

CORRECTION(S) TO WATER WELL RECORD (WWC-5)  
(to rectify lacking or incorrect information)

County: Norton

Location listed as:

Section-Township-Range: 33-15-24 W

Fraction ( 1/4 1/4 1/4): SE NW NE

Location changed to:

33-15-24 W

NE SW NE NE

Other changes: Initial statements: Latitude: 30° 55' 38"

Changed to: 39° 55' 38"

Comments: \_\_\_\_\_

verification method: Written & legal descriptions, lat./long. on Test Hole log (second page), KGS' "LEO" conversion tool, and mapping tool on KGS website. initials: DRJ date: 5/28/2009

submitted by: Kansas Geological Survey, Data Resources Library, 1930 Constant Ave., Lawrence, KS 66047-3726  
to: Kansas Dept of Health & Environment, Bureau of Water, 1000 SW Jackson, Suite 420, Topeka, KS 66612-1367.

**WATER WELL RECORD**

**Form WWC-5**

Division of Water Resources; App. No.

<b>1 LOCATION OF WATER WELL:</b> County: <b>Norton</b>	Fraction <b>SE 1/4 NW 1/4 NE 1/4</b>	Section Number <b>33</b>	Township Number <b>T 1 S</b>	Range Number <b>R 24 E(W)</b>
Distance and direction from nearest town or city street address of well if located within city? <b>8 miles east and 5 miles N of Norton, KS</b>		<b>Global Positioning Systems</b> (decimal degrees, min. of 4 digits) Latitude: <b>30° 55' 38"</b> Longitude: <b>-100° 01' 21"</b> Elevation: _____ Datum: _____ Data Collection Method: <b>Hand held</b>		
<b>2 WATER WELL OWNER:</b> RR#, St. Address, Box # : <b>Dale Retke RR 2 Box 54 2819 Road W8</b> City, State, ZIP Code : <b>Norton, KS 67654</b>				

<b>3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:</b> N W E S	<b>4 DEPTH OF COMPLETED WELL</b> <b>38</b> ft. Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft. WELL'S STATIC WATER LEVEL..... <b>46</b> ... ft. below land surface measured on mo/day/yr..... Pump test data: Well water was.....ft. after..... hours pumping..... gpm Est. Yield..... <b>15</b> ..gpm: Well water was..... <b>54</b> ...ft. after..... <b>1</b> ... hours pumping..... <b>15</b> ..... gpm WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well 1 Domestic (3 Feedlot) 6 Oil field water supply 9 Dewatering 12 Other (Specify below) 2 Irrigation 4 Industrial 7 Domestic (lawn & garden) 10 Monitoring well Was a chemical/bacteriological sample submitted to Department? Yes ..... No <b>X</b> ...; If yes, mo/day/yr Sample was submitted..... Water well disinfected? Yes ..... No .....
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**5 TYPE OF CASING USED:**

5 Wrought Iron	8 Concrete tile	CASING JOINTS: Glued... <b>X</b> ... Clamped.....
1 Steel	3 RMP (SR)	6 Asbestos-Cement
2 PVC	4 ABS	7 Fiberglass
		9 Other (specify below) Welded.....
		Threaded.....

Blank casing diameter ..... **5**..... in. to **38**..... ft., Diameter..... in. to ..... ft., Diameter..... in. to ..... ft.  
Casing height above land surface..... **36**..... in., Weight..... lbs./ft. Wall thickness or guage No. .... **25**.....

**TYPE OF SCREEN OR PERFORATION MATERIAL:**

1 Steel	3 Stainless Steel	5 Fiberglass (7 PVQ)	9 ABS	11 Other (Specify) .....
2 Brass	4 Galvanized Steel	6 Concrete tile	8 RM (SR)	10 Asbestos-Cement
12 None used (open hole)				

**SCREEN OR PERFORATION OPENINGS ARE:**

(1 Continuous slot)	3 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..... **38**..... ft. to ..... **58**..... ft., From..... ft. to ..... ft.  
From..... ft. to ..... ft., From..... ft. to ..... ft.

**GRAVEL PACK INTERVALS:** From..... **20**..... ft. to ..... **58**..... ft., From..... ft. to ..... 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 ..... **20**..... ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.

What is the nearest source of possible contamination:

(1 Septic tank)	4 Lateral lines	7 Pit privy	10 Livestock pens	13 Insecticide Storage	16 Other (specify below)
2 Sewer lines	5 Cess pool	8 Sewage lagoon	11 Fuel storage	14 Abandoned water well	
3 Watertight sewer lines	6 Seepage pit	9 Feedyard	12 Fertilizer Storage	15 Oil well/gas well	

Direction from well? **west**..... How many feet? **1 mile**.....

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
		<b>attached log</b>			

**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) ... **3/3/2009**... and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. ... **433**..... This Water Well Record was completed on (mo/day/year) ... **3-24-2009**..... under the business name of **Sargent Irrigation** by (signature) *[Signature]*

**INSTRUCTIONS:** Use typewriter or ball point pen. *PLEASE PRESS FIRMLY* and *PRINT* clearly. Please fill in blanks, underline or 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.kdhe.state.ks.us/geo/waterwells>.

# 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: Dale Retke	
WELL ID: 01-09	
LOCATION: NE ¼, 33-T1S-R24N, Norton Co., KS	
LATITUDE: 39° 55' 38"	
LONGITUDE: -100° 01' 21"	
FOOTAGES:	
DATE: 3/3/09	DRILLED BY: Kent Matousek

SWL: 46'  
PWL: 54'  
GPM: 15

from feet - to feet

0	10	Native soil
10	15	Cemented sand
15	20	Sandy Clay
20	25	Cemented sand
25	28	Medium Sand
28	30	Limestone
30	43	Cemented Sand
43	60	Medium to course sand with thin limestone layers
60	75	Sandstone and cemented sand
75	80	Limestone

### Well Information:

Well depth: 58'  
Plain casing: 38'  
Perf. Set: 50'

Bore hole: 10"  
Perf. casing: 20'  
Gravel: 20-60'

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