

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

PO Box 367
 846 South 13th St.
 Geneva, NE 68361-0367

Phone: (402) 759-3902
 Toll Free: (888) 496-3902
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Driller's Log

Customer: Southern Sioux Co. RWS		Legal: #E1-2	
Date Construction Started: 3/31/2009		GPS Reading: 42° 54' 09.6"	
Well Depth: 180'		Bore Hole: 24"	
Type of Plain Casing: .375" wall Steel		Casing Dia.: 12"	
From: 0'	To: 145'		
Type of Perf. Casing: Stainless V-Wire		Casing Dia.: 12"	
Slot size: .020"	From: 145'	To: 180'	
Sump From:		Type of Bottom: Stainless steel	
Gravel From: Northern		Grade Size: "0"	
Yards of Gravel: 3 Super Sacks		Bags of Chunks: 1 Super Sack	
Bags of Powder: 60		Yards of Concrete: 10 Concrete Grout	
Stabilizers: 4	Well Development Time:		
Test Pump Results:		SWL:	
GPM from			
GPM from			
GPM from			
GPM from			

Ground Level



0' - 6' Native soil

6' - 110' Concrete grout

110' - 130' Bentonite

130' - 180' Chlorinated gravel pack

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846 South 13th St.

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 1-888-496-3902

TEST HOLE LOG

CUSTOMER: Southern Sioux Co. RWS	
WELL ID: #EI-2	
LOCATION:	
LATITUDE: 42° 54' 09.1"	
LONGITUDE: 096° 10' 27.3"	
FOOTAGES:	
DATE: 3-4-09	DRILLED BY: CL

SWL: 101' 6"
 PWL:

<u>from feet</u>	<u>to feet</u>	
0	5	Topsoil
5	20	Fine, medium and coarse sand and fine, medium and coarse gravel and cobbles
20	36	Fine, medium and coarse sand
36	40	clay and cobbles
40	60	Fine, medium and coarse sand and fine, medium and coarse gravel and cobbles
60	80	Clay and cobbles
80	100	Clay with sand layers and cobbles
100	120	Blue clay with sand layers and cobbles
120	130	Blue clay
130	140	Fine sand
140	177	Fine, medium and coarse sand and fine gravel
177	180	Shale

Well Depth: 170'
 Bore Hole Dia: 6"

Plain casing: 150' of 2"
 Perf. casing: 20' of 2"

slot size: .020"

Gravel pack from 150' to 170'
 Bentonite from 0' to 150'

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