

In-Situ Inc. MiniTroll Pro

Report generated: 7/25/2001 17:29:31  
Report from file: C:\WIN-SITU\Data\SN04518 2001-07-25 101234 WELL 16 STEP.bin  
DataMgr Version 3.69

Serial number: 4518  
Firmware Version 3  
Unit name: WELL 16 STEP

Test name: WELL 16 STEP

Test defined on: 7/25/2001 10:10:52  
Test started on: 7/25/2001 10:12:34  
Test stopped on: 7/25/2001 17:29:14  
Test extracted on: N/A

Data gathered using Linear testing  
Time between data Minutes.  
Number of data sa 437

TOTAL DATA SAMP 437

Channel number [1]  
Measurement type: Temperature  
Channel name: Temperature

Channel number [2]  
Measurement type: Pressure  
Channel name: Pressure  
Sensor Range: 100 PSI.  
Specific gravity: 1  
Mode: TOC  
User-defined refere 199.25 Feet H2O  
Referenced on: channel definition.  
Pressure head at re 191.032 Feet H2O

Date	Time	ET (min)	Chan[2] Feet H2O	Chan[1] Fahrenheit
7/25/2001	10:12		0 199.393	71.55
7/25/2001	10:13		1 205.68	71.48
7/25/2001	10:14		2 208.609	71.41
7/25/2001	10:15		3 210.4	71.39
7/25/2001	10:16		4 211.575	71.36
7/25/2001	10:17		5 212.381	71.36
7/25/2001	10:18		6 213.08	71.36

start of Step 1  
Discharge Rate = 29 gpm

7/25/2001 10:19	7	213.648	71.39
7/25/2001 10:20	8	214.036	71.39
7/25/2001 10:21	9	214.358	71.39
7/25/2001 10:22	10	214.645	71.39
7/25/2001 10:23	11	214.914	71.41
7/25/2001 10:24	12	215.141	71.41
7/25/2001 10:25	13	215.356	71.41
7/25/2001 10:26	14	215.553	71.41
7/25/2001 10:27	15	215.726	71.41
7/25/2001 10:28	16	215.893	71.41
7/25/2001 10:29	17	216.061	71.43
7/25/2001 10:30	18	216.217	71.43
7/25/2001 10:31	19	216.366	71.43
7/25/2001 10:32	20	216.509	71.43
7/25/2001 10:33	21	216.611	71.43
7/25/2001 10:34	22	216.725	71.45
7/25/2001 10:35	23	216.856	71.45
7/25/2001 10:36	24	216.993	71.45
7/25/2001 10:37	25	217.221	71.48
7/25/2001 10:38	26	218.689	71.45
7/25/2001 10:39	27	219.518	71.43
7/25/2001 10:40	28	219.96	71.43
7/25/2001 10:41	29	220.116	71.45
7/25/2001 10:42	30	219.907	71.45
7/25/2001 10:43	31	219.041	71.45
7/25/2001 10:44	32	218.772	71.43
7/25/2001 10:45	33	218.641	71.45
7/25/2001 10:46	34	218.593	71.45
7/25/2001 10:47	35	218.575	71.45
7/25/2001 10:48	36	218.624	71.48
7/25/2001 10:49	37	218.624	71.48
7/25/2001 10:50	38	218.649	71.5
7/25/2001 10:51	39	218.631	71.5
7/25/2001 10:52	40	218.667	71.5
7/25/2001 10:53	41	218.714	71.5
7/25/2001 10:54	42	218.739	71.52
7/25/2001 10:55	43	218.775	71.52
7/25/2001 10:56	44	218.781	71.52
7/25/2001 10:57	45	218.823	71.52
7/25/2001 10:58	46	219.003	71.55
7/25/2001 10:59	47	219.152	71.55
7/25/2001 11:00	48	219.253	71.55
7/25/2001 11:01	49	219.301	71.55
7/25/2001 11:02	50	219.391	71.55
7/25/2001 11:03	51	219.486	71.55
7/25/2001 11:04	52	219.552	71.55
7/25/2001 11:05	53	219.611	71.55
7/25/2001 11:06	54	219.665	71.55
7/25/2001 11:07	55	219.731	71.55

