WATER WELL REC	CORD	Form WWC	-5	Division	of Water	r Resources; App. No.		
1 LOCATION OF WATER WELL:		Fraction		Section Nu	ımber	Township Number		
County: Nemaha		1/4 NE 1/4	SE 1/4	11		T 4 S	R 13 (E)W	
Distance and direction from nearest town or city street address of well if Global Positioning Systems (decimal degrees, min. of						ees, min. of 4 digits)		
located within city?				Latitude: 39° 43' 5.7"				
4 1/2 miles east of Kelly, KS and 1 3/4 mile south.				Longitude: 095° 55' 15.3"				
2 WATER WELL OWNER: Nemaha Co. RWD #3				Elevation: N/A				
RR#, St. Address, Box	Datum: N/A							
City, State, ZIP Code	66538	Data Collection Method:Hand held						
3 LOCATE WELL'S	4 DEPTH OF COMP	PLETED WELL	280			vicinou.nuna nera		
LOCATION	· DEI III OI COMI	ERIED WEEL						
WITH AN "X" IN	Depth(s) Groundwater	Encountered (1)	160	ft (	2) 18	32 ft (3)	fi	
SECTION BOX:	Depth(s) Groundwater Encountered (1)160 ft. (2)182 ft. (3)							
N	Pump test data: Well water wasft. afterhours pumping							
	Est. Yieldgpm							
	WELL WATER TO BI							
W NW NE E	1 Domestic 3 Feed	dlot 6 Oil field	l water su	pply	9 Dew		ner (Specify below)	
" <del>                                   </del>	2 Irrigation 4 Indu	ustrial 7 Domest						
	C		`			<u> </u>		
SW SE	Was a chemical/bacteri	ological sample subi	nitted to I	Department'	? Yes	No .X;	If yes, mo/day/yrs	
	Sample was submitted.							
S	1							
5 TYPE OF CASING U	SED: 5 Wrought I	ron 8 Con	roto tilo		CASING	G JOINTS: GluedX	Clammad	
1 Steel 3 RMI	0		r (specify		CASING		Clamped	
2 PVC 4 ABS	` /					Threaded.		
Blank casing diameter		ft Diameter				Diameter	n to A	
Casing height above land		in Weight	95 1	ha/ft V	11., Vall thia	knoss or guago No	154	
TYPE OF SCREEN OR I			· · · · · · · · · · · · · · · · · · ·	US./11. V	van unc	kiless of guage ivo	. *. *	
•	nless Steel 5 Fiber		) O A	BS		11 Other (Specify) .		
t	vanized Steal 6 Conci			Asbestos-Ce		12 None used (open		
SCREEN OR PERFORA			.) 10 F	13003103-00	CHICH	12 None used (open	noic)	
1 Continuous slot		auzed wrapped 77	Corch cut	9 Drille	d holes	11 None (open ho	ale)	
	4 Key punched 6 W							
SCREEN-PERFORATED	INTERVALS: From	230 ft to	280	fi F	(specify	ft to	ft	
	From	ft to		fi F	From	ft. to	ft	
GRAVEL PACK	INTERVALS: From	40 ft to	141	ft I	From	160 ft to	280 ft	
						ft. to		
6 GROUT MATERIAL	: 1 Neat cement 2 (	Cement grout 3 Be	ntonite	4 Other				
Grout Intervals: From	m0 ft. to	.40 ft., From	141	ft. to1.6	.0 ft	., From	ft. toft.	
What is the nearest source	of possible contaminati	on:						
1 Septic tank	4 Lateral lines	7 Pit privy	10 Livesto	ck pens	13 Inse	ecticide storage 1	6 Other (specify	
2 Sewer lines	5 Cess pool		11 Fuel ste		14 Ab	andoned water well	below)	
3 Watertight sewer	lines 6 Seepage pit	9 Feedyard		er storage	15 Oil	well/gas well		
Direction from well?	West	l	How many	feet?	5300'			
FROM TO	LITHOLOGIC	LOG	FROM	TO		PLUGGING INTE	RVALS	
Test	Hole Log Attach	ed						
	·							
				1				
7 CONTRACTORS OF	L ANDOWNED'S CE	DTIFICATION: T	hia wata-	wall was (1	) aamst-	10tod (2) management -+-	d or (2) rlugged	
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/.05/.07 and this record is true to the best of pay knowledge and belief.								
Kansas Water Well Contractor's License No7.5.5 This Water Well Record was completed on (no/to-frair) .03/11/2008								
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 blanks, underline or cycle 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 t	O WATER WELL OWN							
http://www.kdheks.gov/waterwe	ll/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: 07-3		
LOCATION:		
LATITUDE: 39° 43' 5.7"		
LONGITUDE: 095° 55' 15.3"		
FOOTAGES:		
DATE: 6-5-07	DRILLED BY: CL	

SWL: 187' 6"

PWL:

from feet 0 1 40 45 152 155 160 163 180 182 190 192 194 200	- to feet 1 40 45 152 155 160 163 180 182 190 192 194 200 224	Topsoil Brown clay with lime streaks Brown clay Gray clay Clay and fine sand Clay Coarse sand and silty clay Clay Gray clay Fine sand Gray clay Fine sand Gray clay Fine sand Gray clay Silty fine to medium sand
160	163	Coarse sand and silty clay
163	180	Clay
180	182	Gray clay
182	190	Fine sand
190	192	• •
192	194	Fine sand
	200	Gray clay
224	<b>2</b> 28	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"

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'

dh