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Sargent Irrigation

WELL AND PUMP SERVICE

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Holdrege, NE 68949

825 Brewster Road

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

TEST HOLE LOG

CUSTOMER: Brant and Sharen Hempler	DATE: 5/6/10
WELL ID: 1	
LOCATION: NW ¼, 10-T1S-R21W, Norton Co., KS	
LATITUDE: 39.9865000	
LONGITUDE: -99.6806110	
FOOTAGES: 5020' N of South line & 4853' W of East line.	
DRILLED BY: Kent Matousek	

SWL: 87'
PWL: 116'
GPM: 20

<u>from feet</u>	<u>- to feet</u>	
0	20	Top soil and sandy clay
20	52	Clay
52	71	Clay with layers of medium sand to fine gravel
71	80	Clay with layers of fine sand and limestone
80	112	Sandy clay
112	120	Yellow clay with layers of lime and fine sand
120	130	Sandy clay and lime and sandstone
130	144	Yellow clay
144	160	Medium sand to fine gravel with clay layers
160	163	Medium sand with clay layers
163	167	Sandy clay and ochre
167	180	Shale

Well Information:

Well depth: 166'
Plain casing: 136'
Perf. Set: 136'

Bore hole: 10"
Perf. casing: 30'
Gravel: 20'-166'

Casing size: 5"
Slot size: .016"
Grout: 0-20'