7/25/2001 11:08	56	219.79	71.55
7/25/2001 11:09	57	220.787	71.55
7/25/2001 11:10	58	221.699	71.5
7/25/2001 11:11	59	222.159	71.5
7/25/2001 11:12	60	222.487	71.5
7/25/2001 11:13	61	222.183	71.52
7/25/2001 11:14	62	221.831	71.52
7/25/2001 11:15	63	221.694	71.52
7/25/2001 11:16	64	221.622	71.52
7/25/2001 11:17	65	221.604	71.52
7/25/2001 11:18	66	221.623	71.55
7/25/2001 11:19	67	221.659	71.55
7/25/2001 11:20	68	221.695	71.55
7/25/2001 11:21	69	221.73	71.55
7/25/2001 11:22	70	221.766	71.55
7/25/2001 11:23	71	221.802	71.55
7/25/2001 11:24	72	221.857	71.57
7/25/2001 11:25	73	221.904	71.57
7/25/2001 11:26	74	221.934	71.57
7/25/2001 11:27	75	221.982	71.57
7/25/2001 11:28	76	222.036	71.57
7/25/2001 11:29	77	222.089	71.57
7/25/2001 11:30	78	222.161	71.57
7/25/2001 11:31	79	222.203	71.57
7/25/2001 11:32	80	222.257	71.57
7/25/2001 11:33	81	222.286	71.57
7/25/2001 11:34	82	222.328	71.57
7/25/2001 11:35	83	222.37	71.57
7/25/2001 11:36	84	222.4	71.57
7/25/2001 11:37	85	222.447	71.57
7/25/2001 11:38	86	222.489	71.57
7/25/2001 11:39	87	222.525	71.57
7/25/2001 11:40	88	222.561	71.57
7/25/2001 11:41	89	222.609	71.57
7/25/2001 11:42	90	222.638	71.57
7/25/2001 11:43	91	222.692	71.57
7/25/2001 11:44	92	222.74	71.57
7/25/2001 11:45	93	222.782	71.57
7/25/2001 11:46	94	222.83	71.59
7/25/2001 11:47	95	222.872	71.59
7/25/2001 11:48	96	222.908	71.59
7/25/2001 11:49	97	222.938	71.59
7/25/2001 11:50	98	222.967	71.57
7/25/2001 11:51	99	223.003	71.59
7/25/2001 11:52	100	223.033	71.59
7/25/2001 11:53	101	223.068	71.57
7/25/2001 11:54	102	223.093	71.59
7/25/2001 11:55	103	223.182	71.59
7/25/2001 11:56	104	223.266	71.59

7/25/2001 11:57	105	223.326	71.59
7/25/2001 11:58	106	223.373	71.59
7/25/2001 11:59	107	223.427	71.59
7/25/2001 12:00	108	223.469	71.59
7/25/2001 12:01	109	223.517	71.59
7/25/2001 12:02	110	223.547	71.59
7/25/2001 12:03	111	223.582	71.59
7/25/2001 12:04	112	223.612	71.59
7/25/2001 12:05	113	223.642	71.59
7/25/2001 12:06	114	223.678	71.59
7/25/2001 12:07	115	223.714	71.61
7/25/2001 12:08	116	223.744	71.59
7/25/2001 12:09	117	223.773	71.59
7/25/2001 12:10	118	223.804	71.61
7/25/2001 12:11	119	223.833	71.59
7/25/2001 12:12	120	223.863	71.59
7/25/2001 12:13	121	227.203	71.55
7/25/2001 12:14	122	228.283	71.52
7/25/2001 12:15	123	228.677	71.52
7/25/2001 12:16	124	229.006	71.55
7/25/2001 12:17	125	229.232	71.55
7/25/2001 12:18	126	229.435	71.55
7/25/2001 12:19	127	229.608	71.55
7/25/2001 12:20	128	229.758	71.55
7/25/2001 12:21	129	229.907	71.55
7/25/2001 12:22	130	230.056	71.55
7/25/2001 12:23	131	230.175	71.55
7/25/2001 12:24	132	230.301	71.55
7/25/2001 12:25	133	230.396	71.55
7/25/2001 12:26	134	230.492	71.57
7/25/2001 12:27	135	230.588	71.57
7/25/2001 12:28	136	230.689	71.57
7/25/2001 12:29	137	230.767	71.57
7/25/2001 12:30	138	230.862	71.57
7/25/2001 12:31	139	230.94	71.57
7/25/2001 12:32	140	231.011	71.55
7/25/2001 12:33	141	231.065	71.57
7/25/2001 12:34	142	231.148	71.55
7/25/2001 12:35	143	231.22	71.57
7/25/2001 12:36	144	231.304	71.57
7/25/2001 12:37	145	231.387	71.55
7/25/2001 12:38	146	231.566	71.55
7/25/2001 12:39	147	231.691	71.55
7/25/2001 12:40	148	231.804	71.55
7/25/2001 12:41	149	231.888	71.55
7/25/2001 12:42	150	231.953	71.55
7/25/2001 12:43	151	232.031	71.55
7/25/2001 12:44	152	232.103	71.55
7/25/2001 12:45	153	232.18	71.55

