

SHAWVER WELL COMPANY, INC. TEST PUMPING REPORT

Project:	City of Fredericksburg	Well ID:	PWSID# 1940068
Location:	Frederickburg, IA	Date:	4/6/2010 - 4/7/2010
Test Pump Crew:	Paul Woodhouse	Length of Casing Above Ground:	
Depth of Well:	1221'	13"	
Size of Well:	10"	Miscellaneous:	
SWL:	248.7'		
Pump Model:			
Pump HP:	150 HP		
Orifice Size:	water meter read		
Length of Airline:	electric transducer		
Depth of Pump:	442' - 6" Pipe		

Time	GPM	PWL	Temp	Ph	Character of Water/Pumping Details
4/6/2010 6:30	0	248.673	50.073		
4/6/2010 6:45	0	248.732	50.066		
4/6/2010 7:00	0	248.729	50.045		
4/6/2010 7:15	0	248.751	50.045		

Start-Up of Pump

4/6/2010 7:30	500	254.848	50.071		
4/6/2010 7:31	500	264.31	50.078		
4/6/2010 7:32	500	266.554	50.111		
4/6/2010 7:33	500	268.677	50.172		
4/6/2010 7:34	500	269.95	50.249		
4/6/2010 7:35	500	270.574	50.314		
4/6/2010 7:36	500	271.155	50.382		
4/6/2010 7:37	500	272.063	50.442		
4/6/2010 7:38	500	272.667	50.513		
4/6/2010 7:39	500	273.057	50.579		
4/6/2010 7:40	500	273.148	50.647		
4/6/2010 7:41	500	273.822	50.715		
4/6/2010 7:42	500	274.192	50.773		
4/6/2010 7:43	500	274.395	50.818		
4/6/2010 7:44	500	274.799	50.876		
4/6/2010 7:45	500	275.248	50.923		Sand - 3.52 ppm
4/6/2010 7:46	500	275.474	50.967		
4/6/2010 7:47	500	275.193	51.002		
4/6/2010 7:48	500	274.714	51.034		
4/6/2010 7:49	500	275.052	51.051		
4/6/2010 7:50	500	274.94	51.074		
4/6/2010 7:51	500	275.663	51.095		
4/6/2010 7:52	500	275.294	51.112		

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Location:		Frederickburg, IA		Date:	4/6/2010 - 4/7/2010
4/6/2010 7:53	500	275.664	51.131		
4/6/2010 7:54	500	276.069	51.14		
4/6/2010 7:55	500	276.415	51.153		
4/6/2010 7:56	500	276.031	51.166		
4/6/2010 7:57	500	276.521	51.176		
4/6/2010 7:58	500	276.605	51.182		
4/6/2010 7:59	500	276.497	51.192		
4/6/2010 8:00	500	276.332	51.205		Sand - Trace
4/6/2010 8:01	500	277.025	51.215		
4/6/2010 8:02	500	276.422	51.217		
4/6/2010 8:03	500	277.076	51.221		
4/6/2010 8:04	500	277.322	51.231		
4/6/2010 8:05	500	277.073	51.242		
4/6/2010 8:06	500	277.218	51.247		
4/6/2010 8:07	500	277.547	51.242		
4/6/2010 8:08	500	276.817	51.247		
4/6/2010 8:09	500	276.823	51.248		
4/6/2010 8:10	500	277.041	51.254		
4/6/2010 8:11	500	276.97	51.253		
4/6/2010 8:12	500	277.529	51.254		
4/6/2010 8:13	500	277.394	51.251		
4/6/2010 8:14	500	277.425	51.244		
4/6/2010 8:15	500	277.517	51.253		
4/6/2010 8:16	500	277.637	51.272		
4/6/2010 8:17	500	276.966	51.292		
4/6/2010 8:18	500	277.828	51.316		
4/6/2010 8:19	500	277.895	51.335		
4/6/2010 8:20	500	278.117	51.34		
4/6/2010 8:21	500	277.816	51.362		
4/6/2010 8:22	500	277.403	51.362		
4/6/2010 8:23	500	277.816	51.37		
4/6/2010 8:24	500	277.691	51.371		
4/6/2010 8:25	500	278.243	51.359		
4/6/2010 8:26	500	278.154	51.35		
4/6/2010 8:27	500	278.581	51.334		
4/6/2010 8:28	500	278.231	51.325		
4/6/2010 8:29	500	278.38	51.322		
4/6/2010 8:30	500	278.186	51.328		Sand - Trace
4/6/2010 8:35	500	278.226	51.323		

