POWERTECH (USA) INC.

APPENDIX 2.2-A

WELL LOCATION DATA

POWERTECH (USA) INC.

Table 1. Locations of All Wells in the Dewey-Burdock Database (Page 1 of 9)

Well I.D.	Legal Location				SD State Plane 1983		Elevation (ft)	Aquifer
	T.	R.	Sec.	Qrt Qrt	East (ft)	North (ft)		
1	7	1	9	SESE	996095.098	429227.773	3,624	Lakota
2	7	1	16	SESE	995122.6159	423922.589	3,554	Lakota
3	7	1	22	SWNW	ND	ND	ND	Lakota
4	7	1	15	SESE	1000915.012	423080.6142	3,580	unknown
5	7	1	14	NENW	1003580.429	427284.2174	3,643	Lakota
6	7	1	14	NESE	1005616.918	425012.4771	3,671	unknown
7	7	1	23	NWNW	1001702.774	422416.855	3,574	Fall River
8	7	1	23	SWSE	1004451.179	418514.8505	3,558	Fall River
9	7	1	23	NENE	ND	ND	ND	Fall River
10	7	1	13	NENE	ND	ND	ND	Lakota
11	7	1	24	NWSW	ND	ND	ND	Sundance/Unkpapa
12	7	1	4	SESE	995376.7972	434378.5136	3,641	Lakota
13	7	1	4	NENE	996758.8703	438470.3951	3,673	Lakota
14	7	1	2	NWSW	1002098.748	434723.4041	3,672	Lakota
15	7	1	2	NENW	1003703.016	438317.4124	3,713	Lakota
16	7	1	1	NESW	1009827.637	434446.9008	3,869	Lakota
17	7	1	12	SENW	1008622.303	431329.1544	3,789	Fall River
18	7	1	9	SWSW	991210.5573	428960.1458	3,566	Fall River
19	7	1	18	SWNW	ND	ND	ND	Fall River
20	7	1	17	SWSW	986070.6362	424628.3007	3,563	Fall River
21	7	1	19	SWNW	980440.6072	421760.0599	3,569	Fall River
22	40	60	27	NWSW	ND	ND	ND	unknown
23	7	1	29	NWNW	985974.1188	416755.5806	3,590	Fall River
24	7	1	28	NWNE	993100.2648	417036.9282	3,563	Fall River
25	7	1	27	NWSE	ND	ND	ND	Fall River
26	7	1	35	SWNE	1003612.929	410375.132	3,549	Fall River
27	7	1	33	SWSE	ND	ND	ND	Lakota
28	8	2	22	NESW	ND	ND	ND	unknown
29	8	2	16	NENW	ND	ND	ND	unknown
30	7	2	31	SESE	ND	ND	ND	unknown
31	7	2	31	SWNW	ND	ND	ND	Lakota
32	7	2	30	SWSW	ND	ND	ND	Lakota
33	7	1	25	NWSE	ND	ND	ND	Fall River
34	7	2	30	NWNW	ND	ND	ND	unknown
35	7	2	19	NWSE	ND	ND	ND	Lakota
36	7	2	30	NWNE	ND	ND	ND	Lakota

POWERTECH (USA) INC.

Table 1. Locations of All Wells in the Dewey-Burdock Database (Page 2 of 9)

Well I.D.	Legal Location				SD State Plane 1983		Elevation (ft)	Aquifer
	T.	R.	Sec.	Qrt Qrt	East (ft)	North (ft)		
37	7	2	18	NWSW	1012581.749	423947.5161	3,689	unknown
38	6	1	33	NWNW	992726.8917	442289.5946	3,634	Lakota
39	6	1	29	NENE	ND	ND	ND	unknown
40	6	1	30	SWNW	981813.9304	447183.2347	3,635	Other Inyan Kara
41	6	1	31	SWNE	983783.722	442081.4368	3,611	Alluvial
42	7	1	5	SWNE	989542.8678	436481.4222	3,596	Lakota
43	6	1	34	SWSE	999521.6678	439436.2184	3,672	Lakota
44	7	2	31	NWSE	ND	ND	ND	Fall River
45	8	2	5	NWNW	ND	ND	ND	Fall River
46	7	2	31	SWNE	ND	ND	ND	Fall River
47	7	2	32	SWSW	ND	ND	ND	Fall River
48	6	1	19	SENW	ND	ND	ND	Lakota
49	6	1	32	NWNW	987330.6151	444022.8154	3,628	Fall River
50	41	60	28	SWNW	ND	ND	ND	Lakota
51	7	1	9	SENE	995810.3298	431486.9525	3,615	Lakota
52	7	2	30	NESE	ND	ND	ND	unknown
53	7	2	30	SWNE	ND	ND	ND	unknown
54	7	1	25	NWSE	ND	ND	ND	Fall River
55	7	1	36	NWNE	ND	ND	ND	Fall River
56	7	2	32	SESE	ND	ND	ND	Lakota
57	8	2	5	NESE	ND	ND	ND	Lakota
58	7	1	31	NWNE	ND	ND	ND	Fall River
59	8	2	5	NENW	ND	ND	ND	Fall River
60	7	2	33	NWSE	ND	ND	ND	unknown
61	7	1	11	NWSE	1005230.856	429987.4356	3,740	Lakota
62	7	1	25	SWSW	ND	ND	ND	unknown
63	7	1	36	NESW	ND	ND	ND	Fall River
64	8	2	9	SWNE	ND	ND	ND	unknown
65	8	2	9	NWNE	ND	ND	ND	unknown
66	8	2	8	NENW	ND	ND	ND	unknown
67	8	2	8	SENW	ND	ND	ND	unknown
68	8	2	8	NENE	ND	ND	ND	Lakota
69	7	1	25	SWSE	ND	ND	ND	Fall River
70	7	1	25	NESW	ND	ND	ND	Other Inyan Kara
71	8	2	6	NWSE	ND	ND	ND	Fall River
72	8	2	6	NWSE	ND	ND	ND	Fall River

POWERTECH (USA) INC.

Table 1. Locations of All Wells in the Dewey-Burdock Database (Page 3 of 9)

Well I.D.	Legal Location				SD State Plane 1983		Elevation (ft)	Aquifer
	T.	R.	Sec.	Qrt Qrt	East (ft)	North (ft)		
73	8	2	6	NESW	ND	ND	ND	Lakota
74	8	2	6	NESW	ND	ND	ND	Fall River
75	8	2	17	SWSW	ND	ND	ND	Fall River
76	8	2	17	SENW	ND	ND	ND	Fall River
77	8	2	17	NWNE	ND	ND	ND	Fall River
78	8	2	20	NWSE	ND	ND	ND	Fall River
79	8	2	27	NESE	ND	ND	ND	Fall River
80	8	2	35	SWNW	ND	ND	ND	Lakota
81	8	2	14	SWNW	ND	ND	ND	Lakota
82	8	2	10	SWSW	ND	ND	ND	Fall River
83	8	2	14	NESW	ND	ND	ND	Fall River
84	8	2	10	SWNW	ND	ND	ND	Fall River
85	8	2	28	NESE	ND	ND	ND	Fall River
86	8	2	6	NWSW	ND	ND	ND	Fall River
87	8	1	1	SENE	ND	ND	ND	Fall River
88	7	1	35	SESE	1005216.386	408176.9195	3,554	Fall River
89	8	1	11	NWNE	ND	ND	ND	Lakota
90	8	2	23	SENW	1033574.095	387507.8887	3,572	unknown
91	8	2	12	SENW	ND	ND	ND	Fall River
92	8	2	23	SESW	ND	ND	ND	Fall River
93	8	2	2	SWNE	ND	ND	ND	Lakota
94	7	2	34	SWSW	ND	ND	ND	Lakota
95	40	61	25	SESE	ND	ND	ND	Fall River
96	41	60	22	SWSW	980028.4941	451854.1002	3664	Lakota
98	41	60	17	SWNW	ND	ND	ND	unknown
99	41	60	17	NENE	ND	ND	ND	Lakota
100	41	60	7	NWSE	ND	ND	ND	Lakota
102	6	1	18	SWNE	ND	ND	ND	Lakota
103	41	60	10	NWNW	ND	ND	ND	Lakota
104	41	60	10	NWSW	ND	ND	ND	Lakota
105	41	60	9	SENW	ND	ND	ND	Lakota
106	6	1	18	NENE	ND	ND	ND	unknown
107	6	1	18	SWNE	ND	ND	ND	Fall River
108	6	1	18	SWNE	ND	ND	ND	Fall River
109	6	1	17	NENW	ND	ND	ND	Lakota
110	6	1	17	NENE	ND	ND	ND	Lakota

POWERTECH (USA) INC.

Table 1. Locations of All Wells in the Dewey-Burdock Database (Page 4 of 9)

Well I.D.	Legal Location				SD State Plane 1983		Elevation (ft)	Aquifer
	T.	R.	Sec.	Qrt Qrt	East (ft)	North (ft)		
111	6	1	17	NWNE	ND	ND	ND	Fall River
112	6	1	16	NWSE	ND	ND	ND	Fall River
113	7	2	6	NESW	1014835.904	434417.4002	3,844	unknown
114	7	2	7	SESW	1013809.661	428653.8989	3,764	Sundance/Unkpapa
115	6	1	18	SENE	986095.9548	457641.2997	3,720	Lakota
116	6	1	18	SENE	ND	ND	ND	Fall River
117	6	1	8	SWSE	ND	ND	ND	unknown
118	6	1	7	NESE	ND	ND	ND	unknown
119	6	1	8	NWNW	ND	ND	ND	unknown
120	6	1	5	NWSW	ND	ND	ND	unknown
121	5	1	31	SWSW	ND	ND	ND	Lakota
122	5	1	30	NENW	ND	ND	ND	unknown
123	42	60	21	NENW	ND	ND	ND	unknown
124	5	1	18	NWSW	ND	ND	ND	unknown
125	6	1	6	SWSW	ND	ND	ND	Fall River
126	41	60	16	SESW	ND	ND	ND	Lakota
127	41	60	7	SWNE	ND	ND	ND	Lakota
131	8	2	4	NWSE	ND	ND	ND	Fall River
132	8	2	4	NWSE	ND	ND	ND	Lakota
134	40	60	29	SWNW	ND	ND	ND	unknown
135	8	2	1	SENW	1039467.842	403141.0347	3,803	Lakota
136	8	2	5	NWNW	ND	ND	ND	unknown
137	7	2	17	SENW	ND	ND	ND	unknown
138	6	1	18	NENE	ND	ND	ND	Fall River
139	41	60	18	SESE	968658.3552	457463.919	3,729	Lakota
140	9	3	19	SWNW	ND	ND	ND	unknown
142	7	2	35	SENW	ND	ND	ND	Fall River
143	8	1	30	SWSE	ND	ND	ND	Fall River
144	9	3	21	SWNE	ND	ND	ND	unknown
145	8	2	3	SWSE	ND	ND	ND	unknown
146	9	2	21	NENW	ND	ND	ND	unknown
147	6	1	17	NESW	989277.4441	456567.2543	3,729	Lakota
200	7	2	13	NESW	ND	ND	ND	Sundance/Unkpapa
201	7	2	13	NESW	ND	ND	ND	Sundance/Unkpapa
202	7	2	13	NESW	ND	ND	ND	Sundance/Unkpapa
203	7	2	12	SWSW	ND	ND	ND	Sundance/Unkpapa

Table 1. Locations of All Wells in the Dewey-Burdock Database (Page 5 of 9)

Well I.D.	Legal Location				SD State Plane 1983		Elevation (ft)	Aquifer
	T.	R.	Sec.	Qrt Qrt	East (ft)	North (ft)		
204	7	2	12	NWSW	ND	ND	ND	Sundance/Unkpapa
205	7	2	12	SWNE	ND	ND	ND	Sundance/Unkpapa
206	7	2	12	SWNE	ND	ND	ND	Sundance/Unkpapa
207	7	2	12	NENE	ND	ND	ND	unknown
208	7	2	2	SWNW	ND	ND	ND	Sundance/Unkpapa
209	7	2	3	NESE	ND	ND	ND	Sundance/Unkpapa
210	7	2	2	SENW	ND	ND	ND	Sundance/Unkpapa
211	7	2	12	NENW	ND	ND	ND	Sundance/Unkpapa
212	8	3	8	NWSE	ND	ND	ND	unknown
213	7	3	20	SWSE	ND	ND	ND	Sundance/Unkpapa
214	7	3	18	SESW	ND	ND	ND	Sundance/Unkpapa
215	6	2	27	SESE	ND	ND	ND	unknown
216	6	2	22	NENE	ND	ND	ND	unknown
220	6	1	19	SENE	986271.136	452335.2311	3,680	unknown
230	7	1	26	SESE	1005735.286	412883.2797	3,514	unknown
270	6	1	19	NW SW	982506.8593	451943.3669	3,659	Other Inyan Kara
401	9	2	1	SWNW	ND	ND	ND	Madison
402	9	2	1	SWNE	ND	ND	ND	Madison
403	9	2	1	NENE	ND	ND	ND	Madison
404	9	2	1	NENE	ND	ND	ND	Madison
405	9	2	1	NENE	ND	ND	ND	Madison
406	8	2	36	NESE	ND	ND	ND	Other Inyan Kara
407	8	3	33	NWSE	ND	ND	ND	Fall River
408	8	2	36	SENE	ND	ND	ND	Fall River
409	8	2	36	SENE	ND	ND	ND	Other Inyan Kara
410	8	3	32	SENW	ND	ND	ND	Lakota
411	8	2	36	NENE	ND	ND	ND	Lakota
412	8	2	27	SWSW	ND	ND	ND	Lakota
413	8	1	30	SENW	ND	ND	ND	Sundance/Unkpapa
414	8	3	27	NWNW	ND	ND	ND	Lakota
415	8	2	27	NESE	ND	ND	ND	Lakota
416	8	3	20	NWSE	ND	ND	ND	Other Inyan Kara
417	8	3	20	NWSE	ND	ND	ND	Fall River
418	8	3	20	SENW	ND	ND	ND	Fall River
419	8	2	23	NWNW	ND	ND	ND	Other Inyan Kara
420	8	3	8	NWSE	ND	ND	ND	Other Inyan Kara

Table 1. Locations of All Wells in the Dewey-Burdock Database (Page 6 of 9)

Well I.D.	Legal Location				SD State Plane 1983		Elevation (ft)	Aquifer
	T.	R.	Sec.	Qrt Qrt	East (ft)	North (ft)		
421	8	2	8	NWNW	ND	ND	ND	Lakota
422	8	2	6	SWSE	ND	ND	ND	Lakota
423	8	2	3	SESW	ND	ND	ND	Sundance/Unkpapa
424	8	3	6	NWSE	ND	ND	ND	Sundance/Unkpapa
425	7	1	14	SENW	ND	ND	ND	Lakota
427	7	2	2	NWNW	ND	ND	ND	Sundance/Unkpapa
429	6	1	20	SENE	ND	ND	ND	Lakota
431	6	1	20	SENE	ND	ND	ND	Lakota
432	6	1	20	SENE	ND	ND	ND	Lakota
433	6	1	20	SENE	ND	ND	ND	Lakota
436	6	1	20	NWNE	990001.6275	454436.5461	3,737	Fall River
440	7	2	3	SWNE	ND	ND	ND	Sundance/Unkpapa
502	6	1	27	NWSE	ND	ND	ND	Alluvial
503	7	1	23	SESE	ND	ND	ND	Sundance/Unkpapa
504	7	1	25	SESE	ND	ND	ND	Fall River
505	7	1	26	NESW	ND	ND	ND	Lakota
506	7	2	8	SWNW	ND	ND	ND	Sundance/Unkpapa
507	7	2	19	NENW	ND	ND	ND	Lakota
508	7	2	19	SWSE	ND	ND	ND	Lakota
510	7	1	12	SESE	1011331.943	428178.1651	3,759	Lakota
601	8	2	23	NWNW	1033082.719	388749.7413	3,615	Fall River
602	8	2	23	NWNW	1033064.956	388798.1063	3,615	Lakota
603	8	2	23	NWNW	1032509.912	388763.8912	3,619	Fall River
605	7	1	10	SWSE	1000213.323	428484.0565	3,642	Other Inyan Kara
606	7	1	11	SWSW	1002111.841	428609.3226	3,668	Lakota
607	7	1	30	SWNW	980219.4441	416377.6182	3,611	Fall River
608	7	1	30	NWNW	980228.9136	416454.5538	3,610	Lakota
609	6	1	29	NWNE	990133.3233	447808.3157	3,702	Lakota
610	6	1	29	NWNE	989998.0402	447969.5677	3,704	Fall River
611	6	1	20	NWNe	990235.5648	453958.8872	3,731	Lakota
612	6	1	20	NWNE	990155.9068	454134.255	3,732	Lakota
613	6	1	20	NWNE	990523.3586	453775.7939	3,738	Fall River
614	6	1	20	NWNE	990583.8178	453770.1565	3,739	Fuson
615	6	1	20	NWNE	990570.9895	453708.8761	3,738	Lakota
616	6	1	20	SWNE	990534.0726	453142.1358	3,745	Lakota
617	6	1	20	NENW	989427.4846	453586.6258	3,723	Lakota

Table 1. Locations of All Wells in the Dewey-Burdock Database (Page 7 of 9)

Well I.D.	Legal Location				SD State Plane 1983		Elevation (ft)	Aquifer
	T.	R.	Sec.	Qrt Qrt	East (ft)	North (ft)		
618	7	1	2	SENE	1006472.742	435906.7583	3,759	unknown
619	7	1	2	NWNW	1003265.119	436729.3703	3,701	Lakota
620	6	1	35	NWNW	1002350.318	443210.0993	3,731	Lakota
621	6	1	27	NWSE	1000329.315	446398.1082	3,717	Alluvial
622	6	1	20	NENE	991174.522	454033.7715	3,747	Fall River
623	6	1	20	NENE	991068.0984	454300.3846	3,750	Lakota
625	41	60	9	SESE	978764.4747	462270.3858	3,816	Fall River
626	41	60	9	SWSE	978610.2151	462329.8362	3,826	Lakota
627	6	1	18	SWNW	983044.3999	458921.5345	3,713	unknown
628	6	1	29	SESE	991052.9337	449402.6524	3,737	Other Inyan Kara
631	6	1	23	SWSW	1002733.997	448993.2386	3,744	Fall River
632	6	1	23	SWNW	1002886.897	453010.3544	3,747	unknown
633	6	1	14	SESW	1004801.912	455118.8232	3,764	unknown
634	6	1	34	NESE	1000900.563	440168.275	3,689	unknown
635	7	1	14	NENW	1004084.632	427130.8303	3,643	Sundance/Unkpapa
636	7	1	11	NESW	1003173.25	429982.3145	3,698	unknown
637	7	1	11	NESE	1006473.976	430320.5883	3,743	unknown
638	7	1	2	NENE	1006668.16	437976.7587	3,791	Fall River
639	7	2	7	SENW	1014103.328	430722.0265	3,771	unknown
640	7	1	12	SESE	1011409.499	427965.0894	3,754	unknown
642	7	1	12	SESE	1011325.121	428042.0134	3,757	unknown
643	7	2	30	SESE	1015635.469	412200.2634	3,575	Lakota
644	7	2	30	SESE	1015632.054	412253.3734	3,575	Fall River
645	7	1	16	NENE	996079.9657	427998.3964	3,609	unknown
646	7	1	15	SWNE	999646.4859	426408.9229	3,611	Fall River
650	7	1	1	SESE	1012338.763	433014.833	3,820	Lakota
651	7	1	14	NWSE	1004407.769	424246.1432	3,600	Lakota
652	7	1	2	NWSE	1004758.754	434742.6477	3,748	Other Inyan Kara
653	7	1	22	NWNE	999078.2979	422487.0492	3,569	unknown
654	6	1	34	NWNE	1000770.962	443410.2383	3,687	Other Inyan Kara
655	6	1	34	NENE	1001852.878	443307.3946	3,719	Other Inyan Kara
656	6	1	31	SENW	982628.247	442000.9299	3,622	unknown
657	6	1	20	NWNE	ND	ND	ND	Lakota
658	7	1	15	SWNE	ND	ND	ND	Lakota
659	7	1	10	SWNE	ND	ND	ND	Fall River
660	7	1	10	SWNE	ND	ND	ND	Lakota

Table 1. Locations of All Wells in the Dewey-Burdock Database (Page 8 of 9)

Well I.D.	Legal Location				SD State Plane 1983		Elevation (ft)	Aquifer
	T.	R.	Sec.	Qrt Qrt	East (ft)	North (ft)		
661	7	1	12	NENW	ND	ND	ND	Lakota
662	7	1	11	SESW	ND	ND	ND	unknown
663	7	1	10	SWSE	ND	ND	ND	Lakota
664	7	1	10	SWSE	ND	ND	ND	Fall River
665	7	1	10	SESE	ND	ND	ND	Fall River
666	7	1	10	SESE	ND	ND	ND	Lakota
668	7	1	15	NWNE	999428.155	427450.3155	3,622	Other Inyan Kara
669	7	1	15	NWNE	ND	ND	ND	Lakota
670	7	1	15	NWNE	ND	ND	ND	Fuson
671	7	1	15	NWNE	ND	ND	ND	Fall River
672	7	1	15	NWNE	ND	ND	ND	Fall River
673	7	1	15	NWNE	ND	ND	ND	Fuson
674	7	1	15	NWNE	ND	ND	ND	Lakota
675	7	2	31	SESE	1015340.264	406352.2188	3,492	Alluvial
676	6	1	34	SESW	999245.0312	439891.6372	3,662	Alluvial
677	7	1	4	SWSW	991925.5409	434077.2303	3,562	Alluvial
678	7	1	9	SWNE	994921.194	431925.7016	3,595	Alluvial
679	6	1	27	NWSE	1000693.36	446245.4324	3,715	Alluvial
680	7	1	11	NESW	1003476.59	429969.0789	3,688	Lakota
681	6	1	32	NWNE	988728.3431	443725.3264	3,624	Fall River
682	7	1	11	SENW	1003535.474	431259.5932	3,720	Lakota
683	6	1	29	NESW	988607.893	446108.0187	3,669	Fall River
684	7	1	11	NESW	1003586.926	429745.8227	3,691	Lakota
685	6	1	32	NWNE	989085.4868	443415.4025	3,626	Fall River
686	7	1	11	NESW	1003365.421	429751.8227	3,694	Lakota
687	6	1	32	NENW	988476.4049	443730.5899	3,626	Fall River
688	7	1	11	NESW	1003425.818	429974.4313	3,687	Fall River
689	6	1	32	NENW	988715.0026	443789.1861	3,626	Lakota
690	7	1	11	NESW	1003512.176	429971.0682	3,700	Sundance/Unkpapa
691	6	1	32	NENW	988764.8084	443706.8807	3,626	Fall River
692	7	1	11	NESW	1003466.908	429999.5069	3,701	Lakota
693	6	1	32	NENW	988727.3316	443667.2062	3,626	Sundance/Unkpapa
694	7	1	15	NWNW	997116.0514	426836.0704	3,600	Fall River
695	6	1	32	SESE	990783.4225	439312.5055	3,594	Fall River
696	7	1	15	NWNW	997086.1856	426946.4439	3,602	Lakota
697	6	1	32	SESE	990748.4216	439347.3562	3,594	Lakota

Table 1. Locations of All Wells in the Dewey-Burdock Database (Page 9 of 9)

Well I.D.	Legal Location				SD State Plane 1983		Elevation (ft)	Aquifer
	T.	R.	Sec.	Qrt Qrt	East (ft)	North (ft)		
698	7	1	2	SENW	1004307.778	435651.0652	3,739	Fall River
703	7	1	1	SWSE	1010020.507	434334.3457	3,877	Sundance/Unkpapa
704	7	1	5	SWNE	989364.5045	436647.6682	3,599	Sundance/Unkpapa
2020	7	1	17	NWSW	986286.6643	424857.9008	3,565	unknown
3002	7	2	31	SESE	ND	ND	ND	unknown
3026	7	1	1	SESE	1012037.43	432833.2349	3,822	Lakota
4002	6	1	30	NWSW	981812.8541	446932.2402	3,621	Other Inyan Kara
5002	41	60	28	SWSW	ND	ND	ND	Other Inyan Kara
7002	7	1	23	NWNW	1001731.47	421930.808	3,571	Lakota
8002	7	1	23	SWSE	1004651.515	418556.4148	3,550	Lakota
8003	7	1	23	SWSE	1004520.892	418530.8085	3,543	Other Inyan Kara
8802	7	1	35	SESE	1005923.05	407436.6955	3,554	Fall River
8803	7	1	35	SESE	1005445.181	407730.2169	3,552	unknown

Figure 1. All Wells in the Dewey-Burdock Database.

