WATER WELL RECORD	Form WWC-5	Division of Water Resources; App. No.			
1 LOCATION OF WATER WELL:	Fraction  1/4 NE 1/4 SE 1/4	Section Number Township Number Range Number			
County: Nemaha	11 T 4 S R 13 E/W				
Distance and direction from nearest town or ci located within city?	Global Positioning Systems (decimal degrees, min. of 4 digits)				
4 1/2 miles east and 1 3/4 mile	Latitude: 39° 42' 54.5"				
2 WATER WELL OWNER: Nemaha Co.	Longitude: 095° 55' 15.3" Elevation: N/A				
RR#, St. Address, Box # : 905 US Hwy	Datum: N/A				
City, State, ZIP Code : Seneca, KS	66538	Data Collection Method: Hand held			
3 LOCATE WELL'S 4 DEPTH OF COMI	PLETED WELL350.				
LOCATION					
WITH AN "X" IN Depth(s) Groundwater	Encountered (1)158	ft. (2)ft. (3)ft.			
		ft. below land surface measured on mo/day/yr06/06/2007			
		ft. after			
WELL WATER TO R		ft. after hours pumping gpm er supply 8 Air conditioning 11 Injection well			
WELL WATER TO B		supply 9 <u>Dewatering</u> 12 Other (Specify below)			
W           E		a & garden) Monitoring well			
SW -   - SF -					
		o Department? Yes NoX; If yes, mo/day/yrs			
	W	ater well disinfected? Yes No			
S					
5 TYPE OF CASING USED: 5 Wrought		1			
1 Steel 3 RMP (SR) 6 Asbestos- 2 PVC 4 ABS 7 Fiberglass		fy below) Welded			
		in. to ft., Diameter in. to ft.			
		lbs./ft. Wall thickness or guage No154			
TYPE OF SCREEN OR PERFORATION MATE					
1 Steel 3 Stainless Steel 5 Fiber		ABS 11 Other (Specify)			
2 Brass 4 Galvanized Steal 6 Conc		O Asbestos-Cement 12 None used (open hole)			
SCREEN OR PERFORATION OPENINGS ARE		ot O Deilled heles 11 News (even hele)			
1 Continuous slot Mill slot 5 Gauzed wrapped 7 Torch cut 9 Drilled holes 11 None (open hole) 2 Louvered shutter 4 Key punched 6 Wire wrapped 8 Saw cut 10 Other (specify)					
SCREEN-PERFORATED INTERVALS: From					
From					
		ft., From160 ft. to350 ft.			
From.	ft. to	ft., From ft. to ft.			
6 GROUT MATERIAL: 1 Neat cement 2	Cement grout 3 Bentonite	4 Other			
Grout Intervals: From 0 ft. to	40 ft. From 140	. ft. to . 160			
What is the nearest source of possible contaminat		,			
1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 13 Insecticide storage 16 Other (specify					
2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 14 Abandoned water well below)					
3 Watertight sewer lines 6 Seepage pit	9 Feedyard 12 Fert	lizer storage 15 Oil well/gas well any feet? .5500'			
Direction from well? WNW FROM TO LITHOLOGIC					
Test Hole Log Attach		W 10 TEOGRAM INTERVALS			
Test note dog needel	icu				
7 CONTRACTORS OR LANDOWNERS CERTIFICATION. This was well as (1) and (2) and (3) and (3					
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year)06/06/2007 and this record is true to the best of my knowledge and belief.					
Kansas Water Well Contractor's License No755 This Water Well Record was completed on (moday/year) 93/.11/.2008					
under the business name of Sargent Drilling by (signature)					
INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blame, underline in circle the correct answers. Send top					
three copies to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well. Visit us at					
http://www.kdheks.gov/waterwell/index.html.					

## Sargent Drilling INDUSTRIAL ENGINEERING

## 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 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:

from feet	- to feet	
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	<b>34</b> 9	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'

dh