WATER WELL REC	CORD	Form W	NC-5	Division	n of Water	Resources App. N	0.	
1 LOCATION OF WA	TER WELL:	Fraction		Section N		Township No.	Range Number	
County: Norton		NE ¼ NW ¼ NW	1/4 NW 1/4	10		T 1 S	R 21 □E 🗹 W	
Street/Rural Address of Well Location; if unknown, distance & direction				Global Positioning System (GPS) information:				
from nearest town or intersection: If at owner's address, check here .					Latitude: .39.9865000 (in decimal degrees)			
					Longitude: -99.6806110 (in decimal degrees)			
1/4 mile SE of the intersection of Road B and E 11					Elevation:			
					Datum: ☐ WGS 84, ☐ NAD 83, ☐ NAD 27			
2 WATER WELL OWNER: Sharen Hempler					Collection Method:			
RR#, Street Address, Box #: 73751 Road 702					GPS unit (Make/Model: Handheld)			
City, State, ZIP Code					☐ Digital Map/Photo, ☐ Topographic Map, ☐ Land Survey			
	u, INE 00977	Est. Accuracy: □ <3 m, □ 3-5 m, □ 5-15 m, □ >15 m						
3 LOCATE WELL							, —	
WITH AN "X" IN	4 DEPTH OF	COMPLETED WELL	, 166		ft.			
SECTION BOX:								
N	Depth(s) Groundwater Encountered (1)						av/vr	
	Pumn	test data: Well water	was 116	ft afte	er 1	hours num	ning 20 gpm	
XIII								
NW NE					ft. after hours pumping gpm			
W E			in. toft., andin. toft. D AS: Public water supply Geothermal Injection well					
SW SE		☐ Feedlot ☐ C						
	☐ Irrigation	☐ Industrial ☐ I	Jomestic-lav	vn & garden		nitoring well	•••••	
		bacteriological sample				res 📙 No		
S		day/yr sample was sub						
mile	Water well disin	fected? Tyes 1	No					
5 TYPE OF CASING U	SED:	PVC D	ther					
CASING JOINTS:								
Casing diameter .5					A Di	ameter	in to ft	
Casing height above lar	nd surface 18	in Weight		lbe/ft	Wall thic	kness or gauge N	SDR 21	
TYPE OF SCREEN OR	DEDECT ATION	MATEDIAI.	••••••	105./11.,	wan unc	kiless of gauge 14	0ee:x=/	
Steel Stai				Other (Speci	(f ₄)			
	vanized Steel	None used (open ho	de)	Offici (Speci	ııy <i>)</i>			
SCREEN OR PERFORA			nc)					
Continuous slot			l Torch cut	☐ Drilled b	holes	None (open hole	e)	
Louvered shutter	Key punched	☐ Wire wrapped ☐	Saw cut	Other (st	pecify)			
SCREEN-PERFORATE	DINTERVALS:	From 136 fr	to166	fl	From	ft. 1	to ft.	
		From fi						
GRAVEL PACK	INTERVALS	From 20 f	to 166	ft.	From	ft	to ft	
GRAVEL PACK INTERVALS: From 20								
6 GROUT MATERIAL: ☐ Neat cement ☐ Cement grout ☑ Bentonite ☐ Other								
Grout Intervals: From	f to	20 ft., From	E Demoi	ft to	ης: Α	From	ft to ft	
1					,	110m	. 11. 10	
What is the nearest source of possible contamination: ✓ Septic tank ☐ Lateral lines ☐ Pit privy ☐ Livestock pens ☐ Insecticide storage ☐ Other (specify below)								
Sewer lines	Cesspool		Fuel storage			water well	ci (specify below)	
Watertight sewer li			Fertilizer st		oil well/gas			
Direction from well .E.				from well				
FROM TO	LITHOLOG		FROM			 	GGING INTERVALS	
	ached Log						3	
JOGO AU								
				- 				
					· · · · ·			
			x					
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was ✓ constructed, ☐ reconstructed, or ☐ plugged								
under my jurisdiction and was completed on (mo/day/year) .5/6/10								
Kansas Water Well Contractor's License No. 433 This Water Well Record was completed on (mo/day/year) 5/13/2010								
under the business name of Sargent Irrigation-Holdrege by (signature).								
INSTRUCTIONS: Use typewriter or ball point pen. <u>PLEASE PRESS FIRMLY</u> and <u>PRINT</u> clearly. Please fill in blanks and check the correct answers. Send three copies								
(white, blue, pink) 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 copy to WATER WELL OWNER and retain one for your records. Include fee of \$5.00 for each constructed well. Visit us at								
http://www.kdheks.gov/waterwe	u one copy to wA1.	ER WELL OWNER and I	nam one for y	out records. 1	merude <u>ree</u>	or \$5.00 for each c	onsulucion wen. Visit us at	
KSA 82a-1212				Check:	: 📝 Wh	ite Copy, 🔲 Blu	ue Copy, Pink Copy	
						- 1 J 7 Harrier		

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: Brant and Sharen Hempler	DATE : 5/6/10
WELL ID:1	
LOCATION: NW 1/4, 10-T1S-R21W, Norton Co., KS	
LATITUDE: 39.9865000	
LONGITUDE: -99.6806110	
FOOTAGES: 5020' N of South line & 4853' W of East line.	
DRILLED BY: Kent Matousek	

SWL: 87' **PWL:** 116' **GPM:** 20

from feet	- to fe	<u>et</u>
0	20	Top soil and sandy clay
20	52	Clay
52	71	Clay with layers of medium sand to fine gravel
71	80	Clay with layers of fine sand and limestone
80	112	Sandy clay
112	120	Yellow clay with layers of lime and fine sand
120	130	Sandy clay and lime and sandstone
130	144	Yellow clay
144	160	Medium sand to fine gravel with clay layers
160	163	Medium sand with clay layers
163	167	Sandy clay and ochre
167	180	Shale

Well Information:

Well depth: 166' Plain casing: 136' Perf. Set: 136' Bore hole: 10" Perf. casing:30' Gravel: 20'-166' Casing size: 5" Slot size: .016" Grout: 0-20'