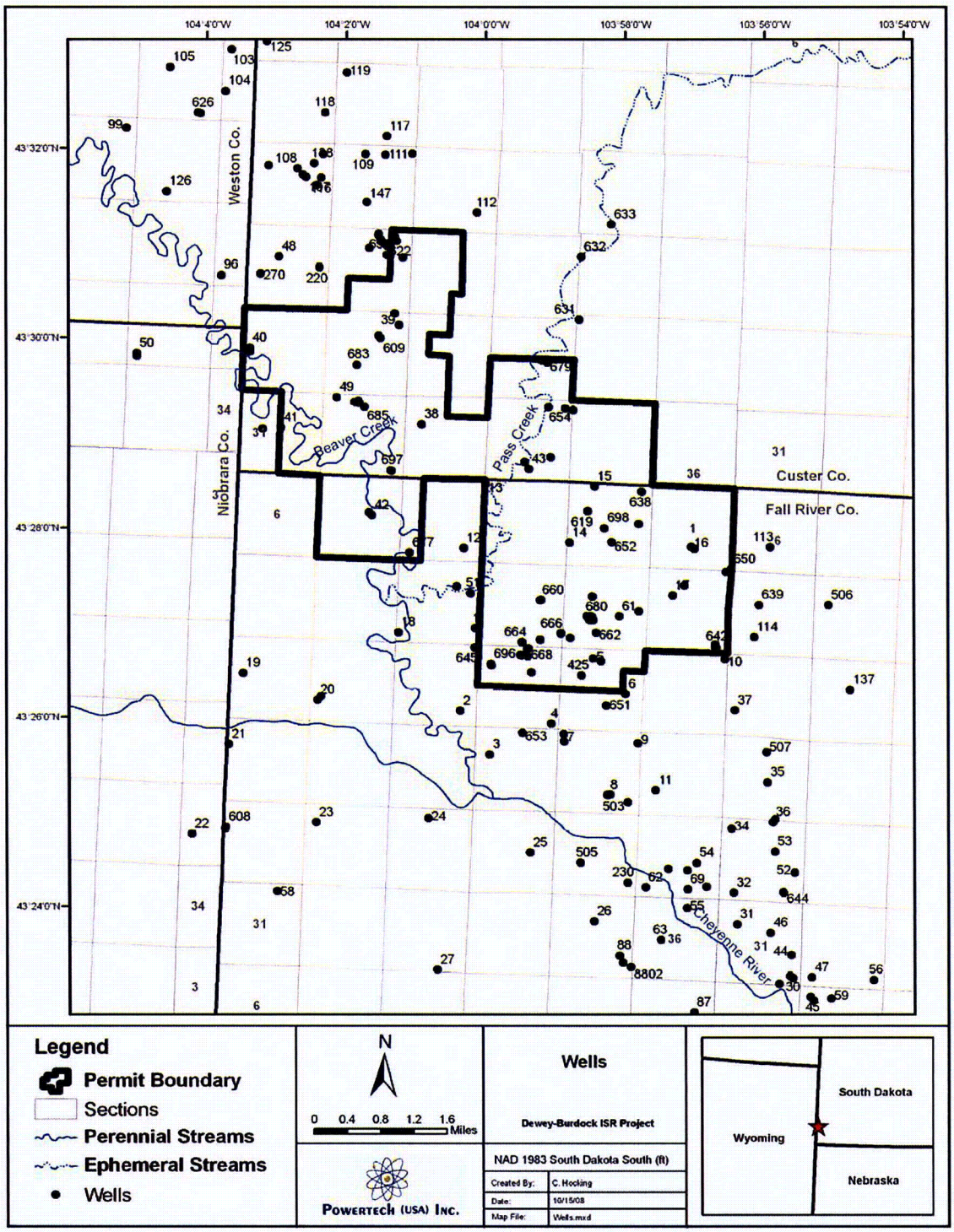


Table 2. All Abandoned Wells Near the Dewey-Burdock Uranium ISR Project (Page 1 of 2)

Well I.D	Construction Information					Aquifer	Located in Field	Data Origin
	Depth (ft)	Depth to Top Screen (ft)	Depth to Bottom Screen (ft)	Casing Diameter (in)	Casing Condition (Surface Observation)			
5	850	UNK	UNK	5	leaky	Lakota	yes	TVA EIS Report
6	UNK	UNK	UNK	12	little rust	unknown	yes	GPS
15	495	UNK	UNK	4	not good	Lakota	yes	TVA EIS Report
40	UNK	UNK	UNK	UNK	UNK	Inyan Kara	yes	GPS
41	UNK	UNK	UNK	6	UNK	Alluvial	yes	TVA EIS Report
43	350	UNK	UNK	4	cant see under tent	Lakota	yes	TVA EIS Report
44	130	UNK	UNK	UNK	UNK	Fall River	no	TVA Data
88	320	UNK	UNK	UNK	UNK	Fall River	yes	TVA EIS Report
113	UNK	UNK	UNK	UNK	windmill	unknown	yes	GPS
502	46	UNK	UNK	UNK	UNK	Alluvial	no	TVA EIS Report
606	UNK	UNK	UNK	UNK	not good	Lakota	yes	TVA EIS Report
621	500	UNK	UNK	UNK	unknown	Alluvial	yes	TVA EIS Report
632	UNK	UNK	UNK	UNK	unknown	unknown	yes	GPS
634	UNK	UNK	UNK	UNK	no	unknown	yes	GPS
636	UNK	UNK	UNK	7	slightly rusty	unknown	yes	GPS
638	180	UNK	UNK	2	little rusty	Fall River	yes	TVA EIS Report
639	UNK	UNK	UNK	UNK	none visible	unknown	yes	GPS
640	UNK	UNK	UNK	1	good	unknown	yes	GPS
642	UNK	UNK	UNK	5	open bad	unknown	yes	GPS
645	UNK	UNK	UNK	UNK	hand pump	unknown	yes	GPS
651	UNK	UNK	UNK	2	moderate	Lakota	yes	TVA EIS Report
652	280	UNK	UNK	UNK	UNK	Inyan Kara	yes	GPS

Table 2. All Abandoned Wells Near the Dewey-Burdock Uranium ISR Project (Page 2 of 2)

Well I.D	Construction Information					Aquifer	Located in Field	Data Origin
	Depth (ft)	Depth to Top Screen (ft)	Depth to Bottom Screen (ft)	Casing Diameter (in)	Casing Condition (Surface Observation)			
653	UNK	UNK	UNK	UNK	UNK	unknown	yes	GPS
654	UNK	UNK	UNK	8	UNK	Inyan Kara	yes	GPS
655	UNK	UNK	UNK	12	UNK	Inyan Kara	yes	GPS
659	UNK	UNK	UNK	UNK	UNK	Fall River	no	TVA Data
660	UNK	UNK	UNK	UNK	UNK	Lakota	no	TVA Data

Figure 2. Abandoned Wells in the Dewey-Burdock Database.

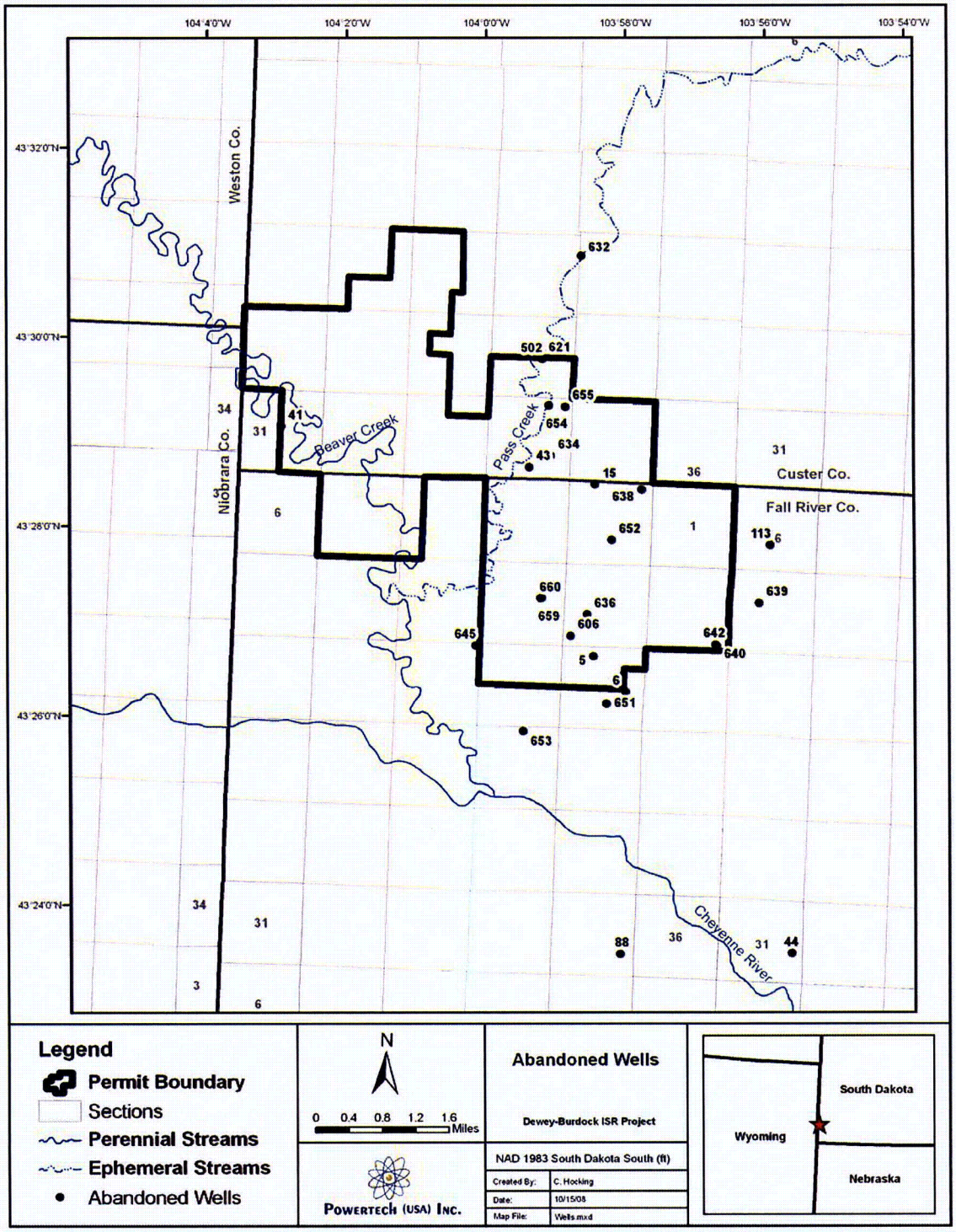


Table 3. Wells Noted in Data Sources but Not Located in Field (Page 1 of 9)

Well I.D	Construction Information					Aquifer	Use Type	Data Origin
	Depth (ft)	Depth to Top Screen (ft)	Depth to Bottom Screen (ft)	Casing Diameter (in)	Casing Condition (Surface Observation)			
3	2400	UNK	UNK	4	UNK	Lakota	UNK	TVA EIS Report
9	90	UNK	UNK	6	UNK	Fall River	UNK	TVA EIS Report
10	200	UNK	UNK	UNK	UNK	Lakota	UNK	TVA EIS Report
11	2480	UNK	UNK	UNK	UNK	Sundance/ Unkpapa	UNK	TVA EIS Report
19	740	UNK	UNK	UNK	UNK	Fall River	other	TVA EIS Report
22	UNK	UNK	UNK	UNK	UNK	unknown	other	TVA Data
25	350	UNK	UNK	UNK	UNK	Fall River	stock	TVA EIS Report
27	600	UNK	UNK	UNK	UNK	Lakota	other	TVA EIS Report
28	UNK	UNK	UNK	UNK	UNK	unknown	other	TVA Data
29	UNK	UNK	UNK	UNK	UNK	unknown	other	TVA Data
30	UNK	UNK	UNK	UNK	UNK	unknown	other	TVA Data
31	104	UNK	UNK	UNK	UNK	Lakota	other	TVA EIS Report
32	90	UNK	UNK	UNK	UNK	Lakota	other	TVA EIS Report
33	96	UNK	UNK	UNK	UNK	Fall River	other	TVA EIS Report
34	UNK	UNK	UNK	UNK	UNK	unknown	other	TVA Data
35	148	UNK	UNK	UNK	UNK	Lakota	UNK	TVA EIS Report
36	330	UNK	UNK	UNK	UNK	Lakota	UNK	TVA EIS Report
39	UNK	UNK	UNK	50	UNK	unknown	other	TVA Data
44	130	UNK	UNK	UNK	UNK	Fall River	stock	TVA Data
45	190	UNK	UNK	UNK	UNK	Fall River	stock	TVA Data
46	UNK	UNK	UNK	UNK	UNK	Fall River	stock	TVA Data

Table 3. Wells Noted in Data Sources but Not Located in Field (Page 2 of 9)

Well I.D	Construction Information					Aquifer	Use Type	Data Origin
	Depth (ft)	Depth to Top Screen (ft)	Depth to Bottom Screen (ft)	Casing Diameter (in)	Casing Condition (Surface Observation)			
47	90	UNK	UNK	UNK	UNK	Fall River	stock	TVA Data
48	725	UNK	UNK	3	UNK	Lakota	stock	TVA Data
50	609	UNK	UNK	UNK	UNK	Lakota	stock	TVA Data
52	UNK	UNK	UNK	UNK	UNK	unknown	stock	TVA Data
53	UNK	UNK	UNK	UNK	UNK	unknown	stock	TVA Data
54	90	UNK	UNK	UNK	UNK	Fall River	stock	TVA EIS Report
55	92	UNK	UNK	UNK	UNK	Fall River	stock	TVA Data
56	300	UNK	UNK	UNK	UNK	Lakota	domestic	TVA Data
57	270	UNK	UNK	UNK	UNK	Lakota	garden	TVA Data
58	UNK	UNK	UNK	UNK	UNK	Fall River	stock	TVA Data
59	118	UNK	UNK	UNK	UNK	Fall River	stock	TVA Data
60	UNK	UNK	UNK	UNK	UNK	unknown	stock	TVA Data
62	UNK	UNK	UNK	UNK	UNK	unknown	stock	TVA Data
63	100	UNK	UNK	UNK	UNK	Fall River	stock	TVA EIS Report
64	UNK	UNK	UNK	UNK	UNK	unknown	stock	TVA Data
65	UNK	UNK	UNK	UNK	UNK	unknown	UNK	TVA Data
66	UNK	UNK	UNK	UNK	UNK	unknown	stock	TVA Data
67	UNK	UNK	UNK	UNK	UNK	unknown	UNK	TVA Data
68	230	UNK	UNK	UNK	UNK	Lakota	domestic	TVA Data
69	130	UNK	UNK	UNK	UNK	Fall River	stock	TVA EIS Report
70	375	UNK	UNK	UNK	UNK	Inyan Kara	stock	TVA EIS Report

Table 3. Wells Noted in Data Sources but Not Located in Field (Page 3 of 9)

Well I.D	Construction Information					Aquifer	Use Type	Data Origin
	Depth (ft)	Depth to Top Screen (ft)	Depth to Bottom Screen (ft)	Casing Diameter (in)	Casing Condition (Surface Observation)			
71	UNK	UNK	UNK	UNK	UNK	Fall River	domestic	TVA Data
72	212	UNK	UNK	UNK	UNK	Fall River	stock	TVA Data
73	560	UNK	UNK	UNK	UNK	Lakota	stock	TVA Data
74	305	UNK	UNK	UNK	UNK	Fall River	stock	TVA Data
75	430	UNK	UNK	UNK	UNK	Fall River	stock	TVA Data
76	420	UNK	UNK	UNK	UNK	Fall River	stock	TVA Data
77	400	UNK	UNK	UNK	UNK	Fall River	stock	TVA Data
78	410	UNK	UNK	UNK	UNK	Fall River	stock	TVA Data
79	337	UNK	UNK	UNK	UNK	Fall River	domestic	TVA Data
80	650	UNK	UNK	UNK	UNK	Lakota	stock	TVA Data
81	440	UNK	UNK	UNK	UNK	Lakota	stock	TVA Data
82	200	UNK	UNK	UNK	UNK	Fall River	stock	TVA Data
83	270	UNK	UNK	UNK	UNK	Fall River	stock	TVA Data
84	155	UNK	UNK	UNK	UNK	Fall River	stock	TVA Data
85	415	UNK	UNK	UNK	UNK	Fall River	domestic	TVA Data
86	360	UNK	UNK	UNK	UNK	Fall River	stock	TVA Data
87	92	UNK	UNK	UNK	UNK	Fall River	abandoned	TVA EIS Report
89	860	UNK	UNK	UNK	UNK	Lakota	UNK	TVA Data
91	150	UNK	UNK	UNK	UNK	Fall River	stock	TVA Data
92	298	UNK	UNK	UNK	UNK	Fall River	domestic	USGS
93	200	UNK	UNK	UNK	UNK	Lakota	domestic	TVA Data
94	UNK	UNK	UNK	UNK	UNK	Lakota	stock	TVA Data

Table 3. Wells Noted in Data Sources but Not Located in Field (Page 4 of 9)

Well I.D	Construction Information					Aquifer	Use Type	Data Origin
	Depth (ft)	Depth to Top Screen (ft)	Depth to Bottom Screen (ft)	Casing Diameter (in)	Casing Condition (Surface Observation)			
95	860	UNK	UNK	UNK	UNK	Fall River	UNK	TVA Data
98	UNK	UNK	UNK	UNK	UNK	unknown	stock	TVA Data
99	420	UNK	UNK	UNK	UNK	Lakota	domestic	TVA Data
100	530	UNK	UNK	UNK	UNK	Lakota	stock	TVA Data
102	267	UNK	UNK	UNK	UNK	Lakota	domestic	TVA Data
103	350	UNK	UNK	UNK	UNK	Lakota	stock	TVA Data
104	UNK	UNK	UNK	UNK	UNK	Lakota	stock	TVA Data
105	UNK	UNK	UNK	UNK	UNK	Lakota	stock	TVA Data
106	UNK	UNK	UNK	UNK	UNK	unknown	stock	TVA Data
107	90	UNK	UNK	UNK	UNK	Fall River	domestic	TVA Data
108	90	UNK	UNK	UNK	UNK	Fall River	domestic	TVA Data
109	220	UNK	UNK	UNK	UNK	Lakota	domestic	TVA Data
110	240	UNK	UNK	UNK	UNK	Lakota	stock	TVA Data
111	100	UNK	UNK	UNK	UNK	Fall River	other	TVA Data
112	120	UNK	UNK	UNK	UNK	Fall River	stock	TVA Data
116	UNK	UNK	UNK	UNK	UNK	Fall River	UNK	TVA Data
117	UNK	UNK	UNK	UNK	UNK	unknown	stock	TVA Data
118	UNK	UNK	UNK	UNK	UNK	unknown	stock	TVA Data
119	UNK	UNK	UNK	UNK	UNK	unknown	stock	TVA Data
120	UNK	UNK	UNK	UNK	UNK	unknown	stock	TVA Data
121	430	UNK	UNK	UNK	UNK	Lakota	stock	TVA Data
122	UNK	UNK	UNK	UNK	UNK	unknown	stock	TVA Data

Table 3. Wells Noted in Data Sources but Not Located in Field (Page 5 of 9)

Well I.D	Construction Information					Aquifer	Use Type	Data Origin
	Depth (ft)	Depth to Top Screen (ft)	Depth to Bottom Screen (ft)	Casing Diameter (in)	Casing Condition (Surface Observation)			
123	UNK	UNK	UNK	UNK	UNK	unknown	stock	TVA Data
124	UNK	UNK	UNK	UNK	UNK	unknown	stock	TVA Data
125	132	UNK	UNK	UNK	UNK	Fall River	stock	USGS
126	UNK	UNK	UNK	UNK	UNK	Lakota	domestic	TVA Data
127	UNK	UNK	UNK	UNK	UNK	Lakota	stock	TVA Data
131	110	UNK	UNK	UNK	UNK	Fall River	stock	TVA Data
132	300	UNK	UNK	UNK	UNK	Lakota	stock	TVA Data
134	860	UNK	UNK	UNK	UNK	unknown	stock	TVA Data
136	UNK	UNK	UNK	UNK	UNK	unknown	domestic	TVA Data
137	UNK	UNK	UNK	UNK	UNK	unknown	stock	TVA Data
138	100	UNK	UNK	UNK	UNK	Fall River	domestic	TVA Data
140	UNK	UNK	UNK	UNK	UNK	unknown	domestic	TVA Data
142	280	UNK	UNK	UNK	UNK	Fall River	domestic	TVA Data
143	1640	UNK	UNK	UNK	UNK	Fall River	domestic	TVA Data
144	UNK	UNK	UNK	UNK	UNK	unknown	UNK	TVA Data
145	UNK	UNK	UNK	UNK	UNK	unknown	UNK	TVA Data
146	UNK	UNK	UNK	UNK	UNK	unknown	UNK	TVA Data
200	108	UNK	UNK	UNK	UNK	Sundance/ Unkpapa	domestic	TVA Data
201	110	UNK	UNK	UNK	UNK	Sundance/ Unkpapa	stock	TVA Data
202	200	UNK	UNK	UNK	UNK	Sundance/ Unkpapa	stock	TVA Data

Table 3. Wells Noted in Data Sources but Not Located in Field (Page 6 of 9)

Well I.D	Construction Information					Aquifer	Use Type	Data Origin
	Depth (ft)	Depth to Top Screen (ft)	Depth to Bottom Screen (ft)	Casing Diameter (in)	Casing Condition (Surface Observation)			
203	200	UNK	UNK	UNK	UNK	Sundance/ Unkpapa	domestic	TVA Data
204	170	UNK	UNK	UNK	UNK	Sundance/ Unkpapa	UNK	TVA Data
205	108	UNK	UNK	UNK	UNK	Sundance/ Unkpapa	UNK	TVA Data
206	200	UNK	UNK	UNK	UNK	Sundance/ Unkpapa	domestic	TVA Data
207	UNK	UNK	UNK	UNK	UNK	unknown	domestic	TVA Data
208	179	UNK	UNK	UNK	UNK	Sundance/ Unkpapa	stock	TVA Data
209	220	UNK	UNK	UNK	UNK	Sundance/ Unkpapa	UNK	USGS
210	125	UNK	UNK	UNK	UNK	Sundance/ Unkpapa	stock	TVA Data
211	170	UNK	UNK	UNK	UNK	Sundance/ Unkpapa	stock	USGS
212	UNK	UNK	UNK	UNK	UNK	unknown	UNK	TVA Data
213	UNK	UNK	UNK	UNK	UNK	Sundance/ Unkpapa	UNK	TVA Data
214	UNK	UNK	UNK	UNK	UNK	Sundance/ Unkpapa	UNK	TVA Data
215	UNK	UNK	UNK	UNK	UNK	unknown	UNK	TVA Data
216	UNK	UNK	UNK	UNK	UNK	unknown	UNK	TVA Data
401	UNK	UNK	UNK	UNK	UNK	Madison	UNK	USGS

Table 3. Wells Noted in Data Sources but Not Located in Field (Page 7 of 9)