End of Step 1

Start of Step 2

Discharge Rate = 40gpm

7/25/2001 12:46	154	232.234	71.55
7/25/2001 12:47	155	232.3	71.55
7/25/2001 12:48	156	232.365	71.55
7/25/2001 12:49	157	232.419	71.55
7/25/2001 12:50	158	232.473	71.55
7/25/2001 12:51	159	232.544	71.55
7/25/2001 12:52	160	232.598	71.55
7/25/2001 12:53	161	232.64	71.55
7/25/2001 12:54	162	232.723	71.55
7/25/2001 12:55	163	232.753	71.55
7/25/2001 12:56	164	232.813	71.55
7/25/2001 12:57	165	232.837	71.55
7/25/2001 12:58	166	232.872	71.55
7/25/2001 12:59	167	232.919	71.52
7/25/2001 13:00	168	232.968	71.55
7/25/2001 13:01	169	233.01	71.55
7/25/2001 13:02	170	233.063	71.55
7/25/2001 13:03	171	233.116	71.52
7/25/2001 13:04	172	233.17	71.52
7/25/2001 13:05	173	233.206	71.52
7/25/2001 13:06	174	233.253	71.52
7/25/2001 13:07	175	233.301	71.52
7/25/2001 13:08	176	233.361	71.52
7/25/2001 13:09	177	233.391	71.52
7/25/2001 13:10	178	233.438	71.52
7/25/2001 13:11	179	233.48	71.52
7/25/2001 13:12	180	233.516	71.52
7/25/2001 13:13	181	233.576	71.52
7/25/2001 13:14	182	233.623	71.52
7/25/2001 13:15	183	233.671	71.52
7/25/2001 13:16	184	233.731	71.52
7/25/2001 13:17	185	233.773	71.52
7/25/2001 13:18	186	233.814	71.52
7/25/2001 13:19	187	233.856	71.52
7/25/2001 13:20	188	233.91	71.52
7/25/2001 13:21	189	233.946	71.52
7/25/2001 13:22	190	233.975	71.52
7/25/2001 13:23	191	234.005	71.52
7/25/2001 13:24	192	234.035	71.52
7/25/2001 13:25	193	234.077	71.52
7/25/2001 13:26	194	234.095	71.52
7/25/2001 13:27	195	234.137	71.52
7/25/2001 13:28	196	234.16	71.52
7/25/2001 13:29	197	234.196	71.52
7/25/2001 13:30	198	234.225	71.5
7/25/2001 13:31	199	234.256	71.52
7/25/2001 13:32	200	234.298	71.52
7/25/2001 13:33	201	234.333	71.5
7/25/2001 13:34	202	234.375	71.52

