



WATER · MINERAL · ENERGY

WELL TEST DATA SHEET
Layne Christensen Company
 PROFESSIONAL SERVICES FOR WATER SYSTEMS

Job Name	Thurman, IA	Job # :	45345	Date	7/22/2017
Location	Thurman, IA	Well ID:	new well	Tested By	J. Watson
Dia. of Well	10"			Driver type & HP	15hp
Depth of Well	102.7 ft.	Orifice Size	4" x 3"	Column & Shaft size	3"
Length of Airline	ft.	Flowmeter type & Size		Bowl mod & stgs	150S 8stages
Pump Setting	84 ft.			Manufacturer	Grundfos
Static Level	36.1 ft.	Page :	1 Of 3	Pump serial No.	

Time	Piez. (in)	G.P.M.	Air Gauge (ft)	Pumping Level	Drawdown	Specific Capacity	Discharge Lbs.	Total Head	Sand PPM	AMPS / RPM	Remarks
15:00	4.0			39.1	3	0	135		0		
15:00	4.0			39.6	3.5	0	135				
15:01	4.0			39.6	3.5	0	135				
15:01	4.0			39.9	3.8	0	135				
15:02	4.0			39.9	3.8	0	135				
15:02	4.0			39.9	3.8	0	135				
15:03	4.0			39.9	3.8	0	135				
15:03	4.0			39.9	3.8	0	135				
15:04	5.0	88		40.7	4.6	19.1304	130				
15:04	6.0	97		41	4.9	19.7959	129				
15:05	9.0	119		41.3	5.2	22.8846	120				
15:06	9.0	119		42	5.9	20.1695	115				
15:07	9.0	119		42.2	6.1	19.5082	115				
15:08	9.0	119		42.4	6.3	18.8889	115				
15:09	9.0	119		42.6	6.5	18.3077	115				
15:10	9.0	119		42.6	6.5	18.3077	115				
15:11	9.0	119		42.9	6.8	17.5	115				
15:12	9.0	119		42.9	6.8	17.5	115				
15:13	9.0	119		42.9	6.8	17.5	115				
15:14	9.0	119		43	6.9	17.2464	115				
15:15	9.0	119		43	6.9	17.2464	115		0		Test Well Water LVL 40'
15:20	9.0	119		43.2	7.1	16.7606	115				



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Dia. of Well	10"			Driver type & HP	_____
Depth of Well	102.7 ft.	Orifice Size	_____	Column & Shaft size	_____
Length of Airline	_____ ft.	Flowmeter type & Size	_____	Bowl mod & stgs	_____
Pump Setting	84 ft.			Manufacturer	_____
Static Level	36.1 ft.	Page :	2 Of 3	Pump serial No.	_____

Time	Piez. (in)	G.P.M.	Air Gauge (ft)	Pumping Level	Drawdown	Specific Capacity	Discharge Lbs.	Total Head	Sand PPM	AMPS / RPM	Remarks
15:25	9.0	119		43.3	7.2	16.5278	115				
15:30	9.0	119		43.4	7.3	16.3014	115		0		
15:35	9.0	119		43.5	7.4	16.0811	115				
15:40	9.0	119		43.6	7.5	15.8667	115				
15:45	9.0	119		43.6	7.5	15.8667	115				
15:50	9.0	119		43.6	7.5	15.8667	115				
15:55	9.0	119		43.7	7.6	15.6579	115				
16:00	9.0	119		44	7.9	15.0633	115		0		test well water lvl 41'
16:10	9.0	119		44.1	8	14.875	115				
16:20	11.5	134		44.3	8.2	16.3415	110				
16:30	9.5	122		43.9	7.8	15.641	115		0		
16:40	9.5	122		43.9	7.8	15.641	115				
16:50	9.5	122		43.9	7.8	15.641	115				
17:00	9.5	122		43.9	7.8	15.641	115		0		test well water lvl 41.2
17:20	9.5	122		43.9	7.8	15.641	115				
17:40	9.5	122		43.9	7.8	15.641	115				
18:00	9.5	122		43.9	7.8	15.641	115				
18:30	9.5	122		43.9	7.8	15.641	115				
19:00	9.5	122		44	7.9	15.443	120				
19:30	9.5	122		44	7.9	15.443	120				test well water lvl 41.6
20:00	9.5	122		44	7.9	15.443	120				
21:00	9.5	122		44	7.9	15.443	120				



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Location _____	Well ID: _____	Tested By _____
Dia. of Well <u>10"</u>		Driver type & HP _____
Depth of Well <u>102.7</u> ft.	Orifice Size _____	Column & Shaft size _____
Length of Airline _____ ft.	Flowmeter type & Size _____	Bowl mod & stgs _____
Pump Setting <u>84</u> ft.		Manufacturer _____
Static Level <u>36.1</u> ft.	Page : <u>3</u> Of <u>3</u>	Pump serial No. _____

Time	Piez. (in)	G.P.M.	Air Gauge (ft)	Pumping Level	Drawdown	Specific Capacity	Discharge Lbs.	Total Head	Sand PPM	AMPS / RPM	Remarks
22:00	9.5	122		44	7.9	15.443	120				
23:00	9.5	122		44	7.9	15.443	120				
0:00	9.5	122		44	7.9	15.443	120				test well water lvl 41.7
1:00	9.5	122		44	7.9	15.443	120				
2:00	9.5	122		44	7.9	15.443	120				
3:00	9.5	122		44	7.9	15.443	120				test well water lvl 41.7
				0	-36.1	0					
				0	-36.1	0					
				0	-36.1	0					
Recovery				0	-36.1	0					
3:00				40	3.9	0					
3:03				38	1.9	0					
3:12				37.9	1.8	0					
3:17				37.8	1.7	0					
3:25				37.6	1.5	0					
3:31				37.6	1.5	0					
3:35				37.4	1.3	0					
3:45				37.2	1.1	0					
4:00				37	0.9	0					
4:15				36.9	0.8	0					
4:45				36.7	0.6	0					
5:00				36.6	0.5	0					