Well I.D	Construction Information					Aquifer	Use Type	Data Origin
	Depth (ft)	Depth to Top Screen (ft)	Depth to Bottom Screen (ft)	Casing Diameter (in)	Casing Condition (Surface Observation)			
402	2983	UNK	UNK	UNK	UNK	Madison	UNK	USGS
403	2980	UNK	UNK	UNK	UNK	Madison	UNK	USGS
404	2944	UNK	UNK	UNK	UNK	Madison	UNK	USGS
405	UNK	UNK	UNK	UNK	UNK	Madison	UNK	USGS
406	300	UNK	UNK	UNK	UNK	Inyan Kara	UNK	USGS
407	200	UNK	UNK	UNK	UNK	Fall River	UNK	USGS
408	340	UNK	UNK	UNK	UNK	Fall River	UNK	USGS
409	320	UNK	UNK	UNK	UNK	Inyan Kara	UNK	USGS
410	182	UNK	UNK	UNK	UNK	Lakota	UNK	USGS
411	320	UNK	UNK	UNK	UNK	Lakota	UNK	USGS
412	400	UNK	UNK	UNK	UNK	Lakota	UNK	USGS
413	1627	UNK	UNK	UNK	UNK	Sundance/ Unkpapa	UNK	USGS
414	500	UNK	UNK	UNK	UNK	Lakota	UNK	USGS
415	410	UNK	UNK	UNK	UNK	Lakota	UNK	USGS
416	400	UNK	UNK	UNK	UNK	Inyan Kara	UNK	USGS
417	160	UNK	UNK	UNK	UNK	Fall River	UNK	USGS
418	160	UNK	UNK	UNK	UNK	Fall River	UNK	USGS
419	630	UNK	UNK	UNK	UNK	Inyan Kara	UNK	USGS

Table 3. Wells Noted in Data Sources but Not Located in Field (Page 8 of 9)

Well I.D	Construction Information					Aquifer	Use Type	Data Origin
	Depth (ft)	Depth to Top Screen (ft)	Depth to Bottom Screen (ft)	Casing Diameter (in)	Casing Condition (Surface Observation)			
420	500	UNK	UNK	UNK	UNK	Inyan Kara	UNK	USGS
421	245	UNK	UNK	UNK	UNK	Lakota	UNK	USGS
422	360	UNK	UNK	UNK	UNK	Lakota	UNK	USGS
423	380	UNK	UNK	UNK	UNK	Sundance/ Unkpapa	UNK	USGS
424	240	UNK	UNK	UNK	UNK	Sundance/ Unkpapa	UNK	USGS
425	237	UNK	UNK	UNK	UNK	Lakota	UNK	USGS
427	145	UNK	UNK	UNK	UNK	Sundance/ Unkpapa	UNK	USGS
429	800	UNK	UNK	UNK	UNK	Lakota	UNK	USGS
431	815	UNK	UNK	UNK	UNK	Lakota	UNK	USGS
432	800	UNK	UNK	UNK	UNK	Lakota	UNK	USGS
433	835	UNK	UNK	UNK	UNK	Lakota	UNK	USGS
440	247	UNK	UNK	UNK	UNK	Sundance/ Unkpapa	UNK	USGS
502	46	UNK	UNK	UNK	UNK	Alluvial	UNK	TVA EIS Report
503	1470	UNK	UNK	UNK	UNK	Sundance/ Unkpapa	UNK	TVA EIS Report
504	450	UNK	UNK	UNK	UNK	Fall River	UNK	TVA EIS Report
505	260	UNK	UNK	UNK	UNK	Lakota	UNK	TVA EIS Report
506	470	UNK	UNK	UNK	UNK	Sundance/ Unkpapa	UNK	TVA EIS Report

Table 3. Wells Noted in Data Sources but Not Located in Field (Page 9 of 9)

Well I.D	Construction Information					Aquifer	Use Type	Data Origin
	Depth (ft)	Depth to Top Screen (ft)	Depth to Bottom Screen (ft)	Casing Diameter (in)	Casing Condition (Surface Observation)			
507	145	UNK	UNK	UNK	UNK	Lakota	UNK	TVA EIS Report
508	255	UNK	UNK	UNK	UNK	Lakota	UNK	TVA EIS Report
657	UNK	UNK	UNK	UNK	UNK	Lakota	monitor	TVA EIS Report
658	545	UNK	UNK	UNK	UNK	Lakota	monitor	TVA Data
659	UNK	UNK	UNK	UNK	UNK	Fall River	monitor	TVA Data
660	UNK	UNK	UNK	UNK	UNK	Lakota	monitor	TVA Data
661	UNK	UNK	UNK	UNK	UNK	Lakota	monitor	TVA Data
662	UNK	UNK	UNK	UNK	UNK	unknown	monitor	TVA Data
663	550	UNK	UNK	UNK	UNK	Lakota	monitor	TVA Data
664	360	UNK	UNK	UNK	UNK	Fall River	monitor	TVA Data
665	252	UNK	UNK	UNK	UNK	Fall River	monitor	TVA Data
666	441	UNK	UNK	UNK	UNK	Lakota	monitor	TVA Data
669	550	UNK	UNK	UNK	UNK	Lakota	monitor	TVA Data
670	395	UNK	UNK	UNK	UNK	Fuson	monitor	TVA Data
671	350	UNK	UNK	UNK	UNK	Fall River	monitor	TVA Data
672	376	UNK	UNK	UNK	UNK	Fall River	monitor	TVA Data
673	440	UNK	UNK	UNK	UNK	Fuson	monitor	TVA Data
674	570	UNK	UNK	UNK	UNK	Lakota	monitor	TVA Data
3002	UNK	UNK	UNK	UNK	UNK	unknown	UNK	TVA Data
5002	UNK	UNK	UNK	UNK	UNK	Inyan Kara	UNK	TVA Data

Figure 3. Nonverified Wells
(Wells That Were Not Located at the Site. These Wells May or May Not Still Exist).

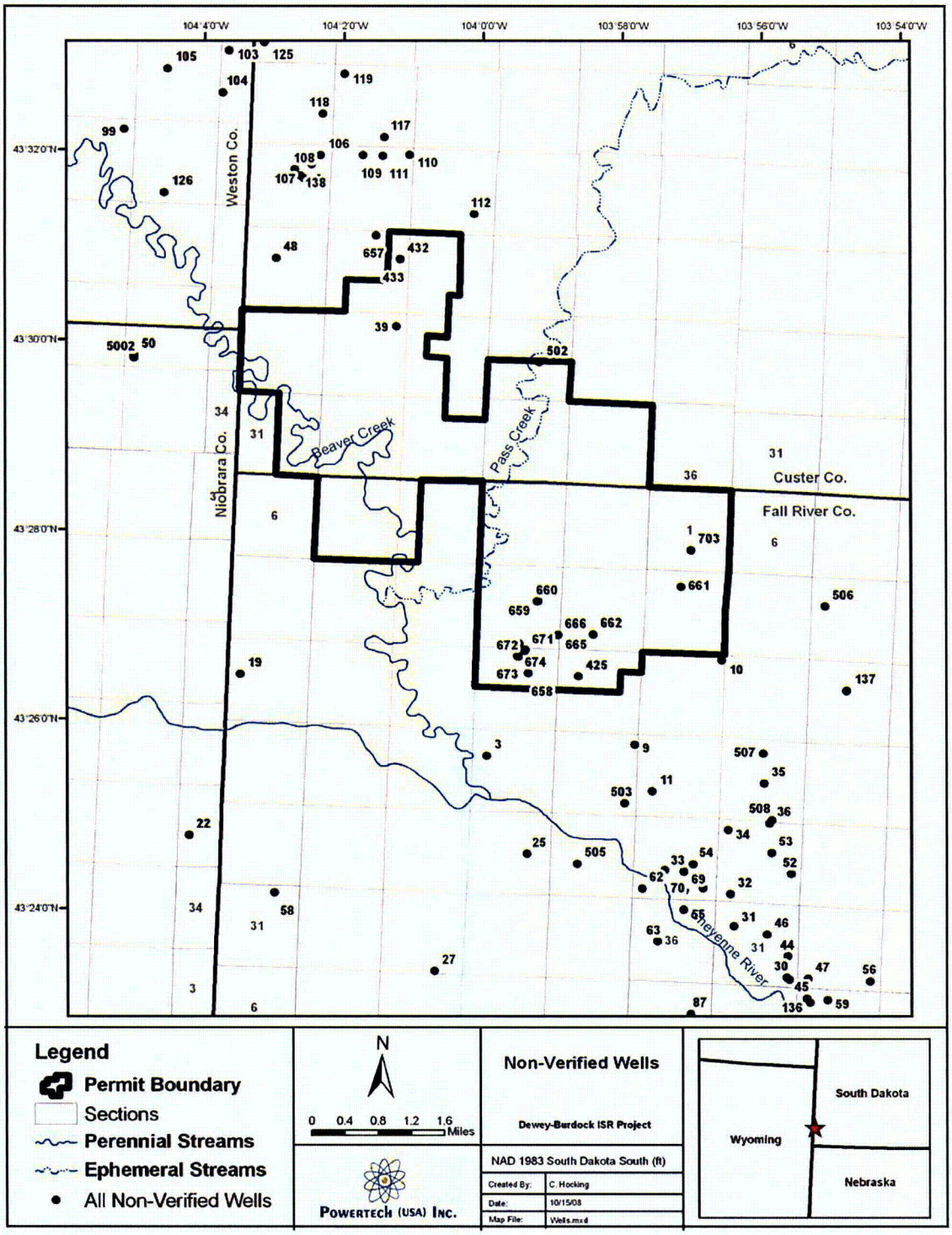


Figure 4. Wells That Were Field Located and Active (Not Abandoned).

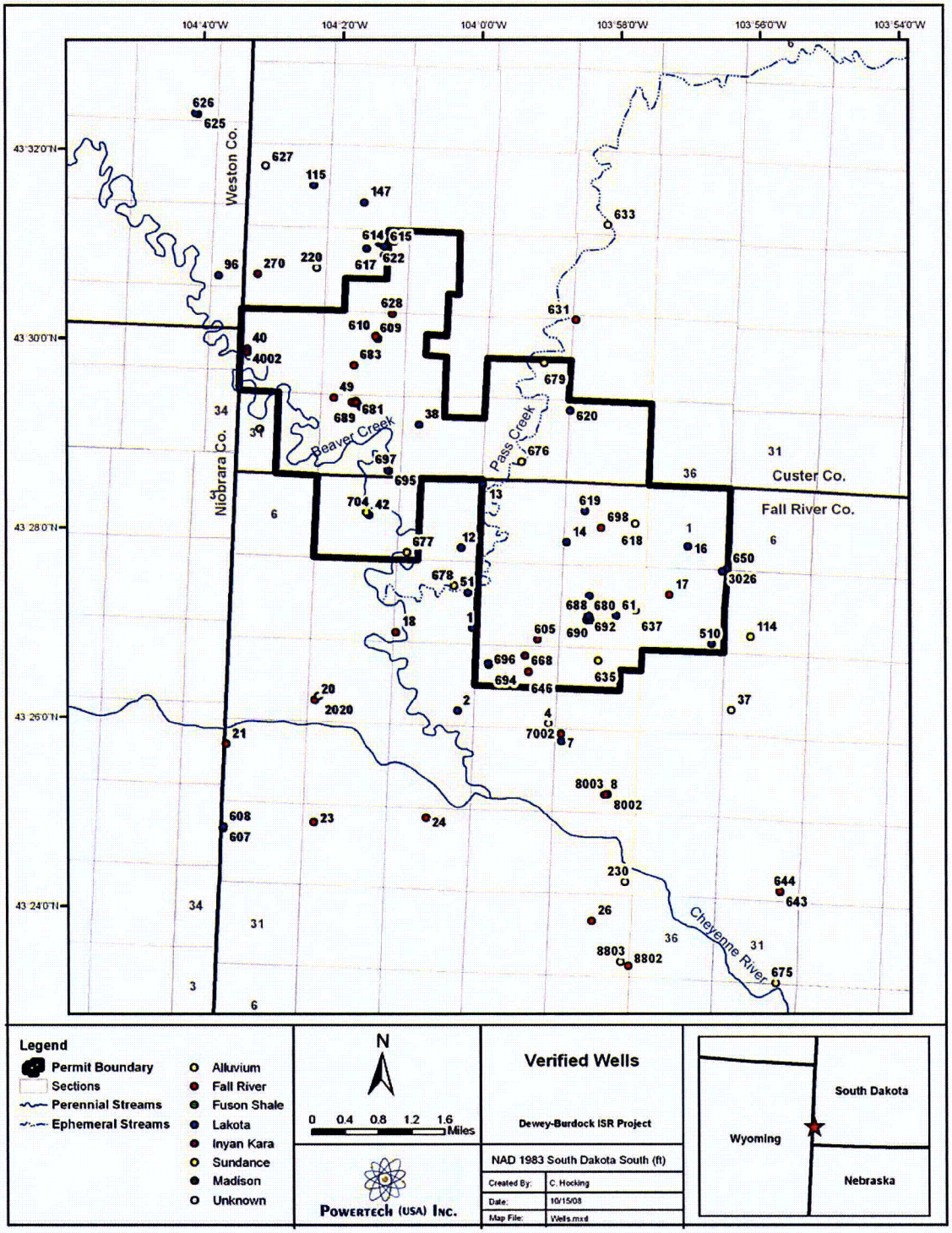


Table 4. Known Alluvial Wells at the Dewey-Burdock Uranium ISR Project

Well I.D.	Name Other	Construction Information						Use Type	Water-Quality Sampling Frequency	Data Origin
		Date Drilled	Depth (ft)	Depth to Top Screen (ft)	Depth to Bottom Screen (ft)	Casing Diameter (in)	Casing Condition (Surface Observation)			
675	Alluvial on Cheyenne River at Marietta	9/25/07	14.4	4	14	2	new pvc	monitor	Quarterly	Well Completion Report
676	Alluvial on Pass Creek at old Spencer Ranch	9/26/07	22.5	12	22	2	new pvc	monitor	Quarterly	Well Completion Report
677	Alluvial on Beaver Creek near Putnam	9/25/07	14.5	4	14	2	new pvc	monitor	Quarterly	Well Completion Report
678	Alluvial on Pass Creek downstream of Dewey Rd	9/25/07	14.5	4	14	2	new pvc	monitor	Quarterly	Well Completion Report
679	Alluvial on Pass Creek at Doran Ranch	9/26/07	39	29	39	2	new pvc	monitor	Quarterly	Well Completion Report

Figure 5. Alluvial Wells Near the Dewey-Burdock Site.

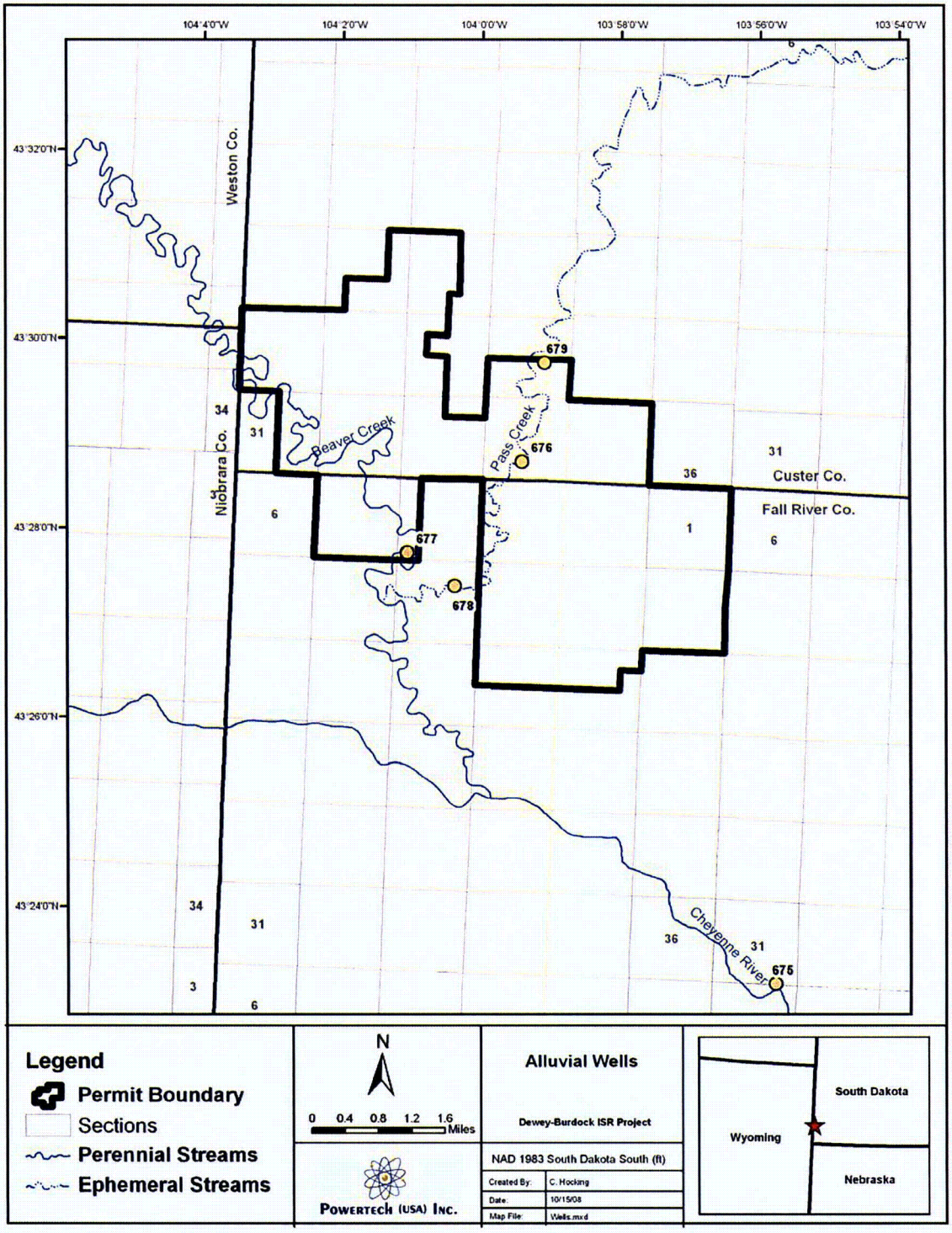


Table 5. Known Fall River Aquifer Wells at the Dewey-Burdock Uranium ISR Project

Well I.D.	Name Other	Date Drilled	Construction Information					Use Type	Flowing Artesian	Water-Quality Sampling Frequency	Data Origin
			Depth (ft)	Depth to Top Screen (ft)	Depth to Bottom Screen (ft)	Casing Diameter (in)	Casing Condition (Surface Observation)				
7	D-27	UNK	200	UNK	UNK	6	UNK	domestic	UNK	quarterly	TVA EIS Report
8	D-29	UNK	240	UNK	UNK	6	UNK	domestic	yes	quarterly	TVA Data
17	D-13	UNK	156	UNK	UNK	3	little rusty	stock	no	none	Well Completion Report
18	D-10	UNK	527	UNK	UNK	4	UNK	domestic	yes	quarterly	TVA EIS Report
20	D-21	UNK	530	UNK	UNK	UNK	UNK	domestic	UNK	none	TVA EIS Report
21	D-23	UNK	910	UNK	UNK	UNK	UNK	stock	UNK	none	TVA EIS Report
23	D-40	UNK	600	UNK	UNK	UNK	UNK	stock	no	none	TVA EIS Report
24	D-39	UNK	600	UNK	UNK	UNK	UNK	stock	yes	none	TVA EIS Report
26	D-42	UNK	350	UNK	UNK	UNK	UNK	other	no	none	TVA EIS Report
49		UNK	600	UNK	UNK	4	good	stock	yes	water level	TVA Data
436	DPZ-3 FR, 6S 1E20AB2	UNK	590	UNK	UNK	UNK	UNK	monitor	no	none	USGS
601	BPZ 14 FR	6/7/1978	UNK	UNK	UNK	1	okay	monitor	UNK	none	Well Completion Report
603	8S 2E23BBA	UNK	UNK	UNK	UNK	6	UNK	UNK	UNK	none	USGS
607	BPZ 18 FR	UNK	UNK	UNK	UNK	1	okay	monitor	no	water level	TVA Data
610	BPZ 20 FR	6/27/1978	680	630	672	1	good cond capped	monitor	no	water level	Well Completion Report
613	DPZ 1 FR, 6S1E20AD6	8/14/1981	580	504	580	4	okay	monitor	no	water level	Well Completion Report
622	DPZ 4 FR, 6S 1E20AA	8/17/1981	520	503	580	4	okay	monitor	no	monthly	Well Completion Report
625	BPZ 22 FR	UNK	630	UNK	UNK	1	okay	monitor	no	none	TVA Data
631		02/98	80	30	80	5	steel	stock	no	quarterly	Well Completion Report
644	BPZ 16 FR	6/7/1978	UNK	UNK	UNK	1	okay	monitor	no	none	Well Completion Report
646	BPZ-9 FR	UNK	UNK	UNK	UNK	UNK	UNK	monitor	yes	none	GPS
681	DB07-32-3C	1/27/2008	600	585	600	6	new PVC	pump test well	yes	monthly	Well Completion Report
683	DB07-29-7	3/4/2008	650	635	650	4	new	monitor	no	once	Well Completion Report
685	DB07-32-4C	2/4/2008	595	580	595	4	new PVC	monitor	yes	once	Well Completion Report
687	DB07-32-5	2/6/2008	608	590	605	4	new PVC	monitor	yes	once	Well Completion Report
688	DB08-11-17	4/1/2008	255	245	255	6	UNK	monitor	no	monthly	Well Completion Report
691	DB07-32-9C	3/10/2008	505	490	505	6	new pvc	monitor	yes	once	Well Completion Report
694	DB08-15-02	3/22/2008	392	377	392	6	new pvc	monitor	yes	monthly	Well Completion Report
695	DB08-32-13	3/20/2008	508	493	508	6	new pvc	monitor	yes	monthly	Well Completion Report
698	DB08-02-01	3/25/2008	205	180	205	6	new pvc	monitor	no	monthly	Well Completion Report
8802	D-44, 88B	UNK	320	UNK	UNK	UNK	UNK	stock	UNK	none	TVA EIS Report

Figure 6. Fall River Wells Near the Dewey-Burdock Site.

