Northway Well and Pump Co.

4895 8th Avenue
Marion, Iowa 52302
319-377-6339
1-800-747-6339

100 North 6th Street
Waukee, Iowa 50263
515-987-4575
1-800-747-4575

WELL TEST DATA REPORT

Customer Fort Dodge Water Works City Fort Dodge, IA
Location N42 29'.4" W97 10'55.1" Well No. 20
Size Casing 24" Total Depth 1948' Construction Jordan
Make Pump Goulds Model No. 14RKBL No. of Stages 4
Diameter 14" Total Setting 390' Air Line Length 390
Meter 12" Propeller Static Level 142'

DATE	TIME	GPM	P.L.	D.D.	S.C.	PSI	Water Description	
08/07/13	8:52 am	2280	142'	0			Sand #20	#18
	8:53	2200	201'	59'	38.64			WL GPM
	8:54	2140	220'	78'	28.21			200' @ 1852
	8:55	2130	227'	85'	25.18			
	8:56	2110	231'	89'	23.93			
	8:57	2190	234'	92'	22.93			
	8:58	2070	235'	93'	22.47			
	8:58	2060	236'	94'	22.02			
	9:00	2060	237'	95'	21.68			
	9:01	2060	237'	95'	21.68			
	9:02	2060	237'	95'	21.68		5 PPM	
	9:07	2040	239'	97'	21.03			
	9:12	2040	241'	99'	20.61			
	9:17	2040	243'	101'	20.20		7 PPM	
	9:22	2030	244'	102'	19.90			
	9:27	2030	245'	103'	19.71		10 PPM	
	9:32	2030	245'	103'	19.71			
	9:37	2030	246'	104'	19.52		7 PPM	
	10:07	2010	248'	106'	18.96		5 PPM	202' @ 1852
	10:37	2000	249'	107'	18.69		3 PPM	
	11:07	1990	253'	111'	17.93		2 PPM	203' @ 1849
	12:07 pm	1990	253'	111'	17.93		1 PPM	153' OFF
	1:07	2000	254'	112'	17.86		1 PPM	
	2:07	2000	256'	114'	17.54		1 PPM	153' OFF
	3:07	2000	256'	114'	17.54		1 PPM	202' @ 1843
	4:07	2000	258'	116'	17.24		Trace	205' @ 1835
	5:07	1980	258'	116'	17.07		Trace	207' @ 1828
	6:07	2000	260'	118'	16.95		Trace	208' @ 1820
	7:07	2000	261'	119'	16.81		Trace	209' @ 1811

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WELL TEST DATA REPORT

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Customer Fort Dodge Water Works City Fort Dodge
Location N42 29'.4" W97 10'55.1" Well No. 20

DATE	TIME	GPM	P.L.	D.D.	S.C.	P.S.I.	TEMP DISCHARGE DESCRIPTION
08/07/13	8:07pm	2000	262'	120'	16.67		Trace 209' @ 1811
	9:07	2000	263'	121'	16.53		Trace 209' @ 1806
	10:07	2000	264'	122'	16.39		Trace 209' @ 1801
	11:07	2000	263'	121'	16.53		Trace 211' @ 1790
08/08/13	12:07 am	2000	265'	123'	16.26		Trace 211' @ 1784
	1:07	2000	265'	123'	16.26		Trace 212' @ 1778
	2:07	2000	265'	123'	16.26		Trace 167' OFF
	3:07	2000	264'	122'	16.39		Trace 155' OFF
	4:07	2000	264'	122'	16.39		Trace 154' OFF
	5:07	2000	265'	123'	16.26		Trace 204' @ 1861
	6:07	2000	266'	124'	16.13		Trace 208' @ 1801
	7:07	2000	267'	125'	16		Trace 210' @ 1803
	8:07	2000	267'	125'	16		Trace 211' @ 1783
	9:07	2000	268'	126'	15.87		Trace 212' @ 1780
Recovery	9:08		184'				
	9:09		177'				
	9:10		172'				
	9:11		169'				
	9:12		167'				
	9:13		166'				
	9:14		165'				
	9:15		164'				
	9:16		163'				
	9:17		163'				
	9:18		164'				
	9:19		162'				
	9:20		161'				
	10:20		150'				