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Location:		Frederickburg, IA		Date:	4/6/2010 - 4/7/2010
4/6/2010 8:40	500	279.172	51.335		
4/6/2010 8:45	500	278.603	51.426		
4/6/2010 8:50	500	279.079	51.423		
4/6/2010 8:55	500	279.317	51.47		
4/6/2010 9:00	600	278.968	51.422		Sand - Trace
4/6/2010 9:05	600	286.257	51.206		
4/6/2010 9:10	600	287.351	51.301		
4/6/2010 9:15	600	287.97	51.359		Sand - 3.52 ppm
4/6/2010 9:20	600	288.62	51.39		
4/6/2010 9:25	600	288.286	51.428		
4/6/2010 9:30	600	289.017	51.442		Sand - 14.08 ppm
4/6/2010 9:45	600	289.531	51.465		Sand - 7.04 ppm
4/6/2010 10:00	600	289.606	51.439		Sand - 10.56 ppm
4/6/2010 10:15	550	289.791	51.422		Sand - 10.56 ppm
4/6/2010 10:30	550	287.32	51.459		Sand - 10.56 ppm
4/6/2010 10:45	550	286.877	51.474		Sand - 7.04 ppm
4/6/2010 11:00	550	287.565	51.477		Sand - 7.04 ppm
4/6/2010 11:15	550	287.082	51.52		Sand - 7.04 ppm
4/6/2010 11:30	550	287.67	51.508		Sand - 3.52 ppm
4/6/2010 11:45	550	287.56	51.562		Sand - 3.52 ppm
4/6/2010 12:00	550	288.144	51.527		Sand - 3.52 ppm
4/6/2010 12:15	550	287.807	51.469		
4/6/2010 12:30	550	287.981	51.51		
4/6/2010 12:45	550	287.932	51.485		
4/6/2010 13:00	550	288.073	51.439		Sand - 5.28 ppm
4/6/2010 13:15	550	288.381	51.498		
4/6/2010 13:30	550	288.406	51.513		
4/6/2010 13:45	550	288.127	51.508		
4/6/2010 14:00	550	288.485	51.543		Sand - 5.28 ppm
4/6/2010 14:15	550	288.666	51.576		
4/6/2010 14:30	550	288.126	51.505		
4/6/2010 14:45	650	288.619	51.512		Sand - 3.52 ppm
4/6/2010 15:00	500	288.42	51.368		Sand - 10.56 ppm
4/6/2010 15:15	500	285.45	51.527		Sand - 10.56 ppm
4/6/2010 15:30	500	284.927	51.55		Sand - Trace
4/6/2010 15:45	500	284.631	51.489		Sand - Trace
4/6/2010 16:00	500	284.835	51.546		Sand - Trace
4/6/2010 16:15	500	285.022	51.571		
4/6/2010 16:30	400	278.153	51.573		

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Location:		Frederickburg, IA		Date:	4/6/2010 - 4/7/2010
4/6/2010 16:45	400	276.828	51.7		
4/6/2010 17:00	400	276.555	51.711		Sand - Trace
4/6/2010 17:15	400	275.915	51.67		
4/6/2010 17:30	400	275.743	51.708		
4/6/2010 17:45	400	275.672	51.743		
4/6/2010 18:00	400	275.569	51.744		
4/6/2010 18:15	400	275.411	51.656		
4/6/2010 18:30	400	275.818	51.715		
4/6/2010 18:45	400	275.239	51.735		
4/6/2010 19:00	400	275.095	51.789		Water Clear
4/6/2010 19:15	400	275.742	51.714		Sand - Trace
4/6/2010 19:30	400	275.769	51.754		
4/6/2010 19:45	400	275.969	51.769		
4/6/2010 20:00	400	275.169	51.778		
4/6/2010 20:15	400	275.356	51.753		
4/6/2010 20:30	400	275.687	51.751		
4/6/2010 20:45	400	275.103	51.745		
4/6/2010 21:00	400	275.273	51.734		
4/6/2010 21:15	400	274.826	51.736		
4/6/2010 21:30	400	274.657	51.736		
4/6/2010 21:45	400	274.903	51.746		
4/6/2010 22:00	400	274.937	51.744		
4/6/2010 22:15	400	275.58	51.776		
4/6/2010 22:30	400	275.062	51.74		
4/6/2010 22:45	400	275.162	51.818		
4/6/2010 23:00	400	275.479	51.761		
4/6/2010 23:15	400	275.746	51.734		
4/6/2010 23:30	400	275.811	51.757		
4/6/2010 23:45	400	275.428	51.732		
4/7/2010 0:00	400	275.262	51.732		
4/7/2010 0:15	400	276.043	51.737		
4/7/2010 0:30	400	275.083	51.789		
4/7/2010 0:45	400	275.302	51.756		
4/7/2010 1:00	400	275.375	51.796		
4/7/2010 1:15	400	275.22	51.785		
4/7/2010 1:30	400	275.953	51.793		
4/7/2010 1:45	400	275.842	51.783		
4/7/2010 2:00	400	275.932	51.76		
4/7/2010 2:15	400	275.452	51.776		