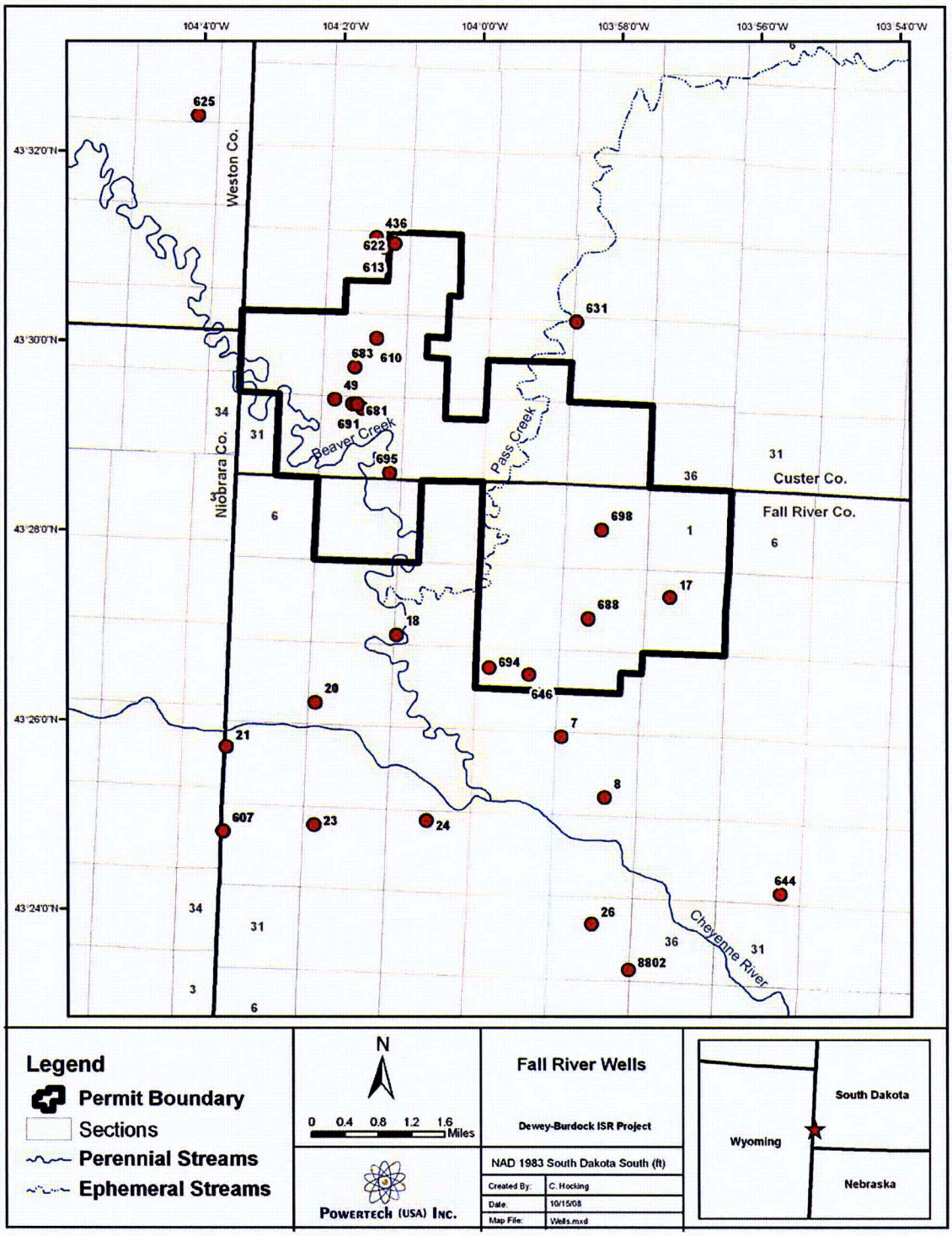


Table 6. Known Fuson Wells at the Dewey-Burdock Uranium ISR Project

Well I.D.	Name Other	Date Drilled	Construction Information					Use Type	Flowing Artesian	Data Origin
			Depth (ft)	Depth to Top Screen (ft)	Depth to Bottom Screen (ft)	Casing Diameter (in)	Casing Condition (Surface Observation)			
614	DPZ 1 FU, 6S1E20AD2	9/14/81	620	609	620	4	okay	monitor	no	Well Completion Report

Figure 7. Fuson Wells Near the Dewey-Burdock Site.

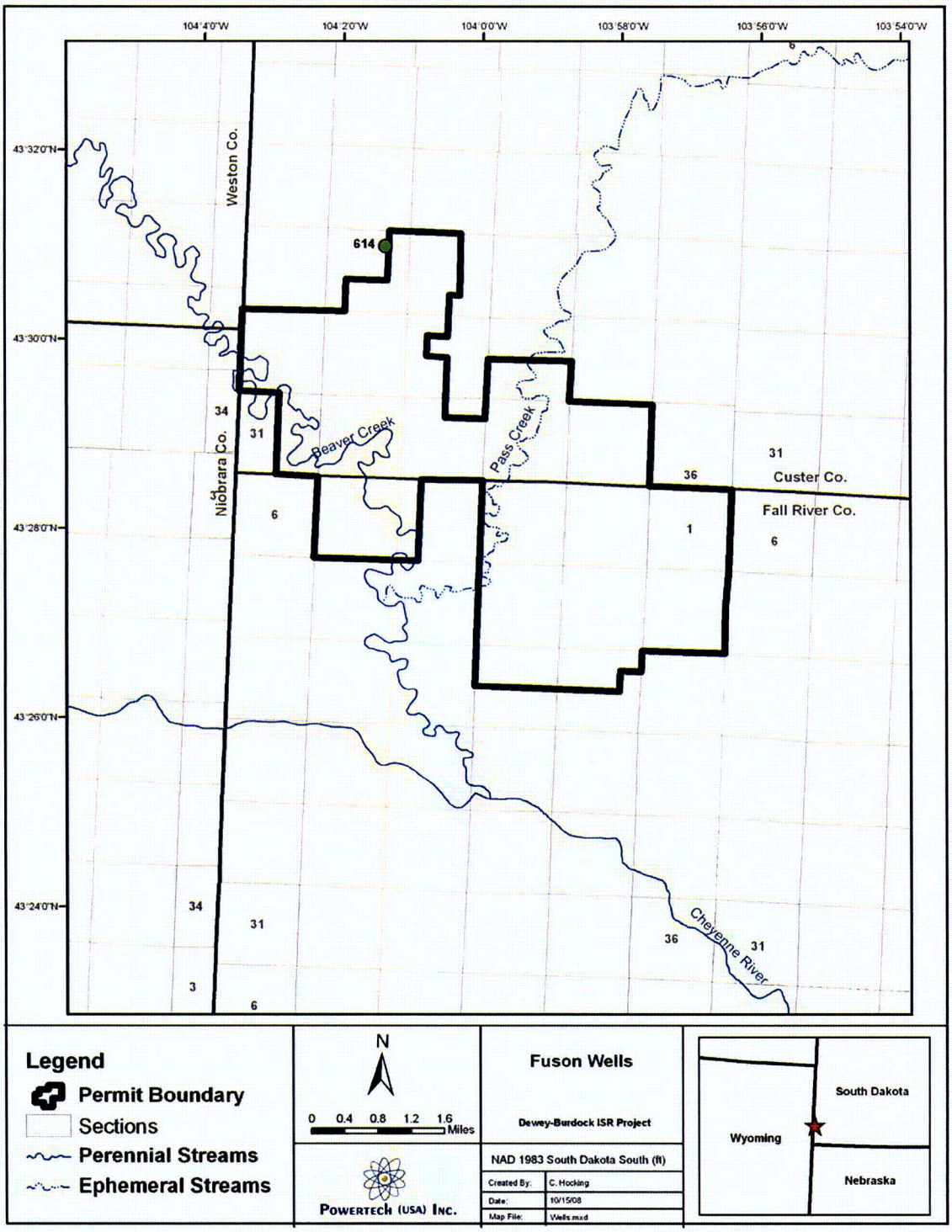


Table 7. Known Lakota Aquifer Wells at the Dewey-Burdock Uranium ISR Project (Page 1 of 2)

Well I.D.	Name Other	Date Drilled	Construction Information					Use Type	Flowing Artesian	Water-Quality Sampling Frequency	Data Origin
			Depth (ft)	Depth to Top Screen (ft)	Depth to Bottom Screen (ft)	Casing Diameter (in)	Casing Condition (Surface Observation)				
1	D-11	UNK	600	UNK	UNK	4	really rusty	stock	yes	none	TVA EIS Report
2	D-20	11/17/1981	650	566	650	5	UNK	domestic	yes	quarterly	Well Completion Report
12	D-7	UNK	805	UNK	UNK	5	okay ltl rusty	stock	yes	water level	TVA EIS Report
13	D-6	10/22/1980	625	580	625	5	UNK	domestic	no	quarterly	Well Completion Report
14	D-5	UNK	470	UNK	UNK	4	fairly rusty	unknown	no	none	TVA EIS Report
16	D-1	UNK	330	UNK	UNK	5	UNK	domestic	no	quarterly	TVA EIS Report
38	B-4	11/12/1949	494	UNK	UNK	4	slightly rusty	stock	yes	water level	Well Completion Report
42	D-8	UNK	600	UNK	UNK	5	UNK	domestic	yes	quarterly	TVA EIS Report
51	D-9	UNK	550	UNK	UNK	10	UNK	other	yes	none	TVA EIS Report
61	D-12	UNK	525	UNK	UNK	5	UNK	stock	no	none	TVA EIS Report
96		UNK	560	UNK	UNK	5	UNK	domestic	yes	none	TVA Data
115		10/18/1984	UNK	UNK	UNK	UNK	okay	domestic	yes	none	Well Completion Report
135		UNK	360	UNK	UNK	UNK	UNK	domestic	no	none	TVA Data
139		UNK	620	UNK	UNK	UNK	UNK	stock	yes	none	TVA Data
147	DPZ -8 LAK, 6S 1E17CAC	UNK	750	UNK	UNK	1	okay	monitor	no	none	USGS
510	D-14, 7S 1E12DD	6/12/1988	540	300	520	5	PVC	stock	yes	none	Well Completion Report
602	BPZ 14 LAK	6/29/1978	UNK	UNK	UNK	1	okay	monitor	UNK	none	Well Completion Report
608	BPZ 18 LAK	UNK	UNK	UNK	UNK	1	okay	monitor	UNK	water level	TVA Data
609	BPZ 20 LAK, 6S 1E29ABDC	6/26/1978	1000	903	966	4	good capped	monitor	no	water level	Well Completion Report
611	Dewey TVA Pump Well	10/17/1981	815	695	800	UNK	UNK	pump test well	no	none	Well Completion Report
612	DPZ 2 LK, 6S 1E20AB	UNK	UNK	UNK	UNK	4	okay	monitor	no	none	USGS
615	DPZ 1 LK	8/13/1981	800	712	800	4	okay	monitor	no	monthly	Well Completion Report
616	DPZ 5 LK	2/9/1982	795	735	835	4	okay	monitor	no	none	Well Completion Report
617	DPZ 6 LK, 6S 1E20AC	9/15/1981	810	715	810	4	okay	monitor	no	none	Well Completion Report
619	D-4, Daniels West 1, MET	UNK	280	UNK	UNK	4	ok ltl rust	stock	no	quarterly	TVA EIS Report
620	Spencer Mine Well	UNK	UNK	UNK	UNK	UNK	good	stock	no	none	GPS
623	DPZ 4 L, 6S 1E20AA(2)	8/17/1981	765	714	780	4	okay	monitor	no	none	Well Completion Report
626	BPZ 22 LAK	UNK	640	UNK	UNK	4	UNK	UNK	no	none	TVA Data
643	BPZ 16 LAK	6/7/1978	UNK	UNK	UNK	1	okay	monitor	UNK	none	Well Completion Report
650	Daniels Bennet Canyon	UNK	UNK	UNK	UNK	4	rusty	stock	no	quarterly	GPS
680	DB07-11-11C	12/19/2007	436	426	436	6	new PVC	pump test well	no	monthly	Well Completion Report

Table 7. Known Lakota Aquifer Wells at the Dewey-Burdock Uranium ISR Project (Page 2 of 2)

Well I.D.	Name Other	Date Drilled	Construction Information					Use Type	Flowing Artesian	Water-Quality Sampling Frequency	Data Origin
			Depth (ft)	Depth to Top Screen (ft)	Depth to Bottom Screen (ft)	Casing Diameter (in)	Casing Condition (Surface Observation)				
682	DB07-11-2	2/21/2008	460	450	460	4	new PVC	monitor	no	once	Well Completion Report
684	DB07-11-14C	2/13/2008	423	413	423	4	new pvc	monitor	no	once	Well Completion Report
686	DB07-11-15	2/24/2008	428	418	428	4	new PVC	monitor	no	once	Well Completion Report
689	DB07-32-10,	3/11/2008	730	715	730	6	UNK	monitor	yes	monthly	Well Completion Report
692	DB08-11-19	4/16/2008	327	325	335	6	new pvc	monitor	no	once	Well Completion Report
696	DB08-15-03	3/21/2008	587	572	587	6	new pvc	monitor	yes	monthly	Well Completion Report
697	DB08-32-12	3/18/2008	682	667	682	6	new pvc	monitor	yes	monthly	Well Completion Report
3026	DB08-01-06	3/26/2008	196	166	196	6	new	monitor	no	monthly	Well Completion Report
7002	D-26, 7S	UNK	500	UNK	UNK	6	poor	stock	yes	quarterly	TVA EIS Report
8002	D-28, 8S	UNK	500	UNK	UNK	6	poor	stock	yes	water level	TVA EIS Report

Figure 8. Lakota Wells Near the Dewey-Burdock Site.

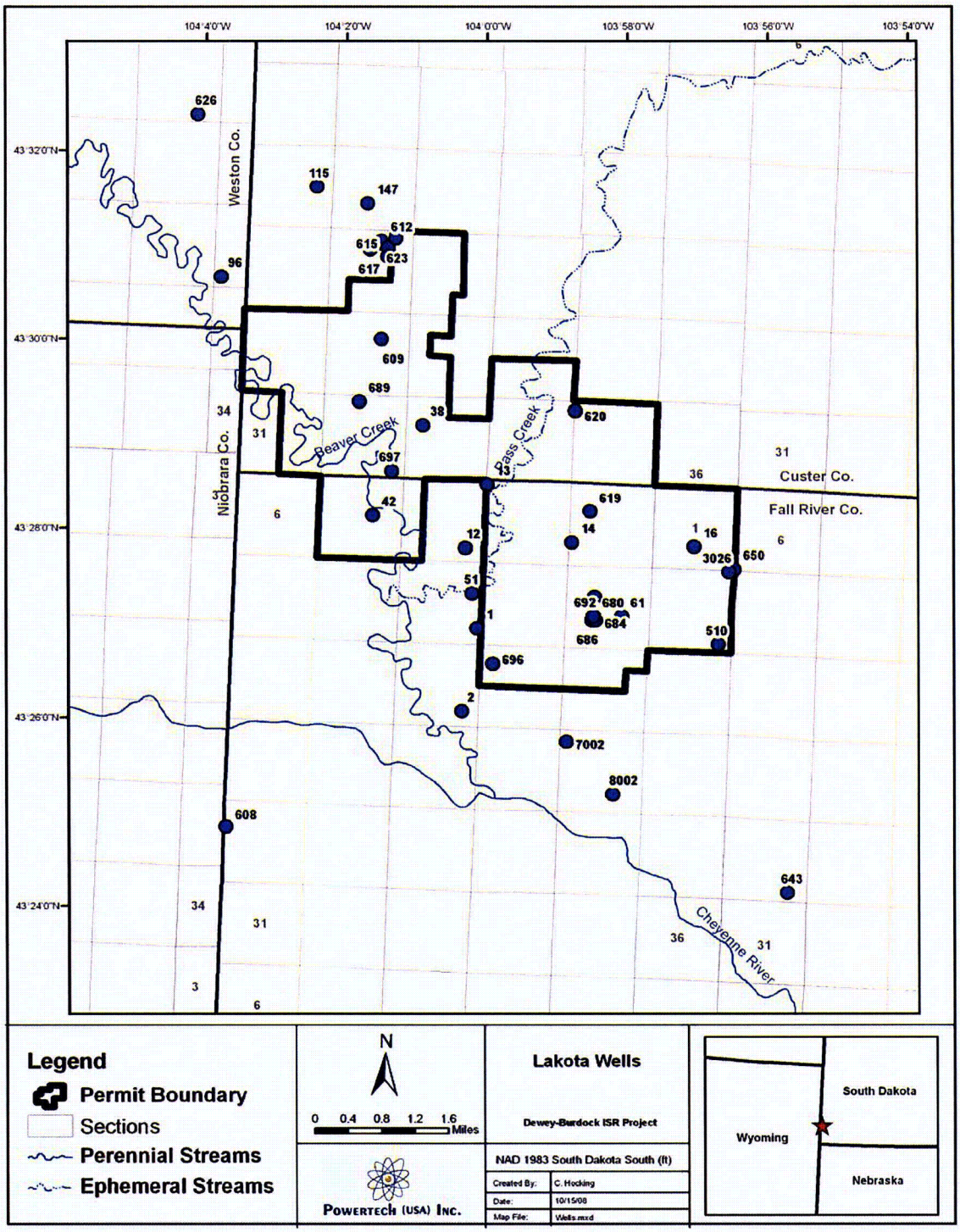


Table 8. Known Inyan Kara Aquifer Wells at the Dewey-Burdock Uranium ISR Project

Well I.D.	Name Other	Date Drilled	Construction Information					Use Type	Flowing Artesian	Water-Quality Sampling Frequency	Data Origin
			Depth (ft)	Depth to Top Screen (ft)	Depth to Bottom Screen (ft)	Casing Diameter (in)	Casing Condition (Surface Observation)				
40	40S, 6S 1E30CBB	UNK	680	UNK	UNK	6	UNK	none	yes	none	USGS
270		UNK	UNK	UNK	UNK	0	UNK	stock	yes	none	GPS
605		UNK	UNK	UNK	UNK	1	okay	monitor	UNK	none	GPS
628		UNK	UNK	UNK	UNK	UNK	UNK	stock	no	quarterly	GPS
668	TVA Burdock Test Well	1/31/1977	574	280	555	12	UNK	pump test well	yes	water level	Well Completion Report
4002	40	UNK	UNK	UNK	UNK	6	UNK	domestic	yes	quarterly	TVA Data

Figure 9. Wells Completed in the Inyan Kara Aquifer. These Wells Include Those Screened in Either the Fall River or Lakota Formations or Both.

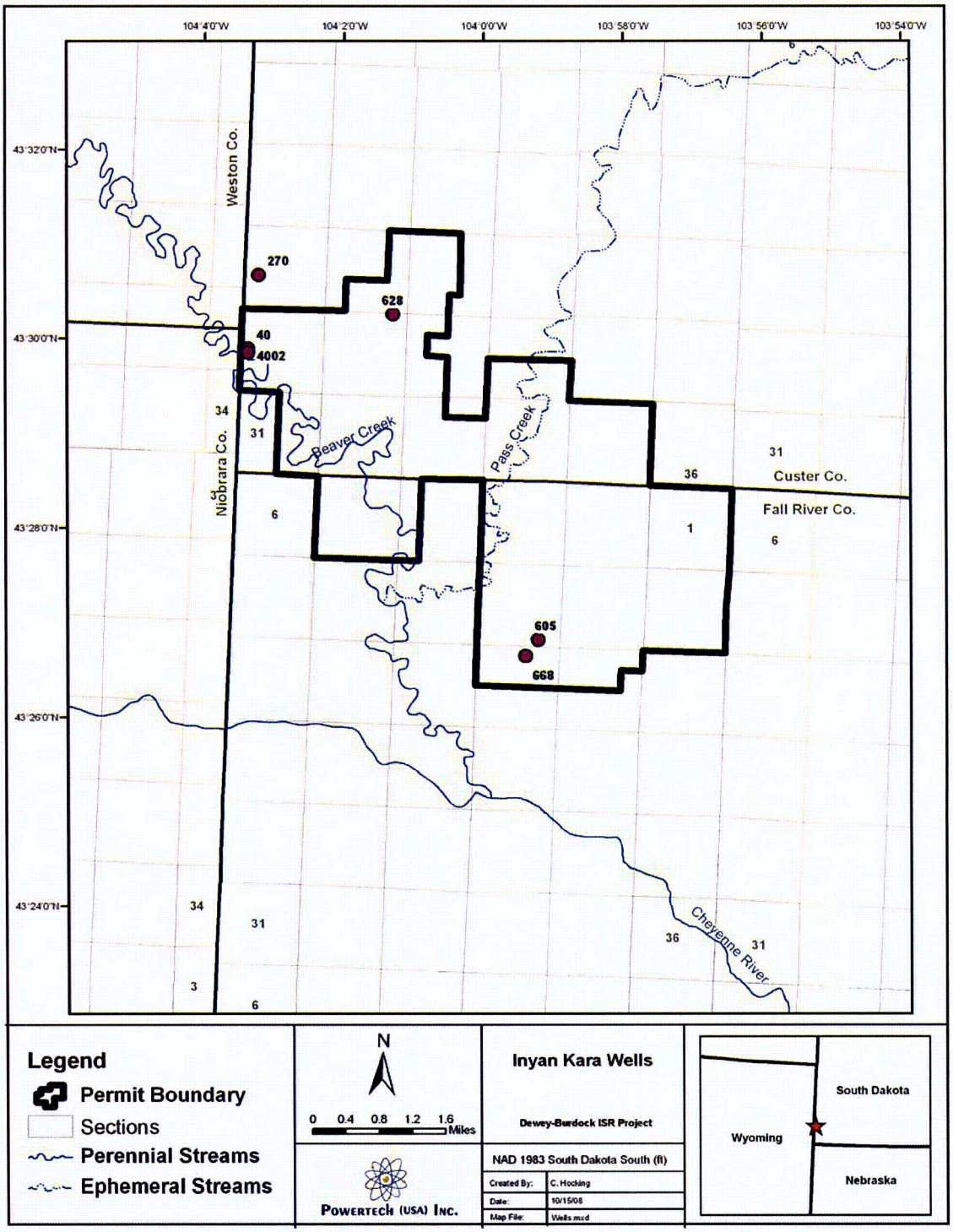


Table 9. Known Sundance or Unkpapa Aquifer Wells at the Dewey-Burdock Uranium ISR Project

Well I.D.	Name Other	Date Drilled	Construction Information					Use Type	Flowing Artesian	Water-Quality Sampling Frequency	Data Origin
			Depth (ft)	Depth to Top Screen (ft)	Depth to Bottom Screen (ft)	Casing Diameter (in)	Casing Condition (Surface Observation)				
635	7S 1E14BAAC	UNK	880	666	780	6	leaky	stock	yes	quarterly	well completion report
114	E-2	UNK	365	UNK	UNK	UNK	UNK	stock	no	none	TVA EIS Report
690	DB08-11-18	4/15/2008	623	621	631	6	new pvc	monitor	yes	once	well completion report
704	DB08-05-01	4/29/2008	955	915	955	6	new	other	yes	none	well completion report
693	DB07-32-11	3/8/2008	910	910	930	6	new pvc	monitor	yes	once	well completion report
703	DB08-01-07	4/18/2008	525	475	525	6	new	other	no	none	well completion report

Figure 10. Sundance and Unkpapa Aquifers Near the Dewey-Burdock Site.

