91788

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 Grimes Water Department — City Grimes, Iowa
Location 8805 NW 121st — Well No. Jordan #202
Size Casing 24" — Total Depth 2475' — Construction Jordan
Make Pump Layne — Model No. 14RH — No. of Stages 8
Diameter 14" — Total Setting 530' — Air Line Length 530'
Meter Used 12" — Static Level 296'

DATE	TIME	GPM	P.L.	D.D.	S.C.	Well 201	Water Description
08/13/19	8:10am	3100	296'			374'	
	8:11	3100	330.1'	34.1'	90.90		Clear
	8:12	3100	330.2'	34.2'	90.64		"0" Sand
	8:13	3100	330.3'	34.3'	90.38		
	8:14	3100	330.3'	34.3'	90.38		
	8:15	3100	330.5'	34.5'	89.85		
	8:20	3100	330.5'	34.5'	89.85		
	8:25	3100	330.6'	34.6'	89.59		
	8:30	3100	330.6'	34.6'	89.59		
	8:35	3100	330.6'	34.6'	89.59		
	8:40	3100	330.7'	34.7'	89.34		
	8:55	3100	330.7'	34.7'	89.34		
	9:10	3100	330.8'	34.8'	89.08	375'	
	9:30	3100	330.9'	34.9'	88.82		
	10:30	3100	331.3'	35.3'	87.82		
	11:30	3100	331.6'	35.6'	87.08		
	12:30pm	3100	331.7'	35.7'	86.83	375'	
	1:30	3100	331.9'	35.9'	86.35		
	2:30	3100	331.9'	35.9'	86.35		
	3:30	3100	332.1'	36.1'	85.87	376'	
	4:30	3100	332.2'	36.2'	85.63		
	5:30	3100	332.3'	36.3'	85.39		
	6:30	3100	332.4'	36.4'	85.16		
	7:30	3100	332.4'	36.4'	85.16		
	8:30	3100	332.7'	36.7'	84.47		
	9:30	3100	332.7'	36.7'	84.47		
	10:30	3100	332.9'	36.9'	84		
	11:30	3100	333'	37'	83.78		
08/14/19	12:30am	3100	333'	37'	83.78		

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WELL TEST DATA REPORT

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Customer Grimes Water Department City Grimes, Iowa
Location 8805 NW 121st. Well No. 202

DATE	TIME	GPM	P.L.	D.D.	S.C.	Well 201	TEMP DISCHARGE DESCRIPTION
08/14/19	1:30am	3100	333'	37'	83.78		
	2:30	3100	333.1'	37.1'	83.56		
	3:30	3100	333.1'	37.1'	83.56		
	4:30	3100	333.2'	37.2'	83.33		
	5:30	3100	333.2'	37.2'	83.33		
	6:30	3100	333.3'	37.3'	83.11		
	7:30	3100	333.3'	37.3'	83.11	377'	
	8:30	3100	333.4'	37.4'	82.88		
	9:30	3100	333.4'	37.4'	82.88		
	10:30	3100	333.4'	37.4'	82.88		
	11:30	3100	333.4'	37.4'	82.88		Well #201 Ramped Up
	12:30pm	3100	333.5'	37.5'	82.66	385'	1200 GPM
	1:30	3100	333.5'	37.5'	82.66		
	2:30	3100	333.5'	37.5'	82.66		
	3:30	3100	334.6'	38.6'	80.31		
	4:30	3100	334.6'	38.6'	80.31		
	5:30	3100	334.6'	38.6'	80.31		
	6:30	3100	334.7'	38.7'	80.10		
	7:30	3100	334.7'	38.7'	80.10		
	8:30	3100	334.7'	38.7'	80.10		
	9:30	3100	334.7'	38.7'	80.10		
	10:30	3100	334.8'	38.8'	79.89		
	11:30	3100	334.9'	38.9'	79.69		
08/15/19	12:30	3100	335'	39'	79.48		
	1:30	3100	335'	39'	79.48		
	2:30	3100	335.1'	39.1'	79.28		
	3:30	3100	335.1'	39.1'	79.28		
	4:30	3100	335.1'	39.1'	79.28		
	5:30	3100	335.1'	39.1'	79.28		
	6:30	3100	335.1'	39.1'	79.28		

