

WELL TEST DATA SHEET



Layne-Western Company, Inc.

WATER SUPPLY CONTRACTORS

705 SO. DUFF AVE.

AMES, IOWA 50010

Phone 515 232-3563

Job..... City of Alta Well no. 5 Date Tested. 12 / 8 / 87
 Location..... Lake and 1st
 Dia. of Well..... 12"
 Depth of Well..... 563'
 Length of Airline..... M-Scope
 Non-Pumping Level..... 329
 Orifice Size..... 6 x 5
 Pump Used:
 Tested By..... W. Stockton
 Driver..... 6 - 71
 Column and Shaft..... 8 x 1 1/2 x 1 11/16
 Bowls..... 10 stage 10"
 Manufacturer
 Serial No.

Time	Pizometer Reading (in.)	G. P. M.	Air Gauge Reading (feet)	M-Scope Pumping Level	Drawdown	Disch. Pressure		Total Pumping Head	Remarks
						Lbs.	Feet		
1:05 p.m.	13.5	457		329					Just got done
1:06	13	449		400	71				surging with phosphate.
1:07	13	449		395	66				Water very dirt
1:08	13	449		395	66				no noticable sand in 5 gal. buck
1:09	13	449		395	66				Somewhat cleaner
1:10	13	449		395	66				but still very dirty.
1:11	13	449		395	66				
1:15	12.5	440		395	66				
1:20	12.5	440		395	66				
1:25	12.5	440		395	66				Opened motor
1:30	15	482		400	71				full throttle
1:35	15	482		400	71				
1:40	15	482		400	71				Water getting
1:45	15	482		400	71				cleaner.
1:50	15	482		400	71				
2:00 p.m.	15	482		400	71				Water has clear
2:30	15	482		400	71				but cannot see fingers through
2:35	19	543		371	42				Surged twice.
2:45	19	543		370	41				Full throttle,
2:50	19	543		370	41				water got very dirty surged
3:00	20	557		371	42				again around 2:50.
3:15	19	543		376	47				
3:30	19	543		375	46				
3:45	19	543		372	43				Surged.
4:00	19	543		372	43				

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#28613

28754



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705 SO. DUFF AVE.

AMES, IOWA 50010

Phone 515 232-3563

Job..... City of Alta Well no..... 5 Date Tested 12/8/87 & 12/9/87
 Location..... 1st and Lake Tested By W. Stockton & C. Thomas
 Dia. of Well 12" Driver Detroit 6 - 71
 Depth of Well 563 Pump Used: Column and Shaft 8" x 1 1/2 x 1 11/16
 Length of Airline M-Scope 500' Bowls 10" 10 stage
 Non-Pumping Level 329 Manufacturer
 Orifice Size 6 x 5 Serial No.....

Time	Pizometer Reading (in.)	G. P. M.	Air Gauge Reading (feet)	Pumping Level	Drawdown	Disch. Pressure		Total Pumping Head	Remarks
						Lbs.	Feet		
8:10 p.m.	0	557		329					
8:11	0	557		370	41				A little murky.
8:12	20	557		370	41				
8:13	20	557		370	41				
8:14	20	557		370	41				
8:15	19.5	550		370	41				Getting clearer
8:20	19.5	550		370	41				but just barely able to see
8:25	19.5	550		370	41				fingers through it.
8:30	19.5	550		370	41				
8:35	19.5	550		370	41				Crystal clear.
8:40	19.5	550		370	41				
8:45	19.5	550		370	41				
8:50	19.5	550		371	42				
8:55	19	543		371	42				
9:00 p.m.	19	543		371	42				
9:30	19	543		371	42				
10:00	19	543		371	42				
10:30	19	543		371	42				
11:00	19	543		371	42				
11:30	19	543		371	42				
12:00 a.m.	19	543		371	42				
12:30	19	543		371	42				
1:00	19	543		371	42				
2:00	19	543		371	42				
3:00	19	543		371	42				

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Job..... City of Alta Well no. 5 Date Tested... 12/8/87 & 12/9/87.....
 Location..... 1st and Lake
 Dia. of Well... 12"
 Depth of Well... 563
 Length of Airline... M-scope
 Non-Pumping Level... 329
 Orifice Size... 6 x 5
 Pump Used:
 Tested By... W. Stockton & C. Thomas
 Driver.....
 Column and Shaft.....
 Bowls.....
 Manufacturer
 Serial No.....

