

Layne Christensen Company
5600 Gateway Drive, Suite B
Grimes, IA 50111
(515) 986-3462 / 3474 Fax

WELL TEST DATA REPORT



PROJECT: City of Sergeant Bluff
LOCATION: Sergeant Bluff, Iowa
WELL NO: 7
WELL DIAMETER: 14.00 inches I.D.
WELL DEPTH: 272.0 feet - from grade
TOP OF SCREEN: 192.0 feet - from grade
STATIC LEVEL: 15.8 feet - from top of casing
ORIFICE SIZE: Flow Meter

DATE TESTED: 6/2/10 - 6/3/10
TESTED BY: D. Carlisle
DRIVER: 75-HP Sub. Motor
COLUMN AND SHAFT: 100' x 6" Drop Pipe
BOWL SIZE & MAKE: 1100S250-2
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
0				15.8	SWL = 14.8' prior to dewatering startup by Griffin Dewatering.				
5 min.		1100		27.8	12.0			91.7	
10		1100		28.5	12.7			86.6	
15		1100		28.8	13.0			84.6	Sand Non-Detectable
20		1100		28.8	13.0			84.6	
25		1100		29.0	13.2			83.3	
30		1100		29.0	13.2			83.3	
35		1100		28.8	13.0			84.6	
40		1100		28.5	12.7			86.6	
45		1100		28.5	12.7			86.6	
60		1100		28.3	12.5			88.0	
75		1100		28.3	12.5			88.0	
90		1100		28.5	12.7			86.6	
105		1100		29.0	13.2			83.3	
120		1100		29.0	13.2			83.3	
180		1100		28.8	13.0			84.6	
240		1100		28.8	13.0			84.6	
300		1100		28.8	13.0			84.6	
360		1100		28.8	13.0			84.6	
420		1100		28.8	13.0			84.6	
480		1100		28.8	13.0			84.6	
540		1100		28.8	13.0			84.6	
600		1100		28.5	12.7			86.6	
660		1100		28.3	12.5			88.0	
720		1100		28.0	12.2			90.2	Sand Non-Detectable
780		1100		28.5	12.7			86.6	
840		1100		28.8	13.0			84.6	
900		1100		28.8	13.0			84.6	
960		1100		28.0	12.2			90.2	

DATE TESTED:	6/2/10 - 6/3/10
TESTED BY:	D. Carlisle
DRIVER:	75-HP Sub. Motor
COLUMN AND SHAFT:	100' x 6" Drop Pipe
BOWL SIZE & MAKE:	1100S250-2
MANUFACTURER:	Grundfos
SERIAL NUMBER:	

[illegible]