

Division of Water Resources; App. No.

KSA 82a-1212

Sargent Drilling
INDUSTRIAL ENGINEERING
COMPLETE MUNICIPAL AND INDUSTRIAL
WELL AND PUMP SERVICE

PO Box 367
Geneva, NE 68361-0367

846 South 13th St.

Phone: (402) 759-3902
1-888-496-3902

TEST HOLE LOG

CUSTOMER: Nemaha County RWD #3	
WELL ID: Test Well 09-1	
LOCATION:	
LATITUDE: 39° 43' 31.2"	
LONGITUDE: 095° 55' 54.9"	
FOOTAGES:	
DATE: 1-19-09 CL	DRILLED BY: CL

SWL:

PWL:

<u>from feet</u>	<u>- to feet</u>	
0	1	Topsoil
1	20	Tan clay and fine and medium sand layers
20	40	Yellow sandy clay and fine sand layers and cobbles
40	60	Fine sand and cobbles
60	80	Fine sand and limestone layers
80	90	Fine sand
90	100	Sandy yellow clay and limestone layers
100	120	Yellow and gray clay and limestone layers
120	140	Yellow clay and limestone layers
140	180	Yellow and blue sandy clay and limestone layers
180	200	Yellow and blue sandy clay
200	220	Fine and medium blue sand
220	240	Fine and medium gray sand
240	260	Fine sand and gray clay strips
260	280	Fine and medium sand
280	300	Fine, medium and coarse sand
300	340	Fine, medium and coarse sand and fine gravel
340	355	Tan clay
355	360	Fine, medium and coarse sand and fine gravel
360	380	Gray shale

RECEIVED

FEB 20 2009

BUREAU OF WATER

Well Depth: 370'
Bore Hole Dia: 10"

Plain casing: 5" PVC from 0' to 290', 300' to 310' and 340' to 355'
Perf. casing: 5" PVC from 290' to 300', 310' to 340' and 355' to 370' slot size: .020"

Gravel pack from 23' to 184' and from 203' to 370'
Bentonite from 0' to 23' and from 184' to 203'

dh