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Location:		Frederickburg, IA		Date:	4/6/2010 - 4/7/2010
4/7/2010 2:30	400	276.08	51.759		
4/7/2010 2:45	400	276.052	51.782		
4/7/2010 3:00	400	275.511	51.763		
4/7/2010 3:15	400	275.707	51.767		
4/7/2010 3:30	400	275.414	51.751		
4/7/2010 3:45	400	275.665	51.747		
4/7/2010 4:00	400	275.719	51.731		Water Clear
4/7/2010 4:15	400	275.87	51.737		Sand - Trace
4/7/2010 4:30	400	275.97	51.779		
4/7/2010 4:45	400	276.092	51.754		
4/7/2010 5:00	400	275.984	51.731		
4/7/2010 5:15	400	276.471	51.808		
4/7/2010 5:30	400	275.798	51.731		
4/7/2010 5:45	400	276.018	51.746		
4/7/2010 6:00	400	276.392	51.78		
4/7/2010 6:15	400	275.871	51.737		
4/7/2010 6:30	400	276.395	51.746		
4/7/2010 6:45	400	276.388	51.783		
4/7/2010 7:00	400	276.17	51.755		Sand - Trace
4/7/2010 7:15	400	276.882	51.808		
4/7/2010 7:30	400	276.444	51.743		
4/7/2010 7:31	400	276.318	51.73		
4/7/2010 7:32	400	276.584	51.723		
Shut Down & Recovery					
4/7/2010 7:33	0	269.058	51.716		
4/7/2010 7:34	0	265.881	51.636		
4/7/2010 7:35	0	263.732	51.598		
4/7/2010 7:36	0	262.436	51.593		
4/7/2010 7:37	0	261.47	51.602		
4/7/2010 7:38	0	260.771	51.613		
4/7/2010 7:39	0	260.229	51.628		
4/7/2010 7:40	0	259.768	51.651		
4/7/2010 7:41	0	259.378	51.658		
4/7/2010 7:42	0	259.144	51.676		
4/7/2010 7:43	0	258.8	51.686		
4/7/2010 7:44	0	258.579	51.687		
4/7/2010 7:45	0	258.346	51.679		
4/7/2010 7:46	0	258.136	51.665		
4/7/2010 7:47	0	257.992	51.65		

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Location:		Frederickburg, IA		Date:	4/6/2010 - 4/7/2010
4/7/2010 7:48	0	257.792	51.636		
4/7/2010 7:49	0	257.669	51.614		
4/7/2010 7:50	0	257.543	51.606		
4/7/2010 7:51	0	257.446	51.594		
4/7/2010 7:52	0	257.356	51.577		
4/7/2010 7:53	0	257.259	51.565		
4/7/2010 7:54	0	257.144	51.561		
4/7/2010 7:55	0	257.026	51.545		
4/7/2010 7:56	0	256.926	51.527		
4/7/2010 7:57	0	256.846	51.512		
4/7/2010 7:58	0	256.757	51.499		
4/7/2010 7:59	0	256.677	51.49		
4/7/2010 8:00	0	256.604	51.468		
4/7/2010 8:01	0	256.508	51.464		
4/7/2010 8:02	0	256.444	51.454		
4/7/2010 8:03	0	256.394	51.44		
4/7/2010 8:04	0	256.32	51.438		
4/7/2010 8:05	0	256.262	51.433		
4/7/2010 8:06	0	256.24	51.422		
4/7/2010 8:07	0	256.167	51.417		
4/7/2010 8:08	0	256.117	51.407		
4/7/2010 8:09	0	256.05	51.406		
4/7/2010 8:10	0	256.012	51.397		
4/7/2010 8:11	0	255.953	51.389		
4/7/2010 8:12	0	255.922	51.386		
4/7/2010 8:13	0	255.878	51.379		
4/7/2010 8:14	0	255.819	51.375		
4/7/2010 8:15	0	255.776	51.374		
4/7/2010 8:16	0	255.766	51.371		
4/7/2010 8:17	0	255.708	51.366		
4/7/2010 8:18	0	255.638	51.364		
4/7/2010 8:19	0	255.646	51.355		
4/7/2010 8:20	0	255.549	51.347		
4/7/2010 8:21	0	255.545	51.351		
4/7/2010 8:22	0	255.527	51.351		
4/7/2010 8:23	0	255.475	51.345		
4/7/2010 8:24	0	255.428	51.35		
4/7/2010 8:25	0	255.406	51.347		
4/7/2010 8:26	0	255.351	51.353		