7/25/2001 13:35	203	234.41	71.5	
7/25/2001 13:36	204	234.429	71.52	
7/25/2001 13:37	205	234.459	71.52	
7/25/2001 13:38	206	234.476	71.5	
7/25/2001 13:39	207	234.494	71.5	
7/25/2001 13:40	208	234.518	71.5	
7/25/2001 13:41	209	234.535	71.5	
7/25/2001 13:42	210	234.565	71.5	
7/25/2001 13:43	211	234.577	71.5	
7/25/2001 13:44	212	234.619	71.5	
7/25/2001 13:45	213	234.667	71.5	
7/25/2001 13:46	214	234.75	71.5	
7/25/2001 13:47	215	234.714	71.5	
7/25/2001 13:48	216	234.356	71.5	
7/25/2001 13:49	217	234.755	71.48	
7/25/2001 13:50	218	235.418	71.48	
7/25/2001 13:51	219	235.674	71.48	
7/25/2001 13:52	220	235.823	71.48	
7/25/2001 13:53	221	235.925	71.48	
7/25/2001 13:54	222	236.008	71.48	
7/25/2001 13:55	223	236.068	71.48	
7/25/2001 13:56	224	236.128	71.48	
7/25/2001 13:57	225	236.205	71.48	
7/25/2001 13:58	226	236.253	71.48	
7/25/2001 13:59	227	236.313	71.48	
7/25/2001 14:00	228	236.361	71.5	
7/25/2001 14:01	229	236.397	71.5	
7/25/2001 14:02	230	236.451	71.5	
7/25/2001 14:03	231	236.486	71.5	
7/25/2001 14:04	232	236.522	71.5	
7/25/2001 14:05	233	236.57	71.5	
7/25/2001 14:06	234	236.594	71.5	
7/25/2001 14:07	235	236.63	71.5	
7/25/2001 14:08	236	236.671	71.5	
7/25/2001 14:09	237	236.695	71.5	
7/25/2001 14:10	238	236.731	71.5	
7/25/2001 14:11	239	236.779	71.5	End of Step 2
7/25/2001 14:12	240	236.809	71.5	
7/25/2001 14:13	241	238.753	71.48	start of step 3
7/25/2001 14:14	242	240.117	71.43	Discharge Rate = 50gpm
7/25/2001 14:15	243	241.018	71.43	
7/25/2001 14:16	244	241.531	71.43	
7/25/2001 14:17	245	241.967	71.43	
7/25/2001 14:18	246	242.284	71.45	
7/25/2001 14:19	247	242.522	71.45	
7/25/2001 14:20	248	242.665	71.45	
7/25/2001 14:21	249	242.808	71.45	
7/25/2001 14:22	250	242.91	71.45	
7/25/2001 14:23	251	243.089	71.45	

7/25/2001 14:24	252	243.166	71.45
7/25/2001 14:25	253	243.304	71.45
7/25/2001 14:26	254	243.405	71.45
7/25/2001 14:27	255	243.542	71.45
7/25/2001 14:28	256	243.584	71.45
7/25/2001 14:29	257	243.667	71.45
7/25/2001 14:30	258	243.739	71.45
7/25/2001 14:31	259	243.834	71.45
7/25/2001 14:32	260	243.858	71.45
7/25/2001 14:33	261	244.043	71.45
7/25/2001 14:34	262	244.121	71.45
7/25/2001 14:35	263	244.216	71.45
7/25/2001 14:36	264	244.306	71.48
7/25/2001 14:37	265	244.371	71.45
7/25/2001 14:38	266	244.407	71.45
7/25/2001 14:39	267	244.497	71.45
7/25/2001 14:40	268	244.526	71.45
7/25/2001 14:41	269	244.592	71.45
7/25/2001 14:42	270	244.616	71.45
7/25/2001 14:43	271	244.675	71.45
7/25/2001 14:44	272	244.711	71.45
7/25/2001 14:45	273	244.777	71.45
7/25/2001 14:46	274	244.825	71.45
7/25/2001 14:47	275	244.848	71.45
7/25/2001 14:48	276	244.908	71.45
7/25/2001 14:49	277	245.087	71.45
7/25/2001 14:50	278	245.511	71.45
7/25/2001 14:51	279	245.73	71.43
7/25/2001 14:52	280	245.891	71.43
7/25/2001 14:53	281	246.011	71.43
7/25/2001 14:54	282	246.124	71.43
7/25/2001 14:55	283	246.243	71.43
7/25/2001 14:56	284	246.327	71.43
7/25/2001 14:57	285	246.387	71.43
7/25/2001 14:58	286	246.47	71.43
7/25/2001 14:59	287	246.542	71.43
7/25/2001 15:00	288	246.607	71.43
7/25/2001 15:01	289	246.655	71.43
7/25/2001 15:02	290	246.697	71.43
7/25/2001 15:03	291	246.75	71.43
7/25/2001 15:04	292	246.798	71.43
7/25/2001 15:05	293	246.84	71.43
7/25/2001 15:06	294	246.888	71.43
7/25/2001 15:07	295	246.941	71.43
7/25/2001 15:08	296	246.989	71.43
7/25/2001 15:09	297	247.025	71.43
7/25/2001 15:10	298	247.055	71.43
7/25/2001 15:11	299	247.108	71.43
7/25/2001 15:12	300	247.15	71.43