Time	Pizometer Reading (in.)	G. P. M.	Air Gauge Reading (feet)	Pumping Level	Drawdown	Disch. Pressure		Total Pumping Head	Remarks
						Lbs.	Feet		
4:00 a.m.	19	543		371	42				
5:00	19.5	550		373	44				
6:00	20	557		374	45				
7:00	20	557		373	44				
8:00	20	557		373	44				
9:00	20	557		373	44				
10:00	20	557		373	44				
1:00	20	557		373	44				
2:00 p.m.	20.5	564		373	44				
1:00	20	564		373	44				
2:00	20	557		373	44				
3:00	20	557		373	44				
4:00	20	557		373	44				Took water sample Also I bottle for Harold at Storm Lake.
4:05	13	449		365	36				At 4:05 p.m. throttled back to 449 GPM.
4:08	13.5	457		365	36				
4:15	12	431		360	31				
4:30	12	431		360	31				
4:45	12	431		360	31				
5:00	12	431		360	31				
5:15	12	431		361	32				
5:30	12	431		361	32				
6:00	12	431		361	32				
6:30	12	431		361	32				
7:00	12	431		361	32				
7:30	12	431		361	32				

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Job..... City of Alta Well no. 5 Date Tested 12/8/87 & 12/9/87

Location.....

Dia. of Well.....

Depth of Well..... Pump Used: Column and Shaft.....

Length of Airline.....

Non-Pumping Level.....

Orifice Size.....

Tested By.....

Driver.....

Bowls.....

Manufacturer

Serial No.....

Time	Pizometer Reading (in.)	G. P. M.	Air Gauge Reading (feet)	M-scope		Disch. Pressure		Total Pumping Head	Remarks
				Pumping Level	Drawdown	Lbs.	Feet		
8:10 p.m.	12	431		361	32				
8:11				335	71	Regidual drawdown			
8:12				330	88				
8:13				330	88				
8:14				334	86				
8:15				334	86				
8:20				333	86				
8:25	12.5	440		333	86				
8:30	12.5	440		332	86				
8:35	12.5	440		332	86				
8:40	15	482		332	71				
8:45	15	482		331	71				
8:50	15	482		400	71				
8:55	15	482		400	71				
9:00	15	482		400	71				
9:05	15	482		400	71				
9:10	15	482		400	71				
9:15	15	482		400	71				
9:20	15	482		400	71				
9:25	15	482		400	71				
9:30	15	482		400	71				
9:35	15	482		400	71				
9:40	15	482		400	71				
9:45	15	482		400	71				
9:50	15	482		400	71				
9:55	15	482		400	71				
10:00	15	482		400	71				
10:05	15	482		400	71				
10:10	15	482		400	71				
10:15	15	482		400	71				
10:20	15	482		400	71				
10:25	15	482		400	71				
10:30	15	482		400	71				
10:35	15	482		400	71				
10:40	15	482		400	71				
10:45	15	482		400	71				
10:50	15	482		400	71				
10:55	15	482		400	71				
11:00	15	482		400	71				
11:05	15	482		400	71				
11:10	15	482		400	71				
11:15	15	482		400	71				
11:20	15	482		400	71				
11:25	15	482		400	71				
11:30	15	482		400	71				
11:35	15	482		400	71				
11:40	15	482		400	71				
11:45	15	482		400	71				
11:50	15	482		400	71				
11:55	15	482		400	71				
12:00	15	482		400	71				