-219		3'	699'1	
7/8	32	1715	180	141.3	3'3	138	4'2	10'8	709'9	Very hard coal.
7/7	33	1635	205	143.5	1'8	141.9	6'7	8'11	718'8	Hard coal.
7/7	34	1440	300	153.9		-140'11		13'	731'8	
7/7	35	1315	375	175	1'3	173.8	4'7	6'	735'8	Very hard coal.
	36	1420	198	172	3'4	168.8	1'5	5'4	743	Hard coal.
7/7	37	1380	170	187.3	3'4	183	10"	5'3	748'5 762'7	
7/8-9	38	1360	240	179.7	12'	167.7	2'	14'2	762'7	Hard coal.
7/8	39	1340	135	211	4'11 13'7	206.1 216.8	1'3	10'11	773'6	Hard coal.
7/8	40	1302	102	227.7	13'7	216.9	2'8	16'9	790'3	Hard coal.
7/8	41	1452	238	169	11'7	157.4	6"	13'	803'3	
7/9	42	1490	270	154.4	8'3	146.2	5'10	14'3	817'6	Hard coal.

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		N.	E.							
7/11-14	43	1525	298	158		132		25'7"	843'3"	
" " "	44	1562	328	168		-137		31'	874'3"	
7/9	45	1600	352	167.2	24'6"	142.8	2'6"	31'5"	905'7"	
7/10	46	1255	250	193.6	12'10"	180.8	2'7"	15'9"	921'4"	Broken coal.
7/10	47	1275	360	188.8		-172.8		16'	937'4"	
7/10	48	1118	310	206.6	30'	176	2'6"	38'	975'4"	
7/10	49	1265	301	189		-167		21'10"	997'2"	
7/10	50	1065	465	198.4		-176.4		30'	1028'2"	
7/12	51	1022	370	210.5		191		19'6"	1047'8"	
7/12	52	1345	205	220.9		199'11"		21'	1068'9"	Two benches.
	53	1904	209	126.9	4'	122.9	4'	10'	1078'9"	Two benches.
	54	1954	209	123.6	4'	119'7"	?	4'	1082'9"	
	55	2010	220	122.4	4'2"	118.3	?	4'2"	1086'10"	
	56	2060	260	123'3"		-114.3		9'	1095'10"	
	57	2072	307	118.6	7'	111.7	?	7'	1102'10"	

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		N.	E.							
7/12	58	2314	500	84.7		-75.9		9'	1111'10	
7/12	59	2345	536	82.4		75.4		7'	1118'10	
7/12	60	2402	528	81.2		74.2		7'	1125'10	
	61	1390	352	167'		-151		16'	1141'10	
	62	1400	292	166.7		-159.2		12'9	1154'7	
	63	1722	180	147	6'	141	2'	8'	1162'7	Drilled only to top of hard coal.
7/13	64	1637	220	145.8	9'8	136.1	?	9'8	1172'3	Drilled to top of coal.
7/13	65	1579	253	151		-137		14'	1186'3	
7/13	66	1565	235	158.6	18'	140.6		18'	1204'3	Drilled to top of coal.
7/13	67	1590	272	152.4		-142		10'6	1214'9	
7/14	68	1713	193	146.7	5'2	141.5	3'4	8'6	1233'3	Drilled to top of hard coal.
7/14	69	1732	158	142	8'4	133.7	1'1	10'	1243'3	Hard coal.
7/14	70	1630	180	156.7	6'	150.8	?	5'8"	1248'11	Drilled to top of hard coal.
7/14	71	1595	185	157	3'6	153'1	3"	3'9	1252'8	Coal very thin.
7/14	72	1575	160	168	7'6	161.2	6"	8'2	1260'10	Coal very thin.

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		N.	E.							
7/16	73	1600	200	150		-147		3'	1263'10	
7/16	74	1600	100	188.6		-174		14'6	1278'4	Coal and clay 11' to 13'.
7/16	75	1500	200	171.6	7'5	164.1	1'7	9'	1287'4	Hard coal.
7/16	76	1700	100	169		-161.3		7'9	1295'1	
7/16	77	1800	100	156		-142.9		13'2	1308'3	
7/16	78	1500	100	205.6		-193.2		12'6	1320'9	
7/17	79	1400	100	213.3		-200.3		13	1333'9	
7/17	80	1500	250	160 <del>2</del>	12'6	147.5	3'3	15'11	1349'8	Soft coal.
7/21	81	1795	165	140	5'3	134'9	4'	9'	1358'8	Hard coal.
7/21	82	1782	188	148.4	12'	136.6	?	12'	1370'8	Drilled to top of coal.
7/21	83	1300	200	202		-197		5'	1375'8	
7/21	84	1775	212	154.3	14'8	139.6	10'4	25'1	1400'9	Soft coal 6' Hard coal 4'4
7/21- 22	85	1755	238	155.4	13'7	141'10	7'3	24'1	1424'10	Hard coal.
7/22	86	1740	255	160.4	20'9	139.5	12'4	33'1	1457'11	Broken coal.
7/	87	1812	395	138.4	31'	107.3	1'6	33'6	1491'5	