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Customer Grimes Water Department City Grimes, Iowa
Location 8805 NW 121st. Well No. 202

DATE	TIME	GPM	P.L.	D.D.	S.C.	Well 201	TEMP DISCHARGE DESCRIPTION
08/15/19	7:30am	3100	335.2'	39.2'	79.08		
	8:30	3100	335.2'	39.2'	79.08	379'	
	9:30	3100	335.3'	39.3'	78.88		
	10:30	3100	335.4'	39.4'	78.68		
	11:30	3100	335.5'	39.5'	78.48		
	12:30pm	3100	335.6'	39.6'	78.28	386'	
	1:30	3100	335.7'	39.7'	78.08		
	2:30	3100	335.7'	39.7'	78.08		
	3:30	3100	335.7'	39.7'	78.08	379'	
	4:30	3100	335.7'	39.7'	78.08		
	5:30	3100	335.7'	39.7'	78.08		
	6:30	3100	335.8'	39.8'	77.89		
	7:30	3100	335.8'	39.8'	77.89		
	8:30	3100	335.8'	39.8'	77.89		
	9:30	3100	335.8'	39.8'	77.89		
	10:30	3100	335.9'	39.9'	77.69		
	11:30	3100	335.9'	39.9'	77.69		
08/16/19	12:30	3100	335.9'	39.9'	77.69		
	1:30	3100	336'	40'	77.50		
	2:30	3100	336'	40'	77.50		
	3:30	3100	336'	40'	77.50		
	4:30	3100	336'	40'	77.50		
	5:30	3100	336.1'	40.1'	77.30		
	6:30	3100	336.1'	40.1'	77.30		
	7:30	3100	336.1'	40.1'	77.30	380'	
	8:10	3100	336.1'	40.1'	77.30		

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Customer Grimes Water Department City Grimes, Iowa
Location 8805 NW 121st. Well No. 202

DATE	TIME	GPM	P.L.	D.D.	S.C.	Well 201	TEMP DISCHARGE DESCRIPTION
08/15/19	7:30am	3100	335.2'	39.2'	79.08		
	8:30	3100	335.2'	39.2'	79.08	379'	
	9:30	3100	335.3'	39.3'	78.88		
	10:30	3100	335.4'	39.4'	78.68		
	11:30	3100	335.5'	39.5'	78.48		
	12:30pm	3100	335.6'	39.6'	78.28	386'	
	1:30	3100	335.7'	39.7'	78.08		
	2:30	3100	335.7'	39.7'	78.08		
	3:30	3100	335.7'	39.7'	78.08	379'	
	4:30	3100	335.7'	39.7'	78.08		
	5:30	3100	335.7'	39.7'	78.08		
	6:30	3100	335.8'	39.8'	77.89		
	7:30	3100	335.8'	39.8'	77.89		
	8:30	3100	335.8'	39.8'	77.89		
	9:30	3100	335.8'	39.8'	77.89		
	10:30	3100	335.9'	39.9'	77.69		
	11:30	3100	335.9'	39.9'	77.69		
08/16/19	12:30	3100	335.9'	39.9'	77.69		
	1:30	3100	336'	40'	77.50		
	2:30	3100	336'	40'	77.50		
	3:30	3100	336'	40'	77.50		
	4:30	3100	336'	40'	77.50		
	5:30	3100	336.1'	40.1'	77.30		
	6:30	3100	336.1'	40.1'	77.30		
	7:30	3100	336.1'	40.1'	77.30	380'	
	8:10	3100	336.1'	40.1'	77.30		

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Location 8805 NW 121st. Well No. 202

DATE	TIME	GPM	P.L.	D.D.	S.C.	Well 201	TEMP DISCHARGE DESCRIPTION
08/16/19	**Recovery**						
	8:11		305'				
	8:12		303'				
	8:13		303'				
	8:14		303'				
	8:15		302'				
	8:20		302'				
	8:25		302'				
	8:30		302'				
	8:35		302'				
	8:40		302'				
	8:55		302'				
	9:10		302'				
	9:25		302'				
	10:00		302'				
08/19/19			**302'**				
Using the	**302' as**	**Static**		**34.1'**	**90.90**		