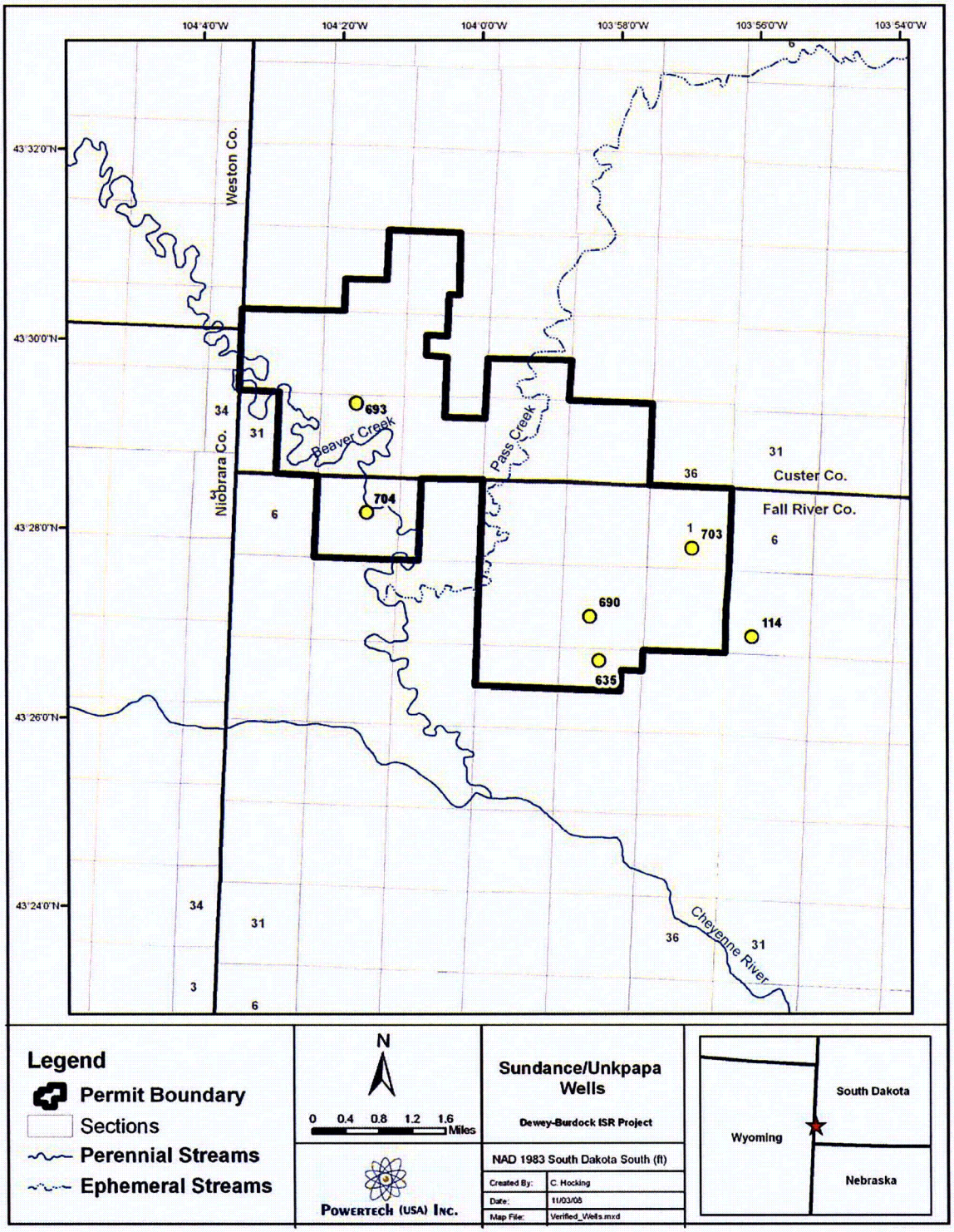
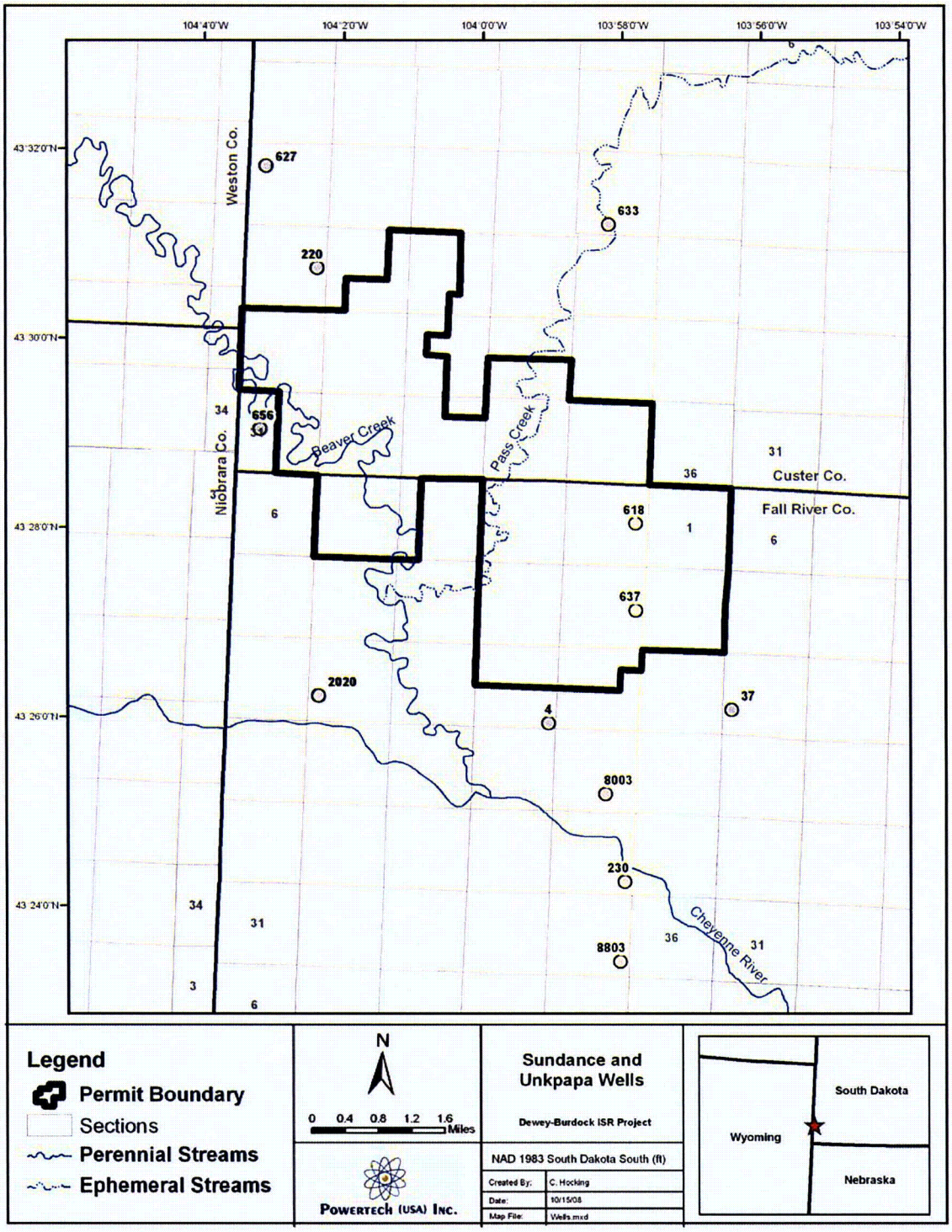


Table 10. Wells With Unknown Aquifer of Complete at the Dewey-Burdock Uranium ISR Project

Well I.D.	Name Other	Date Drilled	Construction Information					Use Type	Flowing Artesian	Water-Quality Sampling Frequency	Data Origin
			Depth (ft)	Depth to Top Screen (ft)	Depth to Bottom Screen (ft)	Casing Diameter (in)	Casing Condition (Surface Observation)				
4	D-19	UNK	2264	UNK	UNK	3	rusty leaky	stock	yes	once	TVA EIS Report
37		UNK	UNK	UNK	UNK	1	okay windmill	stock	no	none	TVA EIS Report
90		UNK	UNK	UNK	UNK	UNK	UNK	stock	UNK	none	GPS
220		UNK	UNK	UNK	UNK	UNK	UNK	stock	yes	none	GPS
230		UNK	UNK	UNK	UNK	UNK	UNK	stock	UNK	none	GPS
618		UNK	UNK	UNK	UNK	UNK	UNK	stock	no	none	GPS
627		UNK	UNK	UNK	UNK	UNK	UNK	UNK	UNK	none	GPS
633	Pass Creek Well 2	UNK	UNK	UNK	UNK	2	okay	stock	no	none	GPS
637	BPZ-5	UNK	UNK	UNK	UNK	2	okay	monitor	no	none	TVA
656		UNK	UNK	UNK	UNK	UNK	UNK	stock	yes	none	GPS
2020	21N	UNK	UNK	UNK	UNK	UNK	UNK	stock	yes	none	GPS
8803	88C	UNK	UNK	UNK	UNK	UNK	UNK	stock	yes	none	GPS

Figure 11. Wells Completed Within an Unknown Aquifer Near the Dewey-Burdock Site.



POWERTECH (USA) INC.

APPENDIX 2.2-B

WELL COMPLETION REPORTS

POWERTECH WELL COMPLETION REPORTS
(2007–2008)

DB-GW675

Location Marietta

Construction Details

Total Depth	14.4'
Screen Inverval	4.4 – 14.4'
Sand pack	3 – 14.4'
Bentonite	1 – 3'
Cement	0 – 1'

Distance from surface to top of casing 2.5'

Water Level ~9' below surface

Lithology

0 – 4 ft	fine to med grain sand, tan color, mostly quartz and feldspar, some dark minerals (5%)
4 – 9 ft	poorly sorted, coarse sand, few small pebbles
9 – 12.5 ft	poorly sorted, coarse sand, mostly quartz and feldspar with dark minerals (10%), some pebbles, wet
12.5 -14.4 ft	dark gray, fissile shale

DB-GW677

Location south of Putnam house

Construction Details

Total Depth	14.5'
Screen Inverval	4.5 – 14.5'
Sand pack	3 – 14.5'
Bentonite	1 – 3'
Cement	0 – 1'

Water Level ~9' below surface

Lithology

0 – 4 ft	med tan, sandy silt
4 – 6 ft	sandy silt
6 – 7.5 ft	cobbles in silty sand, poorly sorted
7.5 – 9 ft	tan, silty sand
9 – 12.5 ft	wet, tan, very fine grained sand
12.5 -14.5 ft	dark gray, fissile shale (Belle Fourche Fm)

DB-GW678

Location along Pass Creek west of Burdock

Construction Details

Total Depth	14.5'
Screen Inverval	4.5 – 14.5'
Sand pack	3 – 14.5'
Bentonite	1 – 3'
Cement	0 – 1'

Water Level ~8' below surface

Lithology

0 – 9 ft	very fine grained, red, silty sand
9 – 14 ft	dominantly vfg silty sand with 1" beds of med to coarse sand (did not penetrate shale)

4/14-08

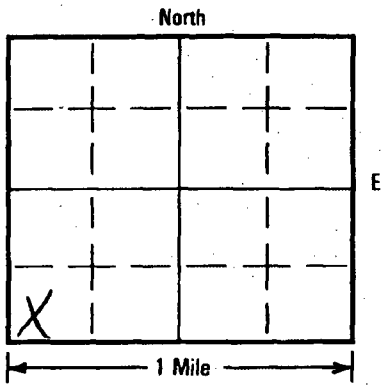
SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location SW ¼ SW ¼ Sec 1 Twp 75 Rg 1E

County Fall River

Please mark well location with an "X"



Well Completion Date 4-18-08

Well Owner: Power Tech

Business Name: Power Tech USA Inc

Address: P.O. Box 723

Hot Springs S.D 57747

WELL LOG:

FORMATION	DEPTH FROM	DEPTH TO
Fall River	0	100
Fuson	100	150
Lakota	150	305
Minnelusa	305	410
UNK PAPA	410	525

LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? 200 ft. from Septic Tank (identify source).

PROPOSED USE:

☒ Domestic/Stock ☐ Municipal ☐ Business ☐ Test Holes
☐ Irrigation ☐ Industrial ☐ Institutional ☐ Monitoring well

METHOD OF DRILLING:

Mud & Rotary

CASING DATA: ☒ Steel ☐ Plastic ☐ Other

If other describe

WEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
18 LB/FT	6 IN	0 FT	475 FT	8¾ IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
Cmt	82	15.3 lb./gal	0 ft.	475 ft.
		lb./gal	ft.	ft.

Describe grouting procedure Pump

SCREEN: ☐ Perforated pipe ☒ Manufactured

Diameter 3 IN Length 50 FEET

Material PVC

Slot Size .020 Set From 475 Feet to 525 Feet

Other information Slt & Packer

WAS A PACKER OR SEAL USED? ☑ YES ☐ NO

If so, what material? 6" X 3" K Packer

Describe packer(s) and location? Packer set at 465'

DISINFECTION: Was well disinfected upon completion?

YES, How:

X NO, Why Not? Na

Laboratory sent to for water quality analysis

Respec

5-20-08

STATIC WATER LEVEL 110 Feet

If flowing: closed in pressure PSI

GPM flow through inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other

Reduced Flowrate GPM

Can well be completely shut in? Yes

WELL TEST DATA:

☐ Pumped Describe: Air lift at 410

☐ Bailed

☐ Other

Pumping Level Below Land Surface

ft. After Hrs. pumped GPM

ft. After Hrs. pumped GPM

If pump installed, pump rate GPM

RECEIVED
MAY 20 2008
WATER RIGHTS PROGRAM

REMARKS DEWEY Burdock

8-1-7

This well was drilled under license # 745

And this report is true and accurate.

Drilling firm Davis Drilling Inc

Signature of License Representative: Steve Davis

Signature of Well Owner or Equitable Property Holder:

Date: 5/5/08

SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location NE ¼ NW ¼ Sec 37 Twp 6S Rg 1E

County CUSTER

Please mark well location with an "X"

North

W E

1 Mile

Well Completion Date 1-27-08

Well Owner: Powertech

Business Name: Powertech USA Inc

Address: P.O Box 723

Hot Springs S.D 57747

WELL LOG:

FORMATION	DEPTH FROM	DEPTH TO
Gull Creek Shale	0	470'
Fall River Sandstone	470'	585'

LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? _____ ft. from NONE Present (identify source).

PROPOSED USE:

☐ Domestic/Stock ☐ Municipal ☐ Business ☐ Test Holes
☐ Irrigation ☐ Industrial ☐ Institutional ☒ Monitoring well

METHOD OF DRILLING: Mud Rotary

CASING DATA: ☐ Steel ☒ Plastic ☐ Other

If other describe _____

WEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
SDR 21 LB/FT	6 IN	0 FT	585 FT	8¾ IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
CMT	96	15.2 lb./gal	585 ft.	0 ft.
		lb./gal	ft.	ft.

Describe grouting procedure pump

SCREEN: ☐ Perforated pipe ☒ Manufactured

Diameter 3 IN Length 15 FEET

Material PVC

Slot Size .020 Set From 600 Feet to 585 Feet

Other information Set K Packer

WAS A PACKER OR SEAL USED? ☒ YES ☐ NO

If so, what material? 6" K Packer

Describe packer(s) and location? Packer 575'

DISINFECTION: Was well disinfected upon completion?

YES, How: _____

NO, Why Not? NM

Laboratory sent to for water quality analysis

Respec

STATIC WATER LEVEL 0 Feet

If flowing: closed in pressure 6.1 PSI

GPM flow 10 through 2 inch pipe

Controlled by ☒ Valve ☐ Reducers ☐ Other _____

Reduced Flowrate _____ GPM

Can well be completely shut in? YES

WELL TEST DATA:

☐ Pumped Describe: Airlift at 575'

☐ Bailed

☒ Other

Pumping Level Below Land Surface

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate _____ GPM

REMARKS Dewey Burdock 7-32-3C

RECEIVED
FEB 22 2008
WATER RIGHTS PROGRAM

This well was drilled under license # 745

And this report is true and accurate.

Drilling firm Davis Drilling Inc

Signature of License Representative: Steve Davis

Signature of Well Owner or Equitable Property Holder: PowerTech

Date: 2/12/08

SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location ___ ¼ ___ ¼ Sec 11 Twp 65 Rg 1E
County Fall River
NE SW

North

W E

1 Mile

Please mark well location with an "X"

Well Completion Date 2-24-08

Well Owner: Power Tech.
Business Name: Power Tech USA Inc
Address: P.O. Box 723
Hot Springs S.D 57747

WELL LOG:

FORMATION	DEPTH FROM	DEPTH TO
Shull Creek Shale	0	120
~~Fusun~~ Fall River SS	120	255
Fusun Shale	255	315
Lakota Sand Stone	315	428

LOCATION:
Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? ___ ft. from NONE Present (identify source).

PROPOSED USE:
☐ Domestic/Stock ☐ Municipal ☐ Business ☐ Test Holes
☐ Irrigation ☐ Industrial ☐ Institutional ☑ Monitoring well

METHOD OF DRILLING:
Mud Rotary

CASING DATA: ☐ Steel ☑ Plastic ☐ Other
If other describe ___

WEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
17 LB/FT	4 IN	0 FT	419 FT	6 7/8 IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

STATIC WATER LEVEL 32.6 Feet
If flowing: closed in pressure ___ PSI
GPM flow ___ through ___ inch pipe
Controlled by ☐ Valve ☐ Reducers ☐ Other ___
Reduced Flowrate ___ GPM
Can well be completely shut in? Yes

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
CMT	70	15.2 lb./gal	0 ft.	418 ft.
		lb./gal	ft.	ft.

Describe grouting procedure Pump

WELL TEST DATA:
☐ Pumped Describe: Bailed w/ 4CS
☐ Bailed
☑ Other
Pumping Level Below Land Surface
___ ft. After ___ Hrs. pumped ___ GPM
___ ft. After ___ Hrs. pumped ___ GPM
If pump installed, pump rate ___ GPM

SCREEN: ☐ Perforated pipe ☒ Manufactured
Diameter 2 IN Length 10 FEET
Material PVC
Slot Size .020 Set From 418 Feet to 428 Feet
Other information Set K Packer

REMARKS Dewey Burdick 7-11-15

WAS A PACKER OR SEAL USED? ☑ YES ☐ NO
If so, what material? 4" K Packer
Describe packer(s) and location? Packer 408'

This well was drilled under license # 745
And this report is true and accurate.
Drilling firm DAVIS Drilling Inc
Signature of License Representative: Stan Davis

DISINFECTION: Was well disinfected upon completion?
___ YES. How: ___
X NO. Why Not? N/A

Laboratory sent to for water quality analysis: Inspec

Signature of Well Owner or Equitable Property Holder: Power Tech
Date: 3/5/08

SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location NE ¼ SW ¼ Sec 11 Twp 7S Rg 1E

County Fall River

Please mark well location with an "X"

North

W E

1 Mile

Well Completion Date 2-13-08

Well Owner: Power Tech

Business Name: Power Tech USA Inc

Address: P.O. Box 723

Hot Springs SD 57747

WELL LOG:

FORMATION	DEPTH FROM	DEPTH TO
Skull Creek Shale	0	102'
Fall River Sandstone	102'	287'
Fuson Shale	287'	300'
Lakota Sandstone	300	423'

LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? _____ ft. from NONE Present (identify source).

PROPOSED USE:

☐ Domestic/Stock ☐ Municipal ☐ Business ☐ Test Holes
☐ Irrigation ☐ Industrial ☐ Institutional ☒ Monitoring well

METHOD OF DRILLING: Mud Rotary

CASING DATA: ☐ Steel ☑ Plastic ☐ Other

If other describe _____

WEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
SR17 LB/FT	4 IN	0 FT	413 FT	6¼ IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
CMT	66	15.2 lb./gal	0 ft.	413 ft.
		lb./gal	ft.	ft.

Describe grouting procedure pump

SCREEN: ☐ Perforated pipe ☒ Manufactured

Diameter 2 IN Length 10 FEET

Material PVC

Slot Size .020 Set From 423 Feet to 413 Feet

Other information G.I. to Packer

WAS A PACKER OR SEAL USED? ☑ YES ☐ NO

If so, what material? 4" K Packer

Describe packer(s) and location? Packer 403'

DISINFECTION: Was well disinfected upon completion?

_____ YES, How: _____

✓ NO, Why Not? NA

Laboratory sent to for water quality analysis

None

STATIC WATER LEVEL 28.8 Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced Flowrate _____ GPM

Can well be completely shut in? Yes

WELL TEST DATA:

☐ Pumped Describe: Air lift 40gpm

☐ Bailed

☑ Other

Pumping Level Below Land Surface

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate _____ GPM

REMARKS Drilled Sealed with PVC

This well was drilled under license # 745

And this report is true and accurate.

Drilling firm Davis Drilling Inc

Signature of License Representative: Steve Davis

Signature of Well Owner or Equitable Property Holder: Power Tech

Date: 2/27/08

SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location SE ¼ NW ¼ Sec 11 Twp 15 Rg 11

County Fall River

Please mark well location with an "X"

North

W X E

1 Mile

Well Completion Date

7-21-08

Well Owner: Power Tech

Business Name: Power Tech LCA Inc

Address: P.O. Box 775

Hot Springs SD 57747

WELL LOG:

FORMATION	DEPTH FROM	DEPTH TO
Shale Gray Shale		

LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? _____ ft. from None present (identify source).

PROPOSED USE:

☐ Domestic/Stock ☐ Municipal ☐ Business ☐ Test Holes

☐ Irrigation ☐ Industrial ☐ Institutional ☑ Monitoring well

METHOD OF DRILLING:

Mud Rotary

CASING DATA: ☐ Steel ☑ Plastic ☐ Other

If other describe _____

WEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
17 LB/FT	4 IN	0 FT	450 FT	6 3/4 IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

STATIC WATER LEVEL 54.2 Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced Flowrate _____ GPM

Can well be completely shut in? Yes

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
CMT	67	15.4 lb./gal	0 ft.	450 ft
		lb./gal	ft.	ft

Describe grouting procedure Pump

WELL TEST DATA:

☐ Pumped Describe: Hole at 435'

☐ Bailed

☑ Other

Pumping Level Below Land Surface

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate _____ GPM

SCREEN: ☐ Perforated pipe ☑ Manufactured

Diameter 2 IN Length 10 FEET

Material PVC

Slot Size 20 Set From 440 Feet to 450 Feet

Other information Set K Packer

REMARKS Dewey Burdick 7-11-2

WAS A PACKER OR SEAL USED? ☑ YES ☐ NO

If so, what material? 4" K Packer

Describe packer(s) and location? Packer 440'

This well was drilled under license # 745

And this report is true and accurate.

Drilling firm Davis Drilling Inc

Signature of License Representative: Steve Davis

DISINFECTION: Was well disinfected upon completion?

_____ YES, How: _____

X NO, Why Not? N/A

Laboratory sent to for water quality analysis

Risps

Signature of Well Owner or Equitable Property Holder: Power Tech

Date: 3/5/08

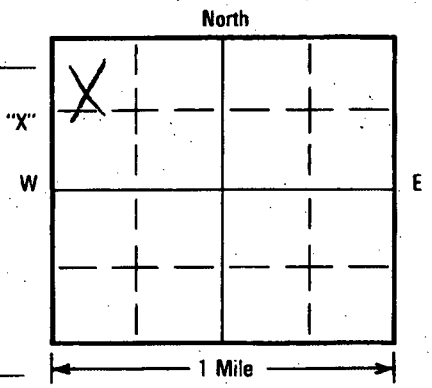
SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location NW ¼ NW ¼ Sec 5 Twp 7S Rg 1E

County Fall River

Please mark well location with an "X"



Well Completion Date 4-29-08

Well Owner: Power Tech

Business Name: Power Tech USA Inc

Address: P.O. Box 723

Hot Springs S.D 57747

WELL LOG:

FORMATION	DEPTH FROM	DEPTH TO
Skull Creek	0	455
Fall River	455	600
Fuson	600	655
Lakota	655	735
Morrison	735	890
UNK PAPIA	890	955

LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? _____ ft. from None Present (identify source).

PROPOSED USE:

☒ Domestic/Stock ☐ Municipal ☐ Business ☐ Test Holes
☐ Irrigation ☐ Industrial ☐ Institutional ☐ Monitoring well

METHOD OF DRILLING: Mud & Rotary

CASING DATA: ☒ Steel ☐ Plastic ☐ Other

If other describe _____

WEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
18 LB/FT	6 IN	0 FT	915 FT	8¾ IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
Cmt	205	153 lb./gal	0 ft.	915 ft.
		lb./gal	ft.	ft.

Describe grouting procedure: Mtl Cementing

SCREEN: ☐ Perforated pipe ☒ Manufactured

Diameter 3" IN Length 40 FEET

Material PVC

Slot Size .020 Set From 915 Feet to 955 Feet

Other information: Sil K Packer

WAS A PACKER OR SEAL USED? ☒ YES ☐ NO

If so, what material? 3" x 6½" K Packer

Describe packer(s) and location? Packer Set 905

DISINFECTION: Was well disinfected upon completion?

___ YES, How: _____

✗ NO, Why Not? NA

Laboratory sent to for water quality analysis: Respec

STATIC WATER LEVEL 0 Feet

If flowing: closed in pressure 42 PSI

GPM flow ½ through 2 inch pipe

Controlled by ☒ Valve ☐ Reducers ☐ Other _____

Reduced Flowrate _____ GPM

Can well be completely shut in? Yes

WELL TEST DATA:

☐ Pumped Describe: Air lift at 900'

☐ Bailed

☐ Other

Pumping Level Below Land Surface

_____ ft. _____ hrs. pumped _____ GPM

_____ ft. _____ hrs. pumped _____ GPM

If pump installed, pump rate _____ GPM

RECEIVED MAY 20 2008 WATER RIGHTS PROGRAM

RECEIVED MAY 20 2008 WATER RIGHTS PROGRAM

REMARKS Dewey Burdock

6-5-1

This well was drilled under license # 745

And this report is true and accurate.