7/25/2001 15:13	301	247.198	71.43
7/25/2001 15:14	302	247.233	71.43
7/25/2001 15:15	303	247.263	71.43
7/25/2001 15:16	304	247.311	71.43
7/25/2001 15:17	305	247.365	71.43
7/25/2001 15:18	306	247.4	71.43
7/25/2001 15:19	307	247.436	71.43
7/25/2001 15:20	308	247.484	71.43
7/25/2001 15:21	309	247.508	71.43
7/25/2001 15:22	310	247.556	71.43
7/25/2001 15:23	311	247.609	71.43
7/25/2001 15:24	312	247.943	71.43
7/25/2001 15:25	313	248.212	71.43
7/25/2001 15:26	314	248.277	71.43
7/25/2001 15:27	315	248.11	71.43
7/25/2001 15:28	316	248.044	71.41
7/25/2001 15:29	317	248.015	71.43
7/25/2001 15:30	318	248.009	71.43
7/25/2001 15:31	319	248.026	71.41
7/25/2001 15:32	320	248.039	71.43
7/25/2001 15:33	321	248.05	71.41
7/25/2001 15:34	322	248.086	71.41
7/25/2001 15:35	323	248.115	71.41
7/25/2001 15:36	324	248.133	71.41
7/25/2001 15:37	325	248.157	71.41
7/25/2001 15:38	326	248.181	71.41
7/25/2001 15:39	327	248.223	71.41
7/25/2001 15:40	328	248.235	71.43
7/25/2001 15:41	329	248.265	71.43
7/25/2001 15:42	330	248.325	71.43
7/25/2001 15:43	331	248.355	71.43
7/25/2001 15:44	332	248.39	71.41
7/25/2001 15:45	333	248.414	71.43
7/25/2001 15:46	334	248.444	71.43
7/25/2001 15:47	335	248.486	71.43
7/25/2001 15:48	336	248.516	71.43
7/25/2001 15:49	337	248.522	71.43
7/25/2001 15:50	338	248.546	71.43
7/25/2001 15:51	339	248.587	71.43
7/25/2001 15:52	340	248.611	71.43
7/25/2001 15:53	341	248.628	71.41
7/25/2001 15:54	342	248.647	71.43
7/25/2001 15:55	343	248.671	71.43
7/25/2001 15:56	344	248.689	71.43
7/25/2001 15:57	345	248.724	71.41
7/25/2001 15:58	346	248.748	71.43
7/25/2001 15:59	347	248.778	71.43
7/25/2001 16:00	348	248.784	71.43
7/25/2001 16:01	349	248.79	71.43



