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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: 07-3	
LOCATION:	
LATITUDE: 39° 43' 5.7"	
LONGITUDE: 095° 55' 15.3"	
FOOTAGES:	
DATE: 6-5-07	DRILLED BY: CL

SWL: 187' 6"  
PWL:

<u>from feet</u>	<u>- to feet</u>	
0	1	Topsoil
1	40	Brown clay with lime streaks
40	45	Brown clay
45	152	Gray clay
152	155	Clay and fine sand
155	160	Clay
160	163	Coarse sand and silty clay
163	180	Clay
180	182	Gray clay
182	190	Fine sand
190	192	Gray clay
192	194	Fine sand
194	200	Gray clay
200	224	Gray clay with fine sand layers
224	228	Silty fine to medium sand
228	240	Medium to coarse sand with trace clay layers
240	256	Medium to coarse sand with trace clay streaks
256	263	Coarse sand and trashy fine gravel
263	292	Gray silty clay and fine sand
292	300	Fine to medium sand with clay layers
300	305	Silty clay and fine sand
305	332	Silty sand and clay layers
332	334	Limestone

Well Depth: 280'  
Bore Hole Dia: 6"

Plain casing: 230' of 2"  
Perf. casing: 50' of 2" slot size: .020"

Gravel pack from 40' to 141' and from 160' to 280'  
Bentonite from 0' to 40' and from 141' to 160'

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