Drilling firm: Davis Drilling Inc

Signature of License Representative: Steve Davis

Signature of Well Owner or Equitable Property Holder: _____

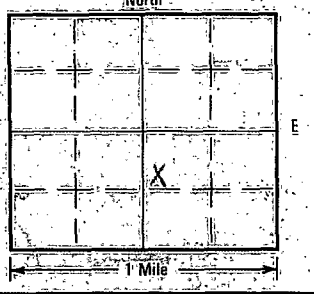
Date: 5/5/08

SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location NW ¼ SE ¼ Sec 29 Twp 65 Rg 1E
County

Please mark well location with an "X"



Well Completion Date
3-4-08

Well Owner: Power Tech
Business Name: Power Tech USA INC
Address: P.O. Box 723
Hot Springs SD 57747

WELL LOG:

FORMATION	DEPTH FROM	DEPTH TO
Shell Creek Shale	0	530
Fall River S.S	530	650

LOCATION:
Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? ____ ft. from NONE PRESENT (identify source).

PROPOSED USE:
☐ Domestic/Stock ☐ Municipal ☐ Business ☐ Test Holes
☐ Irrigation ☐ Industrial ☐ Institutional ☒ Monitoring well

METHOD OF DRILLING:
Mud Rotary

CASING DATA: ☐ Steel ☑ Plastic ☐ Other
If other describe: ____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
SDR 17 LB/FT	4 IN	0 FT	635 FT	6 3/4 IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
CMT	77	15.2 lb./gal	0 ft	635 ft
		lb./gal	ft	ft

Describe grouting procedure: DUMP

SCREEN: ☐ Perforated pipe ☒ Manufactured
Diameter 2 IN Length 15 FEET
Material PVC
Slot Size 0.20 Set From 650 Feet to 635 Feet
Other information Sil K Packer

WAS A PACKER OR SEAL USED? ☑ YES ☐ NO
If so, what material? Sil K Packer
Describe packer(s) and location? Packer 675

DISINFECTION: Was well disinfected upon completion?
YES, How: ____
X NO, Why Not? N/A

Laboratory sent to for water quality analysis
RESPEC

STATIC WATER LEVEL 81.9 Feet
If flowing: closed in pressure ____ PSI
GPM flow ____ through ____ inch pipe
Controlled by ☐ Valve ☐ Reducers ☐ Other ____
Reduced Flowrate ____ GPM
Can well be completely shut in? Yes

WELL TEST DATA:
☐ Pumped Describe: Air lift at 620
☐ Bailed
☑ Other
Pumping Level Below Land Surface
____ ft. After ____ Hrs. pumped ____ GPM
____ ft. After ____ Hrs. pumped ____ GPM
If pump installed, pump rate ____ GPM

REMARKS
Dewey Burdock 7-29-7

This well was drilled under license # 795
And this report is true and accurate.
Drilling firm Davis Drilling INC
Signature of License Representative: Steve Davis
Signature of Well Owner or Equitable Property Holder: Power Tech
Date: 3/19/08

07-11-11C

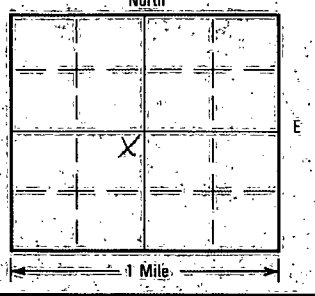
SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location SW ¼ NW ¼ Sec 11 Twp 75 Rg 1 E

County Fall River

Please mark well location with an "X"



Well Completion Date

12-19-07

LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? ____ ft. from NONE Present (identify source)

PROPOSED USE:

☐ Domestic/Stock ☐ Municipal ☐ Business ☐ Test Holes
☐ Irrigation ☐ Industrial ☐ Institutional ☒ Monitoring well

METHOD OF DRILLING:

Mud Rotary

CASING DATA: ☐ Steel ☒ Plastic ☐ Other

If other, describe ____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
SDR 21 LB/FT	6 IN	0 FT	426 FT	8¾ IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
CMT	75.5	15.1 lb./gal	426 ft	0 ft
		lb./gal	ft	ft

Describe grouting procedure Pump

SCREEN: ☐ Perforated pipe ☒ Manufactured

Diameter 4½ IN Length 10 FEET

Material PVC

Slot Size .025 Set From 436 Feet to 426 Feet

Other information Set With K Packer

WAS A PACKER OR SEAL USED? ☒ YES ☐ NO

If so, what material? 6" K Packer

Describe packer(s) and location? K Packer 406'

DISINFECTION: Was well disinfected upon completion?

YES. How: ____

X NO. Why Not? NA

Laboratory sent to for water quality analysis.

RESPEC

Well Owner: ~~[illegible]~~ Powertech

Business Name: Powertech USA Inc

Address: P.O. Box 723

Hot Springs S.D 57747

WELL LOG:

FORMATION	DEPTH FROM	DEPTH TO
Skull Creek Sh	0'	122'
Fall River SS	122'	250'
Fuson Sh	250'	317'
Lakota SS	317'	436'

STATIC WATER LEVEL 29 Feet

If flowing: closed in pressure NA PSI

GPM flow ____ through ____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other ____

Reduced Flowrate ____ GPM

Can well be completely shut in? YES

WELL TEST DATA:

☐ Pumped Describe: Airlift ran 3 hrs

☐ Bailed

☒ Other

Pumping Level Below Land Surface

____ ft. After ____ Hrs. pumped 240 cubic Feet GPM

____ ft. After ____ Hrs. pumped ____ GPM

If pump installed, pump rate ____ GPM

REMARKS Well DD 07-11-11C

lithology attached.

This well was drilled under license # 745

And this report is true and accurate.

Drilling firm Davis Drilling Inc

Signature of License Representative: Stan Davis

Signature of Well Owner or Equitable Property Holder: Powertech (USA) Inc

Date: 12-31-07

SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location NE ¼ NW ¼ Sec 32 Twp 6 S Rg 1 E

County Custer

Please mark well location with an "X"

North

W E

1 Mile

Well Completion Date 2-6-08

Well Owner: Pow-Tek

Business Name: Powertel USA Inc.

Address: P.O. Box 723

Pl. S. SD 57717

WELL LOG:

FORMATION	DEPTH FROM	DEPTH TO
Skull Creek Shale	0	420'
Fall River Sandstone	420'	605'

LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? ____ ft. from None Present (identify source)

PROPOSED USE:

☐ Domestic/Stock ☐ Municipal ☑ Business ☐ Test Holes

☐ Irrigation ☐ Industrial ☐ Institutional ☑ Monitoring well

METHOD OF DRILLING: Mud Rotary

CASING DATA: ☐ Steel ☑ Plastic ☐ Other

If other describe ____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
SDR 17 LB/FT	4 IN	0 FT	590 FT	6¼ IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUTING DATA:

Grout Type	No. of Sacks	Grout Weight	From	To
Cmt	60	15.8 lb./gal	590 ft.	0 ft.
		lb./gal	ft.	ft.

Describe grouting procedure Pump

SCREEN: ☐ Perforated pipe ☑ Manufactured

Diameter 2 IN Length 15 FEET

Material PVC

Slot Size .020 Set From 605 Feet to 590 Feet

Other information Blank Pipe

WAS A PACKER OR SEAL USED? ☑ YES ☐ NO

If so, what material? Blank Pipe

Describe packer(s) and location? Pack 580

DISINFECTION: Was well disinfected upon completion?

____ YES How: ____

X NO Why Not? N/A

Laboratory sent to for water quality analysis

Results

STATIC WATER LEVEL 0 Feet

If flowing: closed in pressure 3 PSI

GPM flow 5 through 2 inch pipe

Controlled by ☑ Valve ☐ Reducers ☐ Other ____

Reduced flowrate ____ GPM

Can well be completely shut in? Yes

WELL TEST DATA:

☐ Pumped Describe: Air Lift @ 580

☐ Bailed

☑ Other

Pumping Level Below Land Surface

____ ft. After ____ Hrs. pumped ____ GPM

____ ft. After ____ Hrs. pumped ____ GPM

If pump installed, pump rate ____ GPM

REMARKS: Dewey Burdock 7-32-5

This well was drilled under license # 745

And this report is true and accurate.

Drilling firm Davis Drilling Inc.

Signature of License Representative: [signature]

Signature of Well Owner or Equitable Property Holder: Pow-Tek

Date 2/26/08

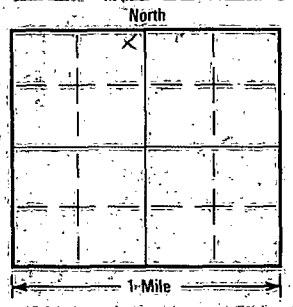
SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location: NE ¼ NW ¼ Sec 32 Twp 65 Rg 16

County: Custer

Please mark well location with an "X"



Well Completion Date: 3-11-08

Well Owner: Power Tech

Business Name: Power Tech USA Inc

Address: P.O. Box 723

Hot Springs, S.D. 57747

WELL LOG:

FORMATION	DEPTH FROM	DEPTH TO
Skull Creek Shale	0	475
Fall River S.S	475	620
Fuson Shale	620	665
Lakota S.S	665	715

LOCATION:
Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? ____ ft. from None Found (identify source).

PROPOSED USE:
☐ Domestic/Stock ☐ Municipal ☐ Business ☐ Test Holes
☐ Irrigation ☐ Industrial ☐ Institutional ☒ Monitoring well

METHOD OF DRILLING:
Mud Rotary

CASING DATA: ☐ Steel ☒ Plastic ☐ Other
If other describe ____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
SDR 17 LB/FT	6 IN	0 FT	715 FT	8¾ IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
CMT	86	15.2 lb./gal	0 ft	715 ft
		lb./gal	ft	ft

Describe grouting procedure: Pump

SCREEN: ☐ Perforated pipe ☒ Manufactured
Diameter: 3 IN Length: 15 FEET
Material: PVC
Slot Size: .020 Set From: 730 Feet to: 715 Feet
Other information: Cut K Packer

WAS A PACKER OR SEAL USED? ☐ YES ☐ NO
If so, what material? 6" K Packer
Describe packer(s) and location? Packer set at 705'

DISINFECTION: Was well disinfected upon completion?
☐ YES, How: ____
☒ NO, Why Not? N/A

Laboratory sent to for water quality analysis: None

STATIC WATER LEVEL 0 Feet
If flowing: closed in pressure 23.5 PSI
GPM flow 45 through 2 inch pipe
Controlled by ☒ Valve ☐ Reducers ☐ Other ____
Reduced Flowrate ____ GPM
Can well be completely shut in? Yes

WELL TEST DATA:
☐ Pumped Describe: Air lift at 700'
☐ Bailed
☒ Other
Pumping Level Below Land Surface
____ ft. After ____ Hrs. pumped ____ GPM
____ ft. After ____ Hrs. pumped ____ GPM
If pump installed, pump rate ____ GPM

REMARKS
Dewey Burdick
7-32-10

This well was drilled under license # 745
And this report is true and accurate.
Drilling firm: Daniel Drilling Inc
Signature of License Representative: [signature]
Signature of Well Owner or Equitable Property Holder: [signature]
Date: 3/18/08

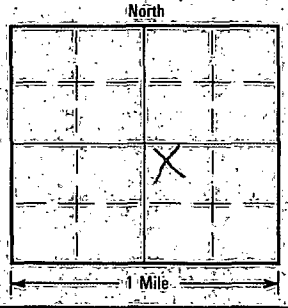
SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location: NW ¼ SE ¼ Sec 1 Twp 75 Rg 12

County: Fall River

Please mark well location with an "X"



Well Completion Date: 3-26-08

LOCATION:
Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)?: ____ ft. from NONE PRESENT (identify source)

PROPOSED USE:
☐ Domestic/Stock ☐ Municipal ☐ Business ☐ Test Holes
☐ Irrigation ☐ Industrial ☐ Institutional ☒ Monitoring well

METHOD OF DRILLING:
Mud Rotary

CASING DATA: ☐ Steel ☒ Plastic ☐ Other
If other describe: ____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
SDR21 LB/FT	6 IN	0 FT	166 FT	8¾ IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
CMT	34	15.2 lb./gal	0 ft	166 ft
		lb./gal	ft	ft

Describe grouting procedure: Dump

SCREEN: ☐ Perforated pipe ☒ Manufactured
Diameter: 3 IN Length: 30 FEET
Material: PVC
Slot Size: .020 Set From: 166 Feet to: 196 Feet
Other information: Sol K Packer

WAS A PACKER OR SEAL USED? ☒ YES ☐ NO
If so, what material? 6' x 3' K Packer
Describe packer(s) and location? Packer set at 156

DISINFECTION: Was well disinfected upon completion?
____ YES, How: ____
X NO, Why Not? NA
Laboratory sent to for water quality analysis: Resp. C.

Well Owner: Power Tech
Business Name: Power Tech USA Inc
Address: P.O. Box 723
Hot Springs S.D 57747

WELL LOG:

FORMATION	DEPTH FROM	DEPTH TO
Fall River	0	55
Fuson	55	80
Lakota	80	166

STATIC WATER LEVEL 138 Feet
If flowing: closed in pressure ____ PSI
GPM flow ____ through ____ inch pipe
Controlled by ☐ Valve ☐ Reducers ☐ Other ____
Reduced Flowrate ____ GPM
Can well be completely shut in? Yes

WELL TEST DATA:
☐ Pumped Describe: Air lift at 150'
☐ Bailed
☐ Other
Pumping Level Below Land Surface
____ ft. After ____ Hrs. pumped ____ GPM
____ ft. After ____ Hrs. pumped ____ GPM
If pump installed, pump rate ____ GPM

REMARKS Dewey Burdick 8-1-6

This well was drilled under license # 745
And this report is true and accurate.
Drilling firm: Davis Drilling
Signature of License Representative: Steve Davis
Signature of Well Owner or Equitable Property Holder: ____
Date: 4/22/08

SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location SW ¼ NE ¼ Sec 2 Twp 7S Rg 1E

County Fall River

Please mark well location with an "X"

North

W X E

1 Mile

Well Completion Date 3-25-08

Well Owner: Power Tech

Business Name: Power Tech USA Inc

Address: P.O. Box 773

Hot Springs S.D. 57747

WELL LOG:

FORMATION	DEPTH FROM	DEPTH TO
Shell Creek Sh.	0	75
Fall River Ss	75	205

LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? ____ ft. from NONE Present (identify source).

PROPOSED USE:

☐ Domestic/Stock ☐ Municipal ☐ Business ☐ Test Holes
☐ Irrigation ☐ Industrial ☐ Institutional ☒ Monitoring well

METHOD OF DRILLING:

Mud & Rotary

CASING DATA: ☐ Steel ☒ Plastic ☐ Other

If other describe ____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
SDR 21 LB/FT	6 IN	0 FT	180 FT	8 3/4 IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
Cmt	35	15.6 lb./gal	0 ft	180 ft
		lb./gal	ft	ft

Describe grouting procedure ____

SCREEN: ☒ Perforated pipe ☒ Manufactured

Diameter 3 IN Length 25 FEET

Material PVC

Slot Size .020 Set From 180 Feet to 205 Feet

Other information Set K. Pack.

WAS A PACKER OR SEAL USED? ☑ YES ☐ NO

If so, what material? 6" x 3' K. Pack.

Describe packer(s) and location? Pack. Set at 170'

DISINFECTION: Was well disinfected upon completion?

YES How: ____

Laboratory sent to for water quality analysis: Results

X NO Why Not? N.A.

STATIC WATER LEVEL 34.36 Feet

If flowing: closed in pressure ____ PSI

GPM flow ____ through ____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other ____

Reduced Flowrate ____ GPM

Can well be completely shut in? Y.

WELL TEST DATA:

☐ Pumped Describe: Mist at 165

☐ Bailed

☐ Other

Pumping Level Below Land Surface

____ ft. After ____ Hrs. pumped ____ GPM

____ ft. After ____ Hrs. pumped ____ GPM

If pump installed, pump rate ____ GPM

REMARKS Dewey Burdock

8-2-1

This well was drilled under license # 745

And this report is true and accurate.

Drilling firm Davis Drilling

Signature of License Representative: Steve Davis

Signature of Well Owner or Equitable Property Holder: ____

Date: 4/22/08

SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location: NE ¼ SW ¼ Sec. 11 Twp. 65 Rg. 12

County: Fall River

Please mark well location with an "X"

North

W

E

X

1 Mile

Well Completion Date: 4-1-08

Well Owner: Power Tech

Business Name: Power Tech USA Inc.

Address: P.O. Box 723

Hot Springs S.D. 57747

WELL LOG:

FORMATION	DEPTH FROM	DEPTH TO
Skull Creek	0	128
Fall River	128	255

LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? ____ ft. from NOWE PRESENT (identify source).

PROPOSED USE:

☑ Domestic/Stock ☐ Municipal ☐ Business ☐ Test Holes

☐ Irrigation ☐ Industrial ☐ Institutional ☑ Monitoring well

METHOD OF DRILLING: Mud Rotary

CASING DATA: ☐ Steel ☒ Plastic ☐ Other

If other describe ____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
SDR 17 LB/FT	6 IN	0 FT	245 FT	8 3/4 IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
SMT	45	15.2 lb./gal	0 ft.	245 ft.
		lb./gal	ft.	ft.

Describe grouting procedure: Pump

SCREEN: ☐ Perforated pipe ☒ Manufactured

Diameter: 3 IN. Length: 10' FEET

Material: PVC

Slot Size: 0020 Set From: 245 Feet to: 255 Feet

Other information: S.K. Packer

WAS A PACKER OR SEAL USED? ☑ YES ☐ NO

If so, what material? S.K. Packer

Describe packer(s) and location? Packer set at 235

DISINFECTION: Was well disinfected upon completion?

YES. How: ____

Laboratory sent to for water quality analysis: Reliper

X NO. Why Not? NA

STATIC WATER LEVEL: 39 Feet

If flowing: closed in pressure ____ PSI

GPM flow ____ through ____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other ____

Reduced Flowrate ____ GPM

Can well be completely shut in? Yes

WELL TEST DATA:

☐ Pumped Describe: Air lift at 230'

☐ Bailed

☐ Other

Pumping Level Below Land Surface

____ ft. After ____ Hrs. pumped ____ GPM

____ ft. After ____ Hrs. pumped ____ GPM

If pump installed, pump rate ____ GPM

REMARKS: Dewey Burdick 8-11-17

This well was drilled under license # 745

And this report is true and accurate.

Drilling firm: Davis Drilling

Signature of License Representative: Stan Davis

Signature of Well Owner or Equitable Property Holder: [signature]

Date: 4/22/08

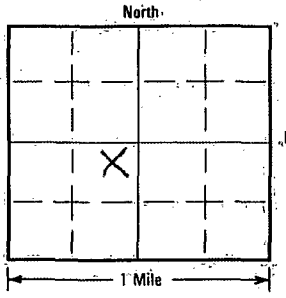
SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location: NE ¼ SW ¼ Sec 11 Twp 65 Rg 1E

County: Fall River

Please mark well location with an "X"



Well Completion Date: 4-15-08

Well Owner: Powl [illegible]

Business Name: [illegible]

Address: [illegible] 723

[illegible]

WELL LOG:

FORMATION	DEPTH FROM	DEPTH TO
Skull Creek	0	115
Fall River	115	245
Fuson	245	310
Lakota	310	455
Morrison	455	560
UNKPAPA	560	621

LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? ____ ft. from NONE Present (identify source):

PROPOSED USE:

☐ Domestic/Stock ☐ Municipal ☐ Business ☐ Test Holes
☐ Irrigation ☐ Industrial ☐ Institutional ☒ Monitoring well

METHOD OF DRILLING: Mud Rotary

CASING DATA: ☒ Steel ☐ Plastic ☐ Other

If other describe ____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
8 LB/FT	5.6 IN	0 FT	621 FT	8 1/4 IN
____ LB/FT	____ IN	____ FT	____ FT	____ IN
____ LB/FT	____ IN	____ FT	____ FT	____ IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
Cem.	104	15.2 lb./gal	0 ft.	121 ft.
		lb./gal	ft.	ft.

Describe grouting procedure: Pump.

SCREEN: ☐ Perforated pipe ☒ Manufactured

Diameter 3 IN Length 10 FEET

Material PVC

Slot Size .020 Set From 121 Feet to 131 Feet

Other information: [illegible] Packer

WAS A PACKER OR SEAL USED? ☒ YES ☐ NO

If so, what material? [illegible] Packer

Describe packer(s) and location? Packer [illegible] 611

DISINFECTION: Was well disinfected upon completion?

YES. How: ____

NO. Why Not? NA

Laboratory sent to for water quality analysis: [illegible]

STATIC WATER LEVEL 0 Feet

If flowing: closed in pressure 1 PSI

GPM flow ¼ through 2 inch pipe

Controlled by ☒ Valve ☐ Reducers ☐ Other ____

Reduced Flowrate ____ GPM

Can well be completely shut in? Yes

WELL TEST DATA:

☐ Pumped. Describe: [illegible] 165

☒ Bailed

☐ Other

Pumping Level Below Land Surface

____ ft. After ____ Hrs. pumped ____ GPM

____ ft. After ____ Hrs. pumped ____ GPM

If pump installed, pump rate ____ GPM

REMARKS DEWEY Burdock

8-11-18

This well was drilled under license # 745

And this report is true and accurate.

Drilling firm: [illegible] Drill.

Signature of License Representative: [illegible]

Signature of Well Owner or Equitable Property Holder: [illegible]

Date: 5/5/08

4-14-08

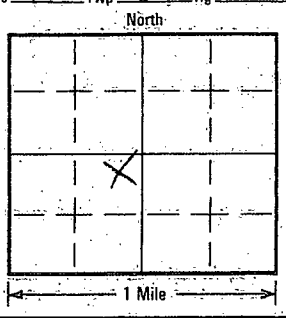
SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location: NE ¼ SW ¼ Sec 11 Twp 6S Rg 1E

County: Fall River

Please mark well location with an "X"



Well Completion Date: 4-16-08

Well Owner: Power Tech

Business Name: Power Tech USA INC

Address: P.O. Box 723

Hot Springs S.D 57747

WELL LOG:

FORMATION	DEPTH FROM	DEPTH TO
Skull Creek	0	125
Fall River	125	250
Fuson	250	325
Lakota	325	335

LOCATION:
Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? ____ ft. from NONE Present (identify source).

PROPOSED USE:
☐ Domestic/Stock ☐ Municipal ☐ Business ☐ Test Holes
☐ Irrigation ☐ Industrial ☐ Institutional ☒ Monitoring well

METHOD OF DRILLING: mud & Rotary

CASING DATA: ☐ Steel ☒ Plastic ☐ Other
If other describe ____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
SDR 17 LB/FT	6 IN	0 FT	325 FT	8 3/4 IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
cmt	58	15.2 lb./gal	0 ft	325 ft
		lb./gal	ft	ft

Describe grouting procedure: pump

SCREEN: ☐ Perforated pipe ☒ Manufactured
Diameter 3 IN Length 10 FEET
Material PVC
Slot Size .020 Set From 325 Feet to 335 Feet
Other information: SET K Packer

WAS A PACKER OR SEAL USED? ☒ YES ☐ NO
If so, what material? 6" X 3" K Packer
Describe packer(s) and location? Packer Set at 315

DISINFECTION: Was well disinfected upon completion?
YES, How: ____
X NO, Why Not? NA

Laboratory sent to for water quality analysis: Respec

STATIC WATER LEVEL 39.6 Feet
If flowing: closed in pressure ____ PSI
GPM flow ____ through ____ inch pipe
Controlled by ☐ Valve ☐ Reducers ☐ Other ____
Reduced Flowrate ____ GPM
Can well be completely shut in? YES

WELL TEST DATA:
☐ Pumped Describe: Airlift at 310
☐ Bailed
☐ Other
Pumping Level Below Land Surface
____ ft. After ____ Hrs. pumped ____ GPM
____ ft. After ____ Hrs. pumped ____ GPM
If pump installed, pump rate ____ GPM

REMARKS DEWEY Burdock
8-11-19

This well was drilled under license # 745
And this report is true and accurate.
Drilling firm: Davis Drilling
Signature of License Representative: Steve Davis
Signature of Well Owner or Equitable Property Holder:
Date: 5/5/08

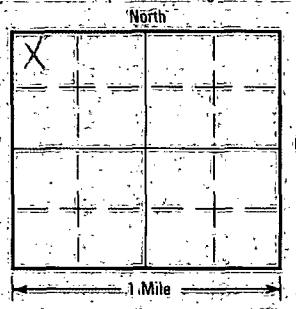
SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location NW ¼ NW ¼ Sec 15 Twp 7S Rg 1E

County Fall River

Please mark well location with an "X"



Well Completion Date 3-21-08

Well Owner: Power Tech

Business Name: Power Tech USA Inc

Address: P.O. Box 723

Hot Springs S.D. 57747

WELL LOG:

FORMATION	DEPTH FROM	DEPTH TO
Skull Creek Shale	0	295
Fall River S.S	295	425
Fuson Shale	425	475
Lakota	475	587

LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? ____ ft. from None Present (identify source).

