

## Division of Water Resources App. No.

Check: ☒ White Copy, ☐ Blue Copy, ☐ Pink Copy

# ***Sargent Irrigation***

WELL AND PUMP SERVICE

PO Box 268  
Holdrege, NE 68949

825 Brewster Road

Phone: (308) 995-6143  
1-800-860-2946

## **TEST HOLE LOG**

<b>CUSTOMER:</b> Craig Renner	<b>DATE:</b> 5/26/2010
<b>WELL ID:</b> 6	
<b>LOCATION:</b> NE ¼, 19-T4S-R23W, Norton Co., KS	
<b>LATITUDE:</b> 39.7097500	
<b>LONGITUDE:</b> -99.9485270	
<b>FOOTAGES:</b> 732' S of North line & 629' W of East line	
<b>DRILLED BY:</b> Kent Matousek	

**SWL:** 100'

**PWL:** 154'

**GPM:** 70

<u>from feet</u>	<u>- to feet</u>	
0	3	Top soil
3	13	Medium sand to fine gravel
13	20	Cemented sand
20	42	Cemented sand with sandy clay layers
42	88	Sandy clay
88	100	Medium to coarse sand and fine gravel with sandy clay layers
100	112	Medium to coarse sand and fine gravel
112	120	Sand clay
120	140	Sandy clay with traces of cemented sand
140	160	Medium to coarse sand and fine gravel with layers of sandy clay
160	180	Sandy clay with medium to coarse sand layers
180	200	Medium sand to coarse sand and fine gravel- Lost circulation
200	260	Medium to coarse sand and fine gravel and layers of sandy clay
260	280	Sandy clay and traces of coarse sand

### **Well Information:**

**Well depth:** 260'  
**Plain casing:** 200'  
**Perf. Set:** 200'

**Bore hole:** 15"  
**Perf. casing:** 60'  
**Gravel:** 20-260'

**Casing size:** 8"  
**Slot size:** .50"  
**Grout:** 0-20'

Test pump/ overpump- 3 hrs