7/25/2001 16:02	350	248.813	71.41
7/25/2001 16:03	351	248.862	71.43
7/25/2001 16:04	352	248.886	71.43
7/25/2001 16:05	353	248.933	71.43
7/25/2001 16:06	354	248.951	71.43
7/25/2001 16:07	355	248.957	71.43
7/25/2001 16:08	356	248.968	71.41
7/25/2001 16:09	357	249.004	71.41
7/25/2001 16:10	358	249.035	71.43
7/25/2001 16:11	359	249.07	71.43
7/25/2001 16:12	360	249.088	71.43
7/25/2001 16:13	361	250.292	71.41
7/25/2001 16:14	362	251.067	71.39
7/25/2001 16:15	363	251.675	71.39
7/25/2001 16:16	364	252.212	71.39
7/25/2001 16:17	365	252.629	71.39
7/25/2001 16:18	366	252.915	71.39
7/25/2001 16:19	367	253.184	71.39
7/25/2001 16:20	368	253.416	71.39
7/25/2001 16:21	369	253.679	71.39
7/25/2001 16:22	370	253.864	71.39
7/25/2001 16:23	371	254.031	71.39
7/25/2001 16:24	372	254.156	71.39
7/25/2001 16:25	373	254.233	71.39
7/25/2001 16:26	374	254.323	71.39
7/25/2001 16:27	375	254.394	71.39
7/25/2001 16:28	376	254.472	71.39
7/25/2001 16:29	377	254.556	71.41
7/25/2001 16:30	378	254.622	71.41
7/25/2001 16:31	379	254.711	71.41
7/25/2001 16:32	380	254.783	71.41
7/25/2001 16:33	381	254.842	71.41
7/25/2001 16:34	382	254.89	71.41
7/25/2001 16:35	383	254.956	71.41
7/25/2001 16:36	384	255.039	71.41
7/25/2001 16:37	385	255.087	71.41
7/25/2001 16:38	386	255.117	71.41
7/25/2001 16:39	387	255.146	71.41
7/25/2001 16:40	388	255.188	71.41
7/25/2001 16:41	389	255.254	71.41
7/25/2001 16:42	390	255.29	71.41
7/25/2001 16:43	391	255.325	71.41
7/25/2001 16:44	392	255.367	71.41
7/25/2001 16:45	393	255.409	71.41
7/25/2001 16:46	394	255.462	71.41
7/25/2001 16:47	395	255.492	71.41
7/25/2001 16:48	396	255.516	71.41
7/25/2001 16:49	397	255.57	71.41
7/25/2001 16:50	398	255.623	71.41

End of Step 3

7/25/2001 16:51	399	255.659	71.41
7/25/2001 16:52	400	255.682	71.39
7/25/2001 16:53	401	255.712	71.39
7/25/2001 16:54	402	255.737	71.41
7/25/2001 16:55	403	255.784	71.41
7/25/2001 16:56	404	255.832	71.41
7/25/2001 16:57	405	255.873	71.39
7/25/2001 16:58	406	255.897	71.39
7/25/2001 16:59	407	255.927	71.39
7/25/2001 17:00	408	255.963	71.39
7/25/2001 17:01	409	256.017	71.41
7/25/2001 17:02	410	256.052	71.39
7/25/2001 17:03	411	256.089	71.41
7/25/2001 17:04	412	256.118	71.39
7/25/2001 17:05	413	256.13	71.39
7/25/2001 17:06	414	256.16	71.41
7/25/2001 17:07	415	256.183	71.39
7/25/2001 17:08	416	256.225	71.39
7/25/2001 17:09	417	256.244	71.41
7/25/2001 17:10	418	256.267	71.41
7/25/2001 17:11	419	256.296	71.39
7/25/2001 17:12	420	256.315	71.41
7/25/2001 17:13	421	256.332	71.39
7/25/2001 17:14	422	256.356	71.39
7/25/2001 17:15	423	256.381	71.41
7/25/2001 17:16	424	256.386	71.39
7/25/2001 17:17	425	256.411	71.41
7/25/2001 17:18	426	256.434	71.39
7/25/2001 17:19	427	256.47	71.41
7/25/2001 17:20	428	256.494	71.41
7/25/2001 17:21	429	256.535	71.39
7/25/2001 17:22	430	256.56	71.41
7/25/2001 17:23	431	256.577	71.39
7/25/2001 17:24	432	256.595	71.39
7/25/2001 17:25	433	256.607	71.39
7/25/2001 17:26	434	256.618	71.39
7/25/2001 17:27	435	256.648	71.39
7/25/2001 17:28	436	256.678	71.39