

WELL TEST DATA REPORT

LAYNE-WESTERN

PROJECT: City of Auburn
 LOCATION: Auburn, Iowa
 WELL NO: 4
 WELL DIAMETER: 14 inches
 WELL DEPTH: 235 feet - from top of casing
 TOP OF SCREEN: 200 feet - from top of casing
 STATIC LEVEL: 106.0 feet - from top of casing
 ORIFICE SIZE: 6" x 3"

DATE TESTED: 4/22/97 - 4/23/97
 TESTED BY: Dave Deaver
 DRIVER: Submersible motor
 COLUMN AND SHAFT: 4" drop pipe
 BOWL SIZE & MAKE:
 MANUFACTURER: Grundfos
 SERIAL NUMBER:

TIME	PIEZ. READ. (IN)	FLOW RATE (GPM)	AIRLINE READING (FEET)	WATER LEVEL (FEET)	DRAW DOWN (FEET)	DISCHARGE PRESSURE (LBS.) (FEET)		SPEC. CAPACITY (GPM/FT)	REMARKS
1 min.	21.0	155		143.5	37.5			4.1	
2	21.0	155		140.6	34.6			4.5	
3	21.0	155		140.6	34.6			4.5	
4	19.0	148		149.4	43.4			3.4	
5	19.0	148		151.6	45.6			3.2	
10	18.5	146		157.4	51.4			2.8	
15	17.5	142		158.6	52.6			2.7	
20	17.5	142		151.8	45.8			3.1	
25	17.5	142		162.7	56.7			2.5	
30	17.5	142		164.6	58.6			2.4	
35	17.5	142		164.7	58.7			2.4	
40	17.5	142		164.8	58.8			2.4	
45	17.5	142		165.5	59.5			2.4	
50	17.5	142		165.8	59.8			2.4	
55	17.5	142		166.0	60.0			2.4	
1 hr.	17.5	142		166.6	60.6			2.3	
1:15	17.5	142		167.3	61.3			2.3	
1:30	17.5	142		167.6	61.6			2.3	
1:45	17.5	142		167.8	61.8			2.3	
2:00	17.5	142		168.0	62.0			2.3	
2:30	17.5	142		168.3	62.3			2.3	
3:00	17.5	142		168.9	62.9			2.3	
3:30	17.5	142		168.9	62.9			2.3	
4 hrs.	17.5	142		169.7	63.7			2.2	
5	17.5	142		169.7	63.7			2.2	

WELL TEST DATA REPORT*LAYNE-WESTERN*

PROJECT: City of Auburn
 LOCATION: Auburn, Iowa
 WELL NO: 4
 WELL DIAMETER: 14 inches
 WELL DEPTH: 235 feet - from top of casing
 TOP OF SCREEN: 200 feet - from top of casing
 STATIC LEVEL: 106.0 feet - from top of casing
 ORIFICE SIZE: 6" x 3"

DATE TESTED: 4/22/97 - 4/23/97
 TESTED BY: Dave Deaver
 DRIVER: Submersible motor
 COLUMN AND SHAFT: 4" drop pipe
 BOWL SIZE & MAKE:
 MANUFACTURER: Grundfos
 SERIAL NUMBER:

TIME	PIEZ. READ. (IN)	FLOW RATE (GPM)	AIRLINE READING (FEET)	WATER LEVEL (FEET)	DRAW DOWN (FEET)	DISCHARGE PRESSURE (LBS.) (FEET)		SPEC. CAPACITY (GPM/FT)	REMARKS
6	17.5	142		169.7	63.7			2.2	
7	17.5	142		169.7	63.7			2.2	
8	17.5	142		169.8	63.8			2.2	
9	17.5	142		169.8	63.8			2.2	
10	17.5	142		169.9	63.9			2.2	
11	17.5	142		170.0	64.0			2.2	
12	17.5	142		171.0	65.0			2.2	
13	17.5	142		172.0	66.0			2.2	
14	17.5	142		172.0	66.0			2.2	
15	17.5	142		172.1	66.1			2.1	
16	17.5	142		171.9	65.9			2.2	
17	17.5	142		171.7	65.7			2.2	
18	17.5	142		172.3	66.3			2.1	
19	17.5	142		172.0	66.0			2.2	
20	17.5	142		171.8	65.8			2.2	
21	17.5	142		171.6	65.6			2.2	
22	17.5	142		170.0	64.0			2.2	
23	17.5	142		170.0	64.0			2.2	
24	17.5	142		170.0	64.0			2.2	

