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Sargent Irrigation

WELL AND PUMP SERVICE

PO Box 268
Holdrege, NE 68949

825 Brewster Road

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

TEST HOLE LOG

CUSTOMER: Marx, Bob	
WELL ID:	
LOCATION: SE ¼, 27-T5S-R23W, Norton Co., KS	
LATITUDE: 39.581917	
LONGITUDE: -99.894333	
FOOTAGES:	
DATE: 9/30/09	DRILLED BY: Kyle Schoff

SWL: 35'
PWL: 114'
GPM: 21

<u>from feet</u>	<u>- to feet</u>	
0	1	Top soil
1	9	Sandy clay and lime with limestone strips
9	26	Coarse sand and fine gravel with thin limestone and sandy clay strips
26	40	Sandy clay with fine to medium sand and traces of fine gravel
40	60	Sandy clay with lime and fine to medium sand layers
60	73	Fine to medium sand with thin sandy clay and limestone streaks
73	77	Cemented sand and limestone
77	80	Fine to medium sand with thin limestone streaks
80	100	Fine to med sand & sandy clay with lime layers & traces of cemented sand
100	120	Fine to med sand & sandy clay and cemented sand and limestone layers
120	128	Fine to coarse sand with sandy clay streaks
128	140	Fine to medium sand & coarse sand to fine gravel with sandy clay streaks
140	146	Fine to medium sand and coarse sand to fine gravel
146	150	Sandy clay with traces of orange ochre
150	153	Gray shale

Well Information:

Well depth: 146'
Plain casing: 129'
Perf. Set: 129'

Bore hole: 10"
Perf. casing: 17'
Gravel: 20-140' (Armor Coat)

Casing size: 5"
Slot size: .025"
Grout: 0-20' ¾" chunk