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Location:		Frederickburg, IA		Date:	4/6/2010 - 4/7/2010
4/7/2010 8:27	0	255.313	51.355		
4/7/2010 8:28	0	255.29	51.347		
4/7/2010 8:29	0	255.251	51.34		
4/7/2010 8:30	0	255.276	51.33		
4/7/2010 8:31	0	255.27	51.324		
4/7/2010 8:32	0	255.162	51.328		
4/7/2010 8:33	0	255.113	51.319		
4/7/2010 8:34	0	255.151	51.315		
4/7/2010 8:35	0	255.126	51.312		
4/7/2010 8:36	0	255.086	51.313		
4/7/2010 8:37	0	255.057	51.308		
4/7/2010 8:38	0	255.02	51.299		
4/7/2010 8:39	0	254.986	51.293		
4/7/2010 8:40	0	254.96	51.289		
4/7/2010 8:41	0	254.96	51.282		
4/7/2010 8:42	0	254.912	51.28		
4/7/2010 8:43	0	254.884	51.272		
4/7/2010 8:44	0	254.86	51.271		
4/7/2010 8:45	0	254.815	51.266		
4/7/2010 8:46	0	254.808	51.262		
4/7/2010 8:47	0	254.789	51.257		
4/7/2010 8:48	0	254.811	51.257		
4/7/2010 8:49	0	254.722	51.254		
4/7/2010 8:50	0	254.735	51.253		
4/7/2010 8:51	0	254.681	51.249		
4/7/2010 8:52	0	254.683	51.249		
4/7/2010 8:53	0	254.652	51.24		
4/7/2010 8:54	0	254.643	51.235		
4/7/2010 8:55	0	254.586	51.231		
4/7/2010 8:56	0	254.57	51.225		
4/7/2010 8:57	0	254.588	51.22		
4/7/2010 8:58	0	254.512	51.222		
4/7/2010 8:59	0	254.527	51.22		
4/7/2010 9:00	0	254.494	51.217		
4/7/2010 9:01	0	254.483	51.219		
4/7/2010 9:02	0	254.458	51.219		
4/7/2010 9:03	0	254.446	51.216		
4/7/2010 9:04	0	254.4	51.209		
4/7/2010 9:05	0	254.424	51.211		

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Location:		Frederickburg, IA		Date:	4/6/2010 - 4/7/2010
4/7/2010 9:06	0	254.394	51.202		
4/7/2010 9:07	0	254.404	51.205		
4/7/2010 9:08	0	254.387	51.199		
4/7/2010 9:09	0	254.31	51.194		
4/7/2010 9:10	0	254.336	51.189		
4/7/2010 9:11	0	254.273	51.189		
4/7/2010 9:12	0	254.308	51.189		
4/7/2010 9:13	0	254.233	51.193		
4/7/2010 9:14	0	254.293	51.191		
4/7/2010 9:15	0	254.205	51.197		
4/7/2010 9:16	0	254.181	51.196		
4/7/2010 9:17	0	254.23	51.2		
4/7/2010 9:18	0	254.14	51.198		
4/7/2010 9:19	0	254.147	51.199		
4/7/2010 9:20	0	254.129	51.203		
4/7/2010 9:21	0	254.116	51.209		
4/7/2010 9:22	0	254.157	51.204		
4/7/2010 9:23	0	254.079	51.206		
4/7/2010 9:24	0	254.058	51.209		
4/7/2010 9:25	0	254.056	51.216		
4/7/2010 9:26	0	254.075	51.216		
4/7/2010 9:27	0	254.035	51.215		
4/7/2010 9:28	0	254.019	51.222		
4/7/2010 9:29	0	254.021	51.258		
4/7/2010 9:30	0	253.992	51.229		
4/7/2010 9:31	0	253.985	51.225		
4/7/2010 9:32	0	253.942	51.222		
4/7/2010 9:33	0	253.987	51.206		