NORTHWAY WELL AND PUMP COMPANY

4895 8th Avenue
Marion, Iowa 52302
319-377-6339

100 North 6th Street
Waukee, Iowa 50263
515-987-4575

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WELL TEST DATA REPORT

Customer Central Iowa Rural Water City Waverly, Iowa
Location West of Waverly Well No. Production Well No. 1
Size Casing 18" Total Depth 225 Construction Steel
Pump Make Flowserve Model No. 14 ENL-A No.of Stages 2
Diameter 14" Total Setting 100 Air Line Length 100
Meter Used 12" Static Level 50.3"

DATE	TIME	GPM	P.L.	D.D.	S.C.	P.S.I.	TEMP. DISCHARGE DESCRIPTION
1-26-05	9:50	1500	62	11.7	128.2	57	Dirty Brown with Sand
	9:51	1500	62	11.7	128.2	57	" "
	9:52	1500	62	11.8	127.1	57	" "
	9:53	1500	62.1	11.8	127.1	57	" "
	9:54	1500	62.1	11.8	127.1	57	" "
	9:55	1500	62.1	11.8	127.1	57	" "
	9:56	1500	62.1	11.8	127.1	57	" "
	9:57	1500	62.1	11.8	127.1	57	" "
	9:58	1500	62.1	11.8	127.1	57	" "
	9:59	1500	62.1	11.8	127.1	57	" "
	10:00	1500	62.1	11.8	127.1	57	" "
	10:05	1500	62.2	11.9	126	57	" "
	10:10	1500	62.2	11.9	126	57	" "
	10:15	1550	62.3	12	125	57	" "
	10:20	1550	62.3	12	129.1	57	" "
	10:25	1550	62.3	12	129.1	57	" "
	10:30	1550	62.4	12	129.1	57	" "
	10:35	1550	62.4	12	128	57	" "
	11:00	1550	62.4	12	128	57	" "
	11:01	2000	66.2	15.9	125.7	50	" "
	11:02	2000	66.8	16.5	121.2	50	" "
	11:03	2000	67.3	17	117.6	50	" "
	11:04	2000	67.9	17.6	113.6	48	" "
	11:05	2000	68.5	18.2	109.8	48	" "
	11:06	2000	69.1	18.8	106.3	48	" "
	11:07	2000	69.9	19.6	102	48	" "
	11:08	2000	70.6	20.3	98.5	42	" "

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DATE	TIME	GPM	P.L.	D.D.	S.C.	P.S.I.	TEMP. DISCHARGE DESCRIPTION
1-26-05	11:09	2000	71.5	21.2	94.3	40	Dirty with Sand
	11:10	2000	72.4	22.1	90.4	35	" "
	11:15	2000	73.8	23.5	85.1	35	" "
	11:20	2000	73.8	23.5	85.1	35	" "
	11:25	2000	73.8	23.5	85.1	30	" "
	11:30	2000	73.8	23.5	85.1	22	" "
	11:31	2500	75	24.7	101.2	5	" "
	11:32	2500	76.3	26	96.1	5	" "
	11:33	2500	77.6	27.3	91.5	5	" "
	11:34	2500	78.4	28.1	88.9	5	" "
	11:35	2500	79.6	29.3	85.3	5	" "
	11:36	2500	80.1	29.8	83.9	0	" "
	11:37	2500	80	29.7	84.1	0	" "
	11:38	2500	80.8	30.5	81.9	0	" "
	11:39	2500	81	30.7	81.4	0	" "
	11:40	2500	81.3	31	80.6	0	" "
	11:45	2500	80.6	30.3	82.5	0	" "
	11:50	2500	80.6	30.3	82.5	0	" "
	11:55	2500	81.9	31.6	79.1	0	" "
PM	12:00	2500	83.6	33.3	75	0	Clearing
	12:05	2500	84.1	33.8	73.9	0	Clearing
	12:10	2500	83.8	33.5	74.6	0	Clearing
	12:30	2500	77.6	27.3	91.5	0	Clearing
	1:00	2500	77.6	27.3	91.5	0	Clearing
	1:30	2500	75.4	25.1	99.6	0	Clear
	2:00	2500	75.4	25.1	99.6	0	Sand Content 250 ppm
	2:30	2500	75.4	25.1	99.6	0	Sand Content 240 ppm

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DATE	TIME	GPM	P.L.	D.D.	S.C.	P.S.I.	TEMP. DISCHARGE DESCRIPTION
1-26-05	3:00	2500	75	24.7	101.2	0	Clear
	4:00	2500	75	24.7	101.2	0	Clear
	5:00	2600	74	23.7	109.7	0	Sand Content 41 ppm
	6:00	2450	72	21.7	112.9	0	Clear
	7:00	2150	68	17.7	121.4	0	Sand Content 100 ppm
	8:00	2100	67.9	17.6	119.3	0	Sand Content 62 ppm
	9:00	2080	68.1	17.8	116.8	0	Sand Content 27 ppm
	10:00	2000	67.4	17.1	116.9	0	Sand Content 20 ppm
	11:00	2000	66.8	16.5	121.2	0	Sand Content 10.5 ppm
1-27-05	12:00 am	2020	66.4	16.1	125.4	0	Clear
	1:00	2020	66.3	16	126.8	0	Sand Content 6.6 ppm
	2:00	2030	66.2	15.9	125.7	0	Clear
	3:00	2020	66.3	15.9	127	0	Sand Content 6.6 ppm
	4:00	2030	66.2	16	126.8	0	Clear
	5:00	2030	66	15.9	125.7	0	Sand Content 4.8 ppm
	6:00	2020	66.3	16	126.2	0	Clear
	7:00	2000	66.2	15.9	125.7	0	Sand Content 3.4 ppm
	8:00	2000	66	15.7	133.3	0	Sand Content 3.4 ppm
	8:30	1500	61.35	11.05	135.7	20	Clear
	8:45	1500	61.15	10.85	138.2	20	Sand Content 3.0 ppm
	9:00	1500	61.12	10.82	138.6	20	Sand Content 3.0 ppm
	9:30	1500	61	10.7	140.1	20	Sand Content 2.9 ppm
	10:30	1500	60.85	10.55	142.1	20	Sand Content 2.9 ppm
Recovery	10:31		51.30				
	10:32		51.28				
	10:33		51.20				
	10:34		51.06				
	10:35		50.9				
	10:40		50.8				
	10:45		50.4				
	10:55		50.3 Static				