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KSA 82a-1212

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

PO Box 367  
Geneva, NE 68361-0367

846 South 13<sup>th</sup> St.

Phone: (402) 759-3902  
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**TEST HOLE LOG**

CUSTOMER: Nemaha Co. RWD #3	
WELL ID: 07-4	
LOCATION:	
LATITUDE: 39° 42' 54.5"	
LONGITUDE: 095° 55' 15.3"	
FOOTAGES:	
DATE: 6-6-07	DRILLED BY: CL

SWL: 200' 6"  
PWL:

<u>from feet</u>	<u>- to feet</u>	
0	60	Brown clay
60	158	Gray clay
158	160	Clay with fine gravel
160	172	Medium to coarse sand with clay layers
172	180	Gray silty clay with cobbles
180	187	Medium sand with clay and cobbles
187	190	Gray clay
190	200	Medium to coarse sand with clay layers
200	239	Silty clay with medium sand and limestone streaks and cobbles
239	242	Medium sand
242	250	Silty clay and fine sand
250	260	Medium sand with clay layers
260	275	Medium sand
275	280	Coarse sand with fine gravel and limestone chips
280	286	Coarse sand and fine gravel
286	291	Medium sand
291	333	Silty clay
333	340	Medium sand and fine gravel with clay layers
340	349	Medium sand and fine gravel with limestone layers and clay
349	354	White clay with limestone streaks
354	360	Shale
360	380	Shale with limestone streaks

Well Depth: 350'  
Bore Hole Dia: 6"

Plain casing: 300' of 2"  
Perf. casing: 50' of 2"

slot size: .020"

Gravel pack from 40' to 140' and from 160' to 350'  
Bentonite from 0' to 40' and from 140' to 160'

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