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, Iowa
Location 819 1st Ave. S Well No. 18
Size Casing 24" & 18" Total Depth 1863' Construction Jordan
Make Pump Goulds Model No. 814RHBL No. of Stages 4
Diameter 14" Total Setting 390' Air Line Length 390'
Meter Used 12" Static Level 105.7'

DATE	TIME	GPM	P.L.	D.D.	S.C.	P.S.I.	TEMP DISCHARGE DESCRIPTION
12/18/12	11:00 am	2250	105'				
	11:01	2250	143'	37.3'	60.32		Clear
	11:02	2250	146'	40.3'	55.83		.2 Parts Sand
	11:03	2250	149'	43.3'	51.96		
	11:04	2250	152'	46.3'	48.59		
	11:05	2250	154'	48.3'	46.58		
	11:06	2250	156'	50.3'	44.73		
	11:07	2250	157.2'	51.5'	43.69		
	11:08	2250	157.8'	52.1'	43.18		
	11:09	2250	158'	52.3'	43.02		
	11:10	2250	158.2'	52.5'	42.85		
	11:15	2250	160'	54.3'	41.43		
	11:20	2250	161'	55.3'	40.68		
	11:25	2250	162.2'	56.5'	39.82		
	11:30	2250	162.9'	57.2'	39.33		
	11:35	2250	164'	58.3'	38.59		
	11:40	2250	165'	59.3'	37.94		
	11:45	2250	165.6'	59.9'	37.56		
12/18/12	12:15pm	2250	169'	63.3'	35.54		Trace of sand
	1:15	2250	171.5'	65.8'	34.19		
	2:15	2250	176.1'	68.3'	31.96		
	3:15	2250	178.3'	72.6'	30.99		
	4:15	2250	180.1'	74.4'	30.24		
	5:15	2250	182'	76.3'	29.48		
	6:15	2250	183.1'	77.4'	29.07		
	7:15	2250	184.5'	78.8'	28.55		
	8:15	2250	185.6'	79.9'	28.16		
	9:15	2250	186.4'	80.7'	27.88		

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Customer Fort Dodge Water Works City Fort Dodge, IA
Location 819 1st Ave. S Well No. 18

DATE	TIME	GPM	P.L.	D.D.	S.C.	P.S.I.	TEMP DISCHARGE DESCRIPTION
12/18/12	10:15pm	2250	187.5'	81.8'	27.50		-0- Sand
	11:15	2250	188.4'	82.7'	27.20		
12/19/12	12:15am	2250	189'	83.3'	27.01		
	1:15	2250	190.4'	84.7'	26.56		
	2:15	2250	190.8'	85.1'	26.44		
	3:15	2250	191'	85.3'	26.37		
	4:15	2250	191.3'	85.6'	26.28		
	5:15	2250	191.7'	86'	26.16		
	6:15	2250	192.4'	86.7'	25.95		
	7:15	2250	193.1'	87.4'	25.74		
	8:15	2250	193.8'	88.1'	25.54		
	9:15	2250	194.4'	88.7'	25.36		
	10:15	2250	194.9'	89.2'	25.22		
	11:15	2250	195.5'	89.8'	25.05		-0- Sand
	11:45	2250	196'	90.3'	24.92		
Recovery	11:46		162.8'				
	11:47		156.3'				
	11:48		149.8'				
	11:49		145.8'				
	11:50		142.7'				
	11:55		138.9'				
	12:00		137'				
	12:05pm		136.2'				
	12:10		135.2'				
	12:20		133.6'				
	12:30		132.2'				
	12:45		131.4'				
	1:00		130'				
	1:30		128.1'				
	2:00		128'				

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Location 819 1st Ave. S Well No. 18

DATE	TIME	GPM	P.L.	D.D.	S.C.	P.S.I.	TEMP DISCHARGE DESCRIPTION
12/19/12							
Recovery	3:00pm		127.2'				
	4:00		126.4'				
	5:00		125.2'				
	6:00		123.9'				
	7:00		122'				
	8:00		120.8'				