PROPOSED USE:

☐ Domestic/Stock ☐ Municipal ☐ Business ☐ Test Holes
☐ Irrigation ☐ Industrial ☐ Institutional ☒ Monitoring well

METHOD OF DRILLING: Mud & Rotary

CASING DATA: ☐ Steel ☑ Plastic ☐ Other

If other describe ____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
SDR 17 LB/FT	6 IN	0 FT	572 FT	8¾ IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
Cmt	86	15.1 lb./gal	0 ft	572 ft
		lb./gal	ft	ft

Describe grouting procedure Dump

SCREEN: ☐ Perforated pipe ☒ Manufactured

Diameter 3 IN Length 15 FEET

Material PVC

Slot Size .020 Set From 572 Feet to 587 Feet

Other information Set K Packer

WAS A PACKER OR SEAL USED? ☒ YES ☐ NO

If so, what material? 6" X 4" K Packer 4" X 3" Bell

Describe packer(s) and location? Packer set at 562'

DISINFECTION: Was well disinfected upon completion?

YES How: ____

☒ NO, Why Not? NA

Laboratory sent to for water quality analysis

Respec

STATIC WATER LEVEL 0 Feet

If flowing: closed in pressure 15 PSI

GPM flow 60 through 2 inch pipe

Controlled by ☒ Valve ☐ Reducers ☐ Other ____

Reduced Flowrate ____ GPM

Can well be completely shut in? Yes

WELL TEST DATA:

☐ Pumped Describe: Airlift at 560

☒ Bailed

☐ Other

Pumping Level Below Land Surface

____ ft. After ____ Hrs. pumped ____ GPM

____ ft. After ____ Hrs. pumped ____ GPM

If pump installed, pump rate ____ GPM

REMARKS Dewey Burdick

8-15-2

This well was drilled under license # 745

And this report is true and accurate.

Drilling firm Davis Drilling

Signature of License Representative: Steve Davis

Signature of Well Owner or Equitable Property Holder: Dan Tolan

Date: 4-1-08

SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location NW ¼ NW ¼ Sec 15 Twp 7S Rg 1E

County Fall River

Please mark well location with an "X"

North

W E

1 Mile

Well Completion Date 3-22-08

Well Owner: Power Tech

Business Name: Power Tech USA Inc

Address: P.O. Box 723

Hot Springs S.D. 57747

WELL LOG:

FORMATION	DEPTH FROM	DEPTH TO
Skull Creek Shale	0	295
Fall River S.S.	295	392

LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? ____ ft. from None Present (identify source).

PROPOSED USE:

☐ Domestic/Stock ☐ Municipal ☐ Business ☐ Test Holes
☐ Irrigation ☐ Industrial ☐ Institutional ☒ Monitoring well

METHOD OF DRILLING: Mud + Rotary

CASING DATA: ☐ Steel ☒ Plastic ☐ Other

If other describe ____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
SDR 17 LB/FT	6 IN	0 FT	377 FT	8¾ IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
Cmt	59	15.2 lb./gal	0 ft	377 ft
		lb./gal	ft	ft

Describe grouting procedure: Pump

SCREEN: ☐ Perforated pipe ☒ Manufactured

Diameter 3 IN Length 15 FEET

Material PVC

Slot Size .020 Set From 377 Feet to 392 Feet

Other information: S.L. K Packer

WAS A PACKER OR SEAL USED? ☒ YES ☐ NO

If so, what material? 6" x 4" M Packer 4" x 3" Bell

Describe packer(s) and location? Packer Set AT 367'

DISINFECTION: Was well disinfected upon completion?

YES How: ____

☒ NO, Why Not? NA

Laboratory sent to for water quality analysis: Results

STATIC WATER LEVEL 0 Feet

If flowing: closed in pressure 7 PSI

GPM flow 2 through 2 inch pipe

Controlled by ☒ Valve ☐ Reducers ☐ Other ____

Reduced Flowrate ____ GPM

Can well be completely shut in? Yes

WELL TEST DATA:

☐ Pumped Describe: Air lift AT 360'

☐ Bailed

☐ Other

Pumping Level Below Land Surface

____ ft. After ____ Hrs. pumped ____ GPM

____ ft. After ____ Hrs. pumped ____ GPM

If pump installed, pump rate ____ GPM

REMARKS Dewey Burdock

8-15-3

This well was drilled under license # 745

And this report is true and accurate.

Drilling firm: Davis Drilling

Signature of License Representative: Steve Davis

Signature of Well Owner or Equitable Property Holder: Dan Isaac

Date: 4-1-08

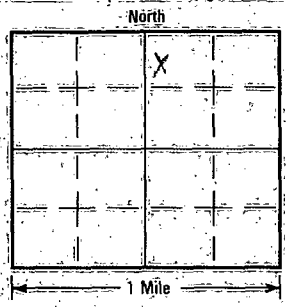
SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location NW ¼ NE ¼ Sec 32 Twp 63 Rg 1E

County Custer

Please mark well location with an "X"



Well Completion Date 2-4-08

Well Owner: Powertech

Business Name: Powertech USA Inc

Address: P.O. Box 723
Hot Springs SD 57747

WELL LOG:

FORMATION	DEPTH FROM	DEPTH TO
Skull Creek Shale	0	473'
Fall River Sandstone	473'	595'

LOCATION:
Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? ____ ft. from NONE Present (identify source).

PROPOSED USE:
☐ Domestic/Stock ☐ Municipal ☐ Business ☐ Test Holes
☐ Irrigation ☐ Industrial ☐ Institutional ☒ Monitoring well

METHOD OF DRILLING: Mud Rotary

CASING DATA: ☐ Steel ☒ Plastic ☐ Other
If other describe ____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
SDR 17 LB/FT	4 IN	595 FT	580 FT	6¾ IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
CMT	77	15.2 lb./gal	0 ft.	530 ft.
		lb./gal	ft.	ft.

Describe grouting procedure pump

SCREEN: ☐ Perforated pipe ☒ Manufactured
Diameter 2 IN Length 15 FEET
Material PVC
Slot Size .020 Set From 595 Feet to 580 Feet
Other information Set K Packer

WAS A PACKER OR SEAL USED? ☑ YES ☐ NO
If so, what material? 4" K Packer
Describe packer(s) and location? Packer 570'

DISINFECTION: Was well disinfected upon completion?
____ YES How: ____
X NO Why Not? NA

Laboratory sent to for water quality analysis.
Report

STATIC WATER LEVEL 0 Feet
If flowing: closed in pressure 6 PSI
GPM flow 15 through 2 inch pipe
Controlled by ☒ Valve ☐ Reducers ☐ Other ____
Reduced Flowrate ____ GPM
Can well be completely shut in? Yes

WELL TEST DATA:
☐ Pumped Describe: Air lift @ 570'
☐ Bailed
☐ Other

Pumping Level Below Land Surface
____ ft. After ____ Hrs. pumped ____ GPM
____ ft. After ____ Hrs. pumped ____ GPM
If pump installed, pump rate ____ GPM

REMARKS Dewey Burdock 32-4C

This well was drilled under license # 745

And this report is true and accurate.

Drilling firm Davis Drilling Inc

Signature of License Representative: [signature]

Signature of Well Owner or Equitable Property Holder:
Power Tech

Date: 2/27/08

SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location NE ¼ NW ¼ Sec 32 Twp 65 Rg 16E

County Custer

Please mark well location with an "X"

North

W E

1 Mile

Well Completion Date 3-10-08

Well Owner: Power Tech

Business Name: Power Tech USA Inc

Address: P.O. Box 773

Hot Springs SD 57747

WELL LOG:

FORMATION	DEPTH FROM	DEPTH TO
Shale Clay & Silt	0	475
Fall River S.L.	475	505

LOCATION:
Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? ____ ft. from None Present (identify source).

PROPOSED USE:
☐ Domestic/Stock ☐ Municipal ☐ Business ☐ Test Holes
☐ Irrigation ☐ Industrial ☐ Institutional ☑ Monitoring well

METHOD OF DRILLING:
Mud Rotary

CASING DATA: ☐ Steel ☑ Plastic ☐ Other
If other describe ____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
SDR 17 LB/FT	6 IN	0 FT	490 FT	8 3/4 IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
Cmt	10.7	15.7 lb./gal	0 ft.	490 ft.
		lb./gal	ft.	ft.

Describe grouting procedure: Pump

SCREEN: ☐ Perforated pipe ☑ Manufactured
Diameter 3 IN Length 15 FEET
Material PVC
Slot Size .020 Set From 490 Feet to 505 Feet
Other information: Sand Pack

WAS A PACKER OR SEAL USED? ☑ YES ☐ NO
If so, what material? Clay Pack
Describe packer(s) and location? Pack at 480'

DISINFECTION: Was well disinfected upon completion?
YES How: ____
☑ NO Why Not? N/A

Laboratory sent to for water quality analysis: Rapid

STATIC WATER LEVEL 11 Feet
If flowing: closed in pressure 6.5 PSI
GPM flow 6 through 2 inch pipe
Controlled by ☑ Valve ☐ Reducers ☐ Other ____
Reduced Flowrate ____ GPM
Can well be completely shut in? Yes

WELL TEST DATA:
☐ Pumped Describe: Bailed to 475
☑ Bailed
☐ Other
Pumping Level Below Land Surface
____ ft. After ____ Hrs. pumped ____ GPM
____ ft. After ____ Hrs. pumped ____ GPM
If pump installed, pump rate ____ GPM

REMARKS
Dewey Burdick
8-32-96

This well was drilled under license # 245
And this report is true and accurate.
Drilling firm: Davis Drilling Inc
Signature of License Representative: [signature]
Signature of Well Owner or Equitable Property Holder: Powertech
Date: 3/13/08

SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location NE ¼ NW ¼ Sec 32 Twp 6S Rg 1E

County: Custer

Please mark well location with an "X"

North X W E 1 Mile

Well Completion Date: 3-8-08

Well Owner: Power Tech

Business Name: Power Tech USA Inc

Address: P.O. Box 723, Hot Springs S.D. 57747

WELL LOG:

FORMATION	DEPTH FROM	DEPTH TO
Shell Creek Shale	0	475
Fall River S.S	475	620
Fuson Shale	620	670
Lakota S.S	670	765
Morrison Shale	765	865
UNKPAPA S.S	865	910

LOCATION: Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? ____ ft. from None Present (identify source).

PROPOSED USE: [X] Domestic/Stock [ ] Municipal [ ] Business [ ] Test Holes [ ] Irrigation [ ] Industrial [ ] Institutional [X] Monitoring well

METHOD OF DRILLING: Mud Rotary

CASING DATA: [X] Steel [X] Plastic [ ] Other

If other, describe ____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
18 LB/FT	6 IN	0 FT	910 FT	8 3/4 IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
CMT	719	15.7 lb./gal	0 ft	910 ft
		lb./gal	ft	ft

Describe grouting procedure: Pump Mud Grouting

SCREEN: [ ] Perforated pipe [X] Manufactured

Diameter 3 IN. Length 70' FEET

Material PVC

Slot Size .020 Set From 910 Feet to 930 Feet

Other information: 5.1 h Packer

WAS A PACKER OR SEAL USED? [X] YES [ ] NO

If so, what material? 6" h Packer

Describe packer(s) and location? Packer set 890'

DISINFECTION: Was well disinfected upon completion? [ ] YES, How: ____ [X] NO, Why Not? N/A

Laboratory sent to for water quality analysis: ____

STATIC WATER LEVEL 0 Feet

If flowing: closed in pressure 55 PSI

GPM flow 7 through 2 inch pipe

Controlled by [X] Valve [ ] Reducers [ ] Other ____

Reduced Flowrate ____ GPM

Can well be completely shut in? Yes

WELL TEST DATA: [ ] Pumped [ ] Bailed [X] Other

Describe: Bailed at 885'

Pumping Level Below Land Surface

____ ft. After ____ Hrs. pumped ____ GPM

____ ft. After ____ Hrs. pumped ____ GPM

If pump installed, pump rate ____ GPM

REMARKS

Dewey Burdock 8-32-11

This well was drilled under license # 745

And this report is true and accurate.

Drilling firm: Davis Drilling Inc

Signature of License Representative: Steve Davis

Signature of Well Owner or Equitable Property Holder: Power Tech

Date: 3/18/08

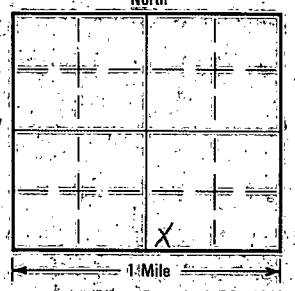
SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location SW ¼ SE ¼ Sec 32 Twp 6S Rg 1E

County: Custer

Please mark well location with an "X"



Well Completion Date: 3-15-08

LOCATION:
Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? _____ ft. from None Present (identify source).

PROPOSED USE:
☐ Domestic/Stock ☐ Municipal ☐ Business ☐ Test Holes
☐ Irrigation ☐ Industrial ☐ Institutional ☒ Monitoring well

METHOD OF DRILLING:
Mud + Rotary

CASING DATA: ☐ Steel ☑ Plastic ☐ Other
If other describe: _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
SDR 17 LB/FT	6 IN	0 FT	667 FT	8 3/4 IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
Cmt	112	13 ½ lb./gal	0 ft	667 ft
		lb./gal	ft	ft

Describe grouting procedure: Pump Bag Mix Cellophane

SCREEN: ☐ Perforated pipe ☒ Manufactured
Diameter 3 IN Length 15 FEET
Material PVC
Slot Size .020 Set From 667 Feet to 682 Feet
Other information: S.S. R. Packer

WAS A PACKER OR SEAL USED? ☑ YES ☐ NO
If so, what material? 6 x 4 R. Packer 4 x 3 bell
Describe packer(s) and location? Packer set at 667

DISINFECTION: Was well disinfected upon completion?
YES, How: _____
X NO, Why Not? N/A

Laboratory sent to for water quality analysis: None

Well Owner: Power Tech
Business Name: Power Tech USA Inc
Address: P.O. Box 723
Hot Springs S.D. 57747

WELL LOG:

FORMATION	DEPTH FROM	DEPTH TO
Skull Creek Shale	0	415
~~Fusion~~ Fall River	415	550
Fusion Shale	550	635
Lakota S.C	635	682

STATIC WATER LEVEL 0 Feet
If flowing: closed in pressure 40 PSI
GPM flow 30 through 2 inch pipe
Controlled by: ☑ Valve ☐ Reducers ☐ Other _____
Reduced Flowrate _____ GPM
Can well be completely shut in? Yes

WELL TEST DATA:
☐ Pumped Describe: Airlift at 650'
☐ Bailed
☐ Other
Pumping Level Below Land Surface:
_____ ft. After _____ Hrs. pumped _____ GPM
_____ ft. After _____ Hrs. pumped _____ GPM
If pump installed, pump rate _____ GPM

REMARKS: Dewey + Burdock
8-32 12

This well was drilled under license # 745
And this report is true and accurate:
Drilling firm: Davis Drilling Inc
Signature of License Representative: Sy Davis
Signature of Well Owner or Equitable Property Holder: [signature]
Date: 4-1-08

SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location SW ¼ SE ¼ Sec 32 Twp 65 Rg 1E

County: Custer

Please mark well location with an "X"

North / W / E / 1 Mile

Well Completion Date: 3-20-08

LOCATION:
Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? _____ ft. from Home Propane (identify source)

PROPOSED USE:
☐ Domestic/Stock ☐ Municipal ☐ Business ☐ Test Holes
☐ Irrigation ☐ Industrial ☐ Institutional ☒ Monitoring well

METHOD OF DRILLING:
Mud & Rotary

CASING DATA: ☐ Steel ☒ Plastic ☐ Other
If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
SDR 17 LB/FT	6 IN	0 FT	493 FT	8 3/4 IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
Cmt	10 bags	15.4 lb./gal	0 ft	493 ft
		lb./gal	ft	ft

Describe grouting procedure: Pump

SCREEN: ☐ Perforated pipe ☒ Manufactured
Diameter 3 IN Length 15 FEET
Material PVC
Slot Size .020 Set From 493 Feet to 508 Feet
Other information: Slot Key Packer

WAS A PACKER OR SEAL USED? ☒ YES ☐ NO
If so, what material? 6 x 4" K-Packer 4" x 3" bell
Describe packer(s) and location? Packer set at 493'

DISINFECTION: Was well disinfected upon completion?
YES How: _____
Laboratory sent to for water quality analysis: Report
✓ NO, Why Not? N/A

Well Owner: Power Tech
Business Name: Power Tech USA Inc
Address: P.O. Box 723
Hot Springs SD 57747

WELL LOG:

FORMATION	DEPTH FROM	DEPTH TO
Skull Creek Sh.	0	415
Fall River S.S.	415	508

STATIC WATER LEVEL 17 Feet
If flowing: closed in pressure 13 PSI
GPM flow 3 through 2 inch pipe
Controlled by ☒ Valve ☐ Reducers ☐ Other _____
Reduced Flowrate / GPM
Can well be completely shut in? Yes

WELL TEST DATA:
☒ Pumped Describe: Air lift at 480'
☐ Bailed
☐ Other
Pumping Level Below Land Surface
_____ ft. After _____ Hrs. pumped _____ GPM
_____ ft. After _____ Hrs. pumped _____ GPM
If pump installed, pump rate _____ GPM

REMARKS
Dewey Burdock
8-32-13

This well was drilled under license # 745
And this report is true and accurate.
Drilling firm: Davis Drilling
Signature of License Representative: Sta Davis
Signature of Well Owner or Equitable Property Holder: [signature]
Date: 4-1-08

SOUTH DAKOTA STATE WELL LOGS
NEAR DEWEY-BURDOCK

6-1-20

NOTICE OF WELL CONSTRUCTION

Custer

) WELL CONSTRUCTION

Location of well: SE 1/4 NE 1/4 Section 20 Township 6S Range 1E

Well owner Tennessee Valley Authority (Name) (Address)

Date well drilling completed 8-13-81 Purpose of well Observation (domestic, irrigation, municipal, industrial, other)

WELL LOG

Layers, top to top in feet	Description of layer
0-435	Blk sh
435-505	Intbd gy clst, ss
505-525	Lt tn & brn ss
525-550	IB gy clst-ss
550-590	IB rd brn & gy sltst & clst
590-600	Rd & brn ss
600-620	IB gy-gn & rd-brn sltst & clst
620-645	Gy-wht sltst
645-685	IB gy-wht sltst & pk sltst
685-695	Pk & brn ss w/gy clst
695-800	Brn, orng, tn, pk, rd & yw ss

Attach sheet if more space is needed

Depth to top of water producing aquifer 712 ft.

Depth to static water level 39.7 ft.

Name of producing aquifer (if known) Lakota

Total depth of drill hole 800 ft.

Depth to bottom of casing 712 ft.

Casing information: In the space below show kind, size, weight, lengths per diameter, etc., for production casing and surface casing, if used.

4" blk Iron 10#/ft

Screen information: In the space below show length of screen below bottom of casing, diameter and kind of screen or casing perforations.

open hole 712-800

If a flowing well, flow of completed well NA G.P.M.

Silver King Mines, Inc.

Name of Drilling Contractor

(2) PUMP INSTALLATION

Company name and size of pump _____ HP _____

Type of pump _____ Capacity of installed pump _____ G.P.M.

Depth of pump placement _____ ft., Date of pump installation _____

(3) WATER SURFACE MEASURING TUBE

- On some wells an air-tight water surface measuring tube is required. See Section 46.40B of Chapter 46:4, MINIMUM WELL CONSTRUCTION STANDARDS.
- Show exact vertical length of water surface measuring tube, when installed _____ ft., tube diameter _____ tube material _____.

Name of Pump Installation Contractor

DEC 1-81
DIVISION OF
WATER RIGHTS
Pierre, SD

NOTICE OF WELL CONSTRUCTION

~~Fall River~~ Custer

(1) WELL CONSTRUCTION

Location of well: NW 1/4 NE 1/4 Section 20 Township 6S Range 1E

Well owner Tennessee Valley Authority (Name) (Address)

Date well drilling completed 8-18-81 Purpose of well Observation (domestic, irrigation, municipal, industrial, other)

WELL LOG

Layers, top to top in feet	Description of layer
0-430	Blk sh
430-495	lB gy clst & ss
495-520	ln & brn ss
520-530	Gy & brn-gy clst
530-545	Rd-brn & tn ss
545-565	Rd-ppl clst
565-590	Pk, tn & brn ss

Attach sheet if more space is needed

Depth to top of water producing aquifer 505 ft.

Depth to static water level 21.0 ft.

Name of producing aquifer (if known) Fall River

Total depth of drill hole 590 ft.

Depth to bottom of casing 505 ft.

Casing information: In the space below show kind, size, weight, lengths per diameter, etc., for production casing and surface casing, if used.

4" blk iron 10#/ft

Screen information: In the space below show length of screen below bottom of casing, diameter and kind of screen or casing perforations.

open hole 505-590

If a flowing well, flow of completed well NA G.P.M.

Silver King Mines, Inc.

Name of Drilling Contractor

(2) PUMP INSTALLATION

Company name and size of pump _____ HP _____

Type of pump _____ Capacity of installed pump _____ G.P.M.

Depth of pump placement _____ ft., Date of pump installation _____

(3) WATER SURFACE MEASURING TUBE

On some wells an air-tight water surface measuring tube is required: See Section 46.40B of Chapter 46.4, MINIMUM WELL CONSTRUCTION STANDARDS.

Show exact vertical length of water surface measuring tube, when installed _____ ft., tube diameter _____ tube material _____.

Name of Pump Installation Contractor

DEC 1981
DIVISION OF
WATER RIGHTS
Pierre, SD

6-1-20

NOTICE OF WELL CONSTRUCTION

~~Fall River~~ Custer

(1) WELL CONSTRUCTION

Location of well: SE 1/4 NE 1/4 Section 20 Township 6S Range 1E

Well owner: Tennessee Valley Authority (Name) (Address)

Date well drilling completed: 10-17-81 Purpose of well: Test (domestic, irrigation, municipal, industrial, other)

WELL LOG

Layers, top to top in feet	Description of layer
0-440	Dk brn-gy shale
440-500	Gy & brn mudstone
500-520	Lt red sandstone
520-565	Dk brn & gy-gn mdst
565-600	Red sandstone
600-625	Dk brn mdst-sltst
625-645	Dk brn mdst
645-690	Gy & brn mdst w/int'd rd sltst
690-725	Red ss w/orng cht
725-755	Red sltst
755-800	Red ss w/wht, orng & gy chert pbl cgl

Attach sheet if more space is needed

Depth to top of water producing aquifer: 694 ft

Depth to static water level: 34.2 ft

Name of producing aquifer (if known): Lakota

Total depth of drill hole: 815 ft

Depth to bottom of casing: 694 ft

Casing information: In the space below show kind, size, weight, lengths per diameter, etc., for production casing and surface casing, if used.

0-25' 20" steel
0-695 10 3/4" steel
730-755 8 5/8" steel

Screen information: In the space below show length of screen below bottom of casing, diameter and kind of screen or casing perforations.

695-730 8 5/8" Johnson Well
755-800 .030 Screen slot galvanized

If a flowing well, flow of completed well: NA G.P.M.