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		N.	E.							
7/23	88	1725	278	164.2	20'1	135.9	8'7	28'9	1520'1	Broken coal with some partings.
7/23	89	1700	250	160.8	23'11	136'11	8'4	32'6	1552'7	Good coal.
7/23	90	1700	300	167	30	137	5'	38'	1590'7	
8/12	91	1600	600	163.45		-127		35'10	1626'5	
8/12	92	1500	500	171		-159		29'9	1656'2	
8/17	93	1000	1100	195 $\frac{1}{2}$		-178	$\frac{1}{2}$ "	18'6	1686'11	Trace of coal at 17'.
8/17	94	1000	1000	197 $\frac{1}{2}$		-178		19'	1705'11	Peat from 7 to 11'.
8/18	95	1000	900	198 $\frac{1}{2}$	14'4		Tr.	20'6	1726'5	Trace of coal at 14'4".
10/6	96	2000	200	129	6'	116	6'	16'	1742'5	Mostly hard coal.
10/6	97	2100	200	134	15'	112	5'	22'	1764'5	Mostly hard coal.
10/7	98	2100	300	129	15'	114	4'	22'6	1786'11	Soft coal; some clay
10/7	99	2200	300	119.5		-87.5		32'	1838'11	
10/7	100	1400	400	176	13'6	160.5	5'6	22'	1860'11	Hard coal.
10/7	101	1500	400	177		-145		32'	1892'11	
10/8	102	2200	200	134	22'	112	Tr.	28'	1920'11	Traces only.

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		N.	E.							
10/9	103	1600	500	177		-144		33	1953' 11	
10/9	104	1400	500	181		-152		29'	1982' 11	
10/9	105	2300	200	126'	11'	115'	6'	18'	2000' 11	Broken coal & clay.
10/11	106	1300	500	182'	16'	166'	6'	28'	2028' 11	
10/11	107	1800	400	186		-149		37'	2065' 11	
10/11	108	2200	400	105		-86'		19'	2084' 11	
10/12	109	1200	400	188'		-157.5		31'	2115' 11	
10/12	110	1200	500	189		-166		23'	2138' 11	
10/13	111	2100	400	117	20'	97'	4'	27'	2165' 11	
10/15	112	2000	400	130'	25'	105	4'	32'	2197' 11	
10/16	113	1200	700	172'	18'	154'	6"	28'	2225' 11	Traces of coal and brown clay.
10/16	114	1200	900	180'		-153		27'	2252' 11	
10/16	115	2000	300	129'	19'	110'	1'6"	25'6"	2278' 5	
10/16	116	2300	300	104.8		-70.8		34'	2312' 5	
10/16	117	1200	800	169'	7'	162	3'	25'	2337' 5	



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		N.	E.							
10/19	118	1100	900	204'		-179'		25'	2362'5	
10/19	119	2300	400	105		-81'		24'	2386'5	
10/20	120	1900	400	140'	25'	115'	5'	33'	2419'5	
10/20	121	1800	300	151	17'	134'	8'	28'	2447'5	
10/22	122	1900	300	140.4	24'	116.4	1'1	27'	2474'5	
10/22	123	1800	500	143.9	31'	112.9	5'	38'	2512'5	
10/23	124	2100	500	118		-91		27'	2539'5	
10/23	125	1900	500	140'	35'	105'	5'	47'	2586'5	
10/25	126	2000	500	132 $\frac{1}{2}$		-91'		41'	2627'5	
10/25	127	1900	100	150'	5'	145'	1'6"	10'	2637'5	
10/25	128	1985	580	116'	15'	101'	3'	21'	2708'5	
10/25	129	2085	610	125'		80'		45'	2753'5	
10/26	130	2000	100	154.3		-136.3		18'	2771'5	
10/28	131	2100	105	150		-128		22'	2793'5	
10/27	132	2200	100	138.4	7'	126.4	1'6	12'	2807'5	