Forward Drilling Company
Name of Drilling Contractor

(2) PUMP INSTALLATION

Company name and size of pump: Pioneer 6" HP 50

Type of pump: Submersible Capacity of installed pump: 325 G.P.M.

Depth of pump placement: 525 ft., Date of pump installation: 12-2-81

(3) WATER SURFACE MEASURING TUBE

On some wells an air-tight water surface measuring tube is required: See Section 46.408 of Chapter 46.4, MINIMUM WELL CONSTRUCTION STANDARDS.

Show exact vertical length of water surface measuring tube, when installed: 525 ft., tube diameter: 3/4"

tube material: poly

Great West Pump, Inc.
Name of Pump Installation Contractor

DEC 1981
DIVISION OF WATER RIGHTS
Pierre, SD

6-1-20

NOTICE OF WELL CONSTRUCTION

~~Fall River~~ Custer

(1) WELL CONSTRUCTION

Location of well: SW 1/4 NE 1/4 Section 20 Township 6S Range 1E

Well owner Tennessee Valley Authority (Name) (Address)

Date well drilling completed 9-15-81 Purpose of well Observation (domestic, irrigation, municipal, industrial, other)

WELL LOG

Layers, top to top in feet	Description of layer
0-450	Blk sh
450-520	lB gy clst & ss
520-555	Rd-brn & gy clst w/gy ss
555-570	Rd & brn ss
570-625	lB gy sltst & gy, gn & rd clst
625-655	Gy ss
655-740	lB gy slst w/gy-gn & brn clst
740-810	Tn, yw & rd-brn ss

Attach sheet if more space is needed

Depth to top of water producing aquifer 715 ft.

Depth to static water level 21.4 ft.

Name of producing aquifer (if known) Lakota

Total depth of drill hole 810 ft.

Depth to bottom of casing 715 ft.

Casing information: in the space below show kind, size, weight, lengths per diameter, etc., for production casing and surface casing, if used.

4" blk iron 10#/ft

Screen information: in the space below show length of screen below bottom of casing, diameter and kind of screen or casing perforations.

open hole 715-810

If a flowing well, flow of completed well NA G.P.M.

Silver King Mines, Inc.

Name of Drilling Contractor

(2) PUMP INSTALLATION

Company name and size of pump _____ HP _____

Type of pump _____ Capacity of installed pump _____ G.P.M.

Depth of pump placement _____ ft., Date of pump installation _____

(3) WATER SURFACE MEASURING TUBE

On some wells an air-tight water surface measuring tube is required: See Section 46.408 of Chapter 46.4, MINIMUM WELL CONSTRUCTION STANDARDS.

Show exact vertical length of water surface measuring tube, when installed _____ ft., tube diameter _____

tube material _____

Name of Pump Installation Contractor

DEC 1981
SION OF
GHTS

DWM-55

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NOTICE OF WELL CONSTRUCTION

(1) WELL CONSTRUCTION

Location of well: SE 1/4 NE 1/4 Section 20 Township 6S Range R1

Well owner Tennessee Valley Authority
(Name) (Address)

Date well drilling completed 9-15-81 Purpose of well Observation
(domestic, irrigation, municipal, industrial, other)

WELL LOG

Layers, top to top in feet	Description of layer
0-465	Blk sh
465-530	lB gy clst & ss
530-550	Rd & yw-brn ss
550-605	lB gn sltst & gn-gy clst
605-645	Gy clst w/gy-wht sltst
645-680	Gy ss
680-720	Gy w/gn clst
720-760	lB rd & yw-brn ss, gy sltst & rd-brn & brngy clst
760-835	Tn ss

Attach sheet if more space is needed

Depth to top of water producing aquifer 735 ft.

Depth to static water level 45.8 ft.

Name of producing aquifer (if known) Lakota

Total depth of drill hole 835 ft.

Depth to bottom of casing 735 ft.

Casing information: in the space below show kind, size, weight, lengths per diameter, etc., for production casing and surface casing, if used.

4" blk iron 10#/ft

Screen information: in the space below show length of screen below bottom of casing, diameter and kind of screen or casing perforations.

open hole 735-835

If a flowing well, flow of completed well NA G.P.M.

Silver King Mines, Inc.
Name of Drilling Contractor

(2) PUMP INSTALLATION

Company name and size of pump _____ HP. _____

Type of pump _____ Capacity of installed pump _____ G.P.M.

Depth of pump placement _____ ft., Date of pump installation _____

(3) WATER SURFACE MEASURING TUBE

On some wells an air-tight water surface measuring tube is required: See Section 46.408 of Chapter 46.4, MINIMUM WELL CONSTRUCTION STANDARDS.

Show exact vertical length of water surface measuring tube, when installed _____ ft., tube diameter _____, tube material _____.

_____
Name of Pump Installation Contractor

DEC 1981 OF RIGHTS

~~Fall River~~ Custer

DWM-50

NOTICE OF WELL CONSTRUCTION

(1) WELL CONSTRUCTION

Location of well: NE 1/4 NE 1/4 Section 20 Township 6S Range 1E

Well owner Tennessee Valley Authority (Name) (Address)

Date well drilling completed 8-17-81 Purpose of well Observation (domestic, irrigation, municipal, industrial, other)

WELL LOG

Layers, top to top in feet	Description of layer
0-420	Blk sh
420-490	LB gy clst & ss
490-585	LB gy, pk & orng sltsl & rd-brn & gn clst
585-615	Gy-gn & rd-brn clst
615-650	Gy-wht sltst
650-690	Gy & gn clst
690-735	Gy w/rd & ywbrn ss w/brn-gy clst
735-778+	Tn & yw-brn ss

Attach sheet if more space is needed

Depth to top of water producing aquifer 714 ft.

Depth to static water level 49.7 ft.

Name of producing aquifer (if known) Lakota

Total depth of drill hole 780 ft.

Depth to bottom of casing 714 ft.

Casing information: In the space below show kind, size, weight, lengths per diameter, etc., for production casing and surface casing, if used.

4" blk iron 10#/ft

Screen information: In the space below show length of screen below bottom of casing, diameter and kind of screen or casing perforations.

open hole 714-780

If a flowing well, flow of completed well NA G.P.M.

Silver King Mines, Inc.
Name of Drilling Contractor

(2) PUMP INSTALLATION

Company name and size of pump _____ HP _____

Type of pump _____ Capacity of installed pump _____ G.P.M.

Depth of pump placement _____ ft., Date of pump installation _____

(3) WATER SURFACE MEASURING TUBE

On some wells an air-tight water surface measuring tube is required: See Section 46.408 of Chapter 46.4, MINIMUM WELL CONSTRUCTION STANDARDS.

Show exact vertical length of water surface measuring tube, when installed _____ ft., tube diameter _____, tube material _____.

_____
Name of Pump Installation Contractor

OCT 1 81
DIVISION OF WATER RIGHTS
PIERRE, SD

DWM-52

Custer

NOTICE OF WELL CONSTRUCTION

(1) WELL CONSTRUCTION

Location of well: NE 1/4 NE 1/4 Section 20 Township 6S Range R1

Well owner Tennessee Valley Authority
(Name) (Address)

Date well drilling completed 8-17-81 Purpose of well Observation
(domestic, irrigation, municipal, industrial, other)

WELL LOG

Layers, top to top in feet	Description of layer
0-420	Blk sh
420-500	LB gy clst & ss
500-580	Gy, rd & tn ss w/gy & brn clst

Attach sheet if more space is needed

Depth to top of water producing aquifer 503 ft.

Depth to static water level 34.2 ft.

Name of producing aquifer (if known) Fall River

Total depth of drill hole 580 ft.

Depth to bottom of casing 503 ft.

Casing information: In the space below show kind, size, weight, lengths per diameter, etc., for production casing and surface casing, if used.

4" blk iron 10#/ft

Screen information: In the space below show length of screen below bottom of casing, diameter and kind of screen or casing perforations.

open hole 503-580

If a flowing well, flow of completed well NA G.P.M.

Silver King Mines, Inc.
Name of Drilling Contractor

(2) PUMP INSTALLATION

Company name and size of pump _____ HP. _____

Type of pump _____ Capacity of installed pump _____ G.P.M.

Depth of pump placement _____ ft., Date of pump installation _____

(3) WATER SURFACE MEASURING TUBE

On some wells an air-tight water surface measuring tube is required: See Section 46.408 of Chapter 46.4, MINIMUM WELL CONSTRUCTION STANDARDS.

Show exact vertical length of water surface measuring tube, when installed _____ ft., tube diameter _____, tube material _____.

_____
Name of Pump Installation Contractor

DEC 1-81
DIVISION OF
WATER RIGHTS
Pierre, SD

6-1-21

NOTICE OF WELL CONSTRUCTION

~~Fall River~~ Custer

(1) WELL CONSTRUCTION

Location of well: NE 1/4 NE 1/4 Section 20 Township 6S Range R1

Well owner Tennessee Valley Authority (Name) (Address)

Date well drilling completed 8-17-81 Purpose of well Observation (domestic, irrigation, municipal, industrial, other)

WELL LOG

Layers, top to top in feet	Description of layer
0-420	Blk sh
420-500	lB gy clst & ss
500-580	Gy, rd & tn ss w/gy & brn clst

Attach sheet if more space is needed

Depth to top of water producing aquifer 503 ft.

Depth to static water level 34.2 ft.

Name of producing aquifer (if known) Fall River

Total depth of drill hole 580 ft.

Depth to bottom of casing 503 ft.

Casing information: In the space below show kind, size, weight, lengths per diameter, etc., for production casing and surface casing, if used.

4" blk iron 10#/ft

Screen information: In the space below show length of screen below bottom of casing, diameter and kind of screen or casing perforations.

open hole 503-580

If a flowing well, flow of completed well NA G.P.M.

Silver King Mines, Inc.
Name of Drilling Contractor

(2) PUMP INSTALLATION

Company name and size of pump _____ HP _____

Type of pump _____ Capacity of installed pump _____ G.P.M.

Depth of pump placement _____ ft., Date of pump installation _____

(3) WATER SURFACE MEASURING TUBE

- On some wells an air-tight water surface measuring tube is required: See Section 46.408 of Chapter 46.4, MINIMUM WELL CONSTRUCTION STANDARDS.
- Show exact vertical length of water surface measuring tube, when installed _____ ft., tube diameter _____ tube material _____.

_____
Name of Pump Installation Contractor

DEC 1 1981
DIVISION OF
WATER RIGHTS
Pierre, SD

NOTICE OF WELL CONSTRUCTION

Fall River

WELL CONSTRUCTION

Location of well: NW 1/4 NE 1/4 Section 20 Township 6S Range 1E

Well owner Tennessee Valley Authority
(Name) (Address)

Date well drilling completed 8-18-81 Purpose of well Observation
(domestic, irrigation, municipal, industrial, other)

WELL LOG

Layers, top to top in feet	Description of layer
0-430	Blk sh
430-500	lB gy clst & ss
500-550	Gy & rd-brn ss
550-580	Gy wht sltst w/gy-gn clst
580-595	Rd, orng & yw-brn & gy ss
595-605	Gy wht sltst & gy-gn clst
605-660	Gy ss w/gy sltst & gn clst
660-690	Gy wht sltst & gn clst
690-700	Gy w/orng ss
700-745	lB brn & gy, tr yw ss brn & gy clst
745-800	Brn-gy & rd ss

Attach sheet if more space is needed

Depth to top of water producing aquifer 715 ft.

Depth to static water level 42.4 ft.

Name of producing aquifer (if known) Lakota

Total depth of drill hole 800 ft.

Depth to bottom of casing 715 ft.

Casing information: In the space below show kind, size, weight, lengths per diameter, etc., for production casing and surface casing, if used.

4" blk iron 10#/ft

Screen information: In the space below show length of screen below bottom of casing, diameter and kind of screen or casing perforations.

open hole 715-800

If a flowing well, flow of completed well NA G.P.M.

Silver King Mines, Inc.
Name of Drilling Contractor

(2) PUMP INSTALLATION

Company name and size of pump _____ HP _____

Type of pump _____ Capacity of installed pump _____ G.P.M.

Depth of pump placement _____ ft., Date of pump installation _____

(3) WATER SURFACE MEASURING TUBE

On some wells an air-tight water surface measuring tube is required: See Section 46.408 of Chapter 46.4, MINIMUM WELL CONSTRUCTION STANDARDS.

Show exact vertical length of water surface measuring tube, when installed _____ ft., tube diameter _____ tube material _____

DEC 1-81
DIVISION OF
WATER RIGHTS
Pierre, SD

Name of Pump Installation Contractor

NOTICE OF WELL CONSTRUCTION

(1) WELL CONSTRUCTION

Location of well: SE 1/4 NE 1/4 Section 20 Township 6S Range 1E Custer

Well owner Tennessee Valley Authority (Name) (Address)

Date well drilling completed 8-14-81 Purpose of well Observation (domestic, irrigation, municipal, industrial, other)

WELL LOG

Layers, top to top in feet	Description of layer
0-425	Blk sh
425-495	lB gy clst & ss
495-505	Rd & brn ss
505-525	Gy clst
525-530	Rd & orng -brn clst
530-545	Brn & rd-brn ss
545-555	Gy & wht sltst w/fy-gn clst
555-585	Orng, rd & brn ss
585-610	Gy-wht sltst w/gn clst
610-640	Tn-gy ss
640-650	Gy clst & gy wht sltst
650-700	Gy & gn clst
700-730	Tn, orng & rd-brn ss
730-745	lB Gy ss & sltst
745-800	Tn-brn ss

Attach sheet if more space is needed

Depth to top of water producing aquifer 692

Depth to static water level 26.6

Name of producing aquifer (if known) Lakota

Total depth of drill hole 800

Depth to bottom of casing 692

Casing information: In the space below show kind, size, weight, length per diameter, etc., for production casing and surface casing, if used.

4" blk Iron 10#/ft

Screen information: In the space below show length of screen below bottom of casing, diameter and kind of screen or casing perforations.

open hole 692-800

If a flowing well, flow of completed well NA G.P.M.

Silver King Mines, Inc.
Name of Drilling Contractor

(2) PUMP INSTALLATION

Company name and size of pump _____ HP _____

Type of pump _____ Capacity of installed pump _____ G.P.M.

Depth of pump placement _____ ft., Date of pump installation _____

(3) WATER SURFACE MEASURING TUBE

On some wells an air-tight water surface measuring tube is required: See Section 46.408 of Chapter 46.4, MINIMUM WELL CONSTRUCTION STANDARDS.

Show exact vertical length of water surface measuring tube, when installed _____ ft., tube diameter _____

tube material _____

_____
Name of Pump Installation Contractor

DEC 1981
DIVISION OF WATER RIGHTS

6-1-20

NOTICE OF WELL CONSTRUCTION

Custer

(1) WELL CONSTRUCTION

Location of well: SE 1/4 NE 1/4 Section 20 Township 6S Range R1

Well owner Tennessee Valley Authority (Name) (Address)

Date well drilling completed 9-14-81 Purpose of well Observation (domestic, irrigation, municipal, industrial, other)

WELL LOG

Layers, top to top in feet	Description of layer
0-440	Blk sh
440-505	lB gy clst & ss
505-565	RD & yw-brn ss w/rd-brn & gy clst
565-575	Rd-brn clst
575-600	Rd 7 rd-brn ss-siltstone
600-620	lB gy clst & ss

Attach sheet if more space is needed

Depth to top of water producing aquifer 609 ft.

Depth to static water level 32.2 ft.

Name of producing aquifer (if known) Lakota

Total depth of drill hole 620 ft.

Depth to bottom of casing 609 ft.

Casing information: In the space below show kind, size, weight, lengths per diameter, etc., for production casing and surface casing, if used.

4" blk iron 10#/ft

Screen information: In the space below show length of screen below bottom of casing, diameter and kind of screen or casing perforations.

open hole 609-620

If a flowing well, flow of completed well NA G.P.M.

Silver King Mines, Inc.
Name of Drilling Contractor

(2) PUMP INSTALLATION

Company name and size of pump _____ HP _____

Type of pump _____ Capacity of installed pump _____ G.P.M.

Depth of pump placement _____ ft., Date of pump installation _____

(3) WATER SURFACE MEASURING TUBE

*On some wells an air-tight water surface measuring tube is required: See Section 46.408 of Chapter 46:4, MINIMUM WELL CONSTRUCTION STANDARDS.

*Show exact vertical length of water surface measuring tube, when installed _____ ft., tube diameter _____

tube material _____

_____
Name of Pump Installation Contractor

DEC 1-81
DIVISION OF
WATER RIGHTS
Pierre, SD

NOTICE OF WELL CONSTRUCTION

~~Fall River~~
Custer

(1) WELL CONSTRUCTION

Location of well: SE 1/4 NE 1/4 ____ Section 20 Township 6S Range 1E

Well owner Tennessee Valley Authority
(Name) (Address)

Date well drilling completed 8-14-81 Purpose of well Observation
(domestic, irrigation, municipal, industrial, other)

WELL LOG

Layers, top to top in feet	Description of layer
0-430	Blk sh
430-510	lB gy clst & ss
510-600	Tn-gy & rd-brn ss w/ gy, gn & rd clst

Attach sheet if more space is needed

Depth to top of water producing aquifer 504 ft.

Depth to static water level 26.2 ft.

Name of producing aquifer (if known) Fall River

Total depth of drill hole 580 ft.

Depth to bottom of casing 504 ft.

Casing information: In the space below show kind, size, weight, length, per diameter, etc., for production casing and surface casing, if used.

4" blk iron 10#/ft

Screen information: In the space below show length of screen below bottom of casing, diameter and kind of screen or casing perforations.

open hole 504-580

If a flowing well, flow of completed well NA G.P.M.

Silver King Mines, Inc.
Name of Drilling Contractor

(2) PUMP INSTALLATION

Company name and size of pump ____ HP ____

Type of pump ____ Capacity of installed pump ____ G.P.M.

Depth of pump placement ____ ft., Date of pump installation ____

(3) WATER SURFACE MEASURING TUBE

- On some wells an air-tight water surface measuring tube is required: See Section 46.408 of Chapter 46.4, Minimum WELL CONSTRUCTION STANDARDS.
- Show exact vertical length of water surface measuring tube, when installed ____ ft., tube diameter ____ tube material ____

Name of Pump Installation Contractor

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WATER RIGHTS
Pierre, SD

6-1-29abc2
Custer

NOTICE OF WELL CONSTRUCTION

(1) WELL CONSTRUCTION

Location of well: SW 1/4 NW 1/4 NE Section 29 Township 6S Range 1E

Well owner Tennessee Valley Authority, P. O. Box 49, Edgemont, South Dakota
(Name) (Address)

Date well drilling completed 6-26-78 Purpose of well Observation
(domestic, irrigation, municipal, industrial, other)

WELL LOG

Layers, top to top in feet	Description of layer
0-20	Brown Soil
20-530	Gray Shale
530-545	Gray Sandstone
545-620	Lt. Gray & Brown Mudstone & Siltstone
620-690	Lt. Gray Sandstone
690-720	Dark Gray Shale w/Light Gray Siltstone
720-740	Gray Sandstone
740-770	IB Dark Gray Shale, Gray-Green Mudstone
770-820	Gray Sandstone
820-840	Gray Shale
840-955	IB AA & Yellow-Brown Siltstone-Sandstone
955-975	Red & Yellow Sandstone
975-1000	Green w/Variegated Mudstone

Attach sheet if more space is needed

Depth to top of water producing aquifer 840 ft.

Depth to static water level ____ ft.

Name of producing aquifer (if known) Lakota

Total depth of drill hole 1000 ft.

Depth to bottom of casing 966 ft.

Casing information: In the space below show kind, size, weight, lengths per diameter, etc., for production casing and surface casing, if used.

1" Schedual 40 Black Iron

Screen information: In the space below show length of screen below bottom of casing, diameter and kind of screen or casing perforations.

Torch Slotted 903-966

If a flowing well, flow of completed well ____ G.P.M.

Silver King Mines, Inc.
Name of Drilling Contractor

(2) PUMP INSTALLATION

Company name and size of pump ____ HP.

Type of pump ____ Capacity of installed pump ____ G.P.M.

Depth of pump placement ____ ft., Date of pump installation ____

(3) WATER SURFACE MEASURING TUBE

On some wells an air-tight water surface measuring tube is required: See Section 46.408 of Chapter 46.4, MINIMUM WELL CONSTRUCTION STANDARDS.

Show exact vertical length of water surface measuring tube, when installed ____ ft., tube diameter ____, tube material ____

Name of Pump Installation Contractor

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NOTICE OF WELL CONSTRUCTION

Lad 3705 1-15 SCHEDULED Dewey Fund

(1) WELL CONSTRUCTION

Location of well: SW 1/4 NW 1/4 NE Section 29 Township 6S Range 1E

Well owner: Tennessee Valley Authority, P.O. Box 49, Edgemont, South Dakota
(Name) (Address)

Date well drilling completed: 6-27-78 Purpose of well: Observation
(domestic, irrigation, municipal, industrial, other)

WELL LOG

Layers, top to top in feet	Description of layer
0-20	Brown Sandy Soil
20-540	Gray Shale
540-605	Gray Siltstone
605-680	IB Gray Sandstone & Gray Shale

Attach sheet if more space is needed

Depth to top of water producing aquifer: 605 ft

Depth to static water level: ft

Name of producing aquifer (if known): Fall River

Total depth of drill hole: 680 ft

Depth to bottom of casing: 672 ft

Casing information: In the space below show kind, size, weight, lengths per diameter, etc., for production casing and surface casing, if used.

1" Schedual 40 Black Iron

Screen information: In the space below show length of screen below bottom of casing, diameter and kind of screen or casing perforations.

Torch Slotted 630-672

If a flowing well, flow of completed well: G.P.M.

Silver King Mines, Inc.
Name of Drilling Contractor

(2) PUMP INSTALLATION

Company name and size of pump: HP

Type of pump: Capacity of installed pump: G.P.M.

Depth of pump placement: ft., Date of pump installation:

(3) WATER SURFACE MEASURING TUBE

On some wells an air-tight water surface measuring tube is required. See Section 46.408 of Chapter 46.4, MINIMUM WELL CONSTRUCTION STANDARDS.

Show exact vertical length of water surface measuring tube, when installed: ft., tube diameter:

tube material:

Name of Pump Installation Contractor

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BPZ-21 FR

NOTICE OF WELL CONSTRUCTION

(1) WELL CONSTRUCTION

Location of well: SW 1/4 NW 1/4 NE Section 29 Township 6S Range 1E

Well owner Tennessee Valley Authority, P.O. Box 49, Edgemont, South Dakota
(Name) (Address)

Date well drilling completed 6-27-78 Purpose of well Observation
(domestic, irrigation, municipal, industrial, other)

WELL LOG

Layers, top to top in feet	Description of layer
0-20	Brown Sandy Soil
20-540	Gray Shale
540-605	Gray Siltstone
605-680	IB Gray Sandstone & Gray Shale

Attach sheet if more space is needed

Depth to top of water producing aquifer 605 ft.

Depth to static water level _____ ft.

Name of producing aquifer (if known) Fall River

Total depth of drill hole 680 ft.

Depth to bottom of casing 672 ft.

Casing information: In the space below show kind, size, weight, lengths per diameter, etc., for production casing and surface casing, if used.

1" Schedual 40 Black Iron

Screen information: In the space below show length of screen below bottom of casing, diameter and kind of screen or casing perforations.

Torch Slotted 630-672

If a flowing well, flow of completed well _____ G.P.M.

Silver King Mines, Inc.
Name of Drilling Contractor

(2) PUMP INSTALLATION

Company name and size of pump _____ HP _____

Type of pump _____ Capacity of installed pump _____ G.P.M.

Depth of pump placement _____ ft., Date of pump installation _____

(3) WATER SURFACE MEASURING TUBE

On some wells an air-tight water surface measuring tube is required: See Section 46.408 of Chapter 46.4, MINIMUM WELL CONSTRUCTION STANDARDS.

Show exact vertical length of water surface measuring tube, when installed _____ ft., tube diameter _____, tube material _____.

_____
Name of Pump Installation Contractor

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