

**WATER WELL RECORD**

**Form WWC-5**

Division of Water Resources App. No.  

<b>1 LOCATION OF WATER WELL:</b> County: <b>Graham</b>	Fraction $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$	Section Number <b>32</b>	Township No. T <b>6</b> S	Range Number R <b>23</b> <input type="checkbox"/> E <input checked="" type="checkbox"/> W
---	--	-----------------------------	------------------------------	--

Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here   
**8 mi North and 4 mi West of Hill City, KS**

**Global Positioning System (GPS) information:**  
 Latitude: **39.919444** (in decimal degrees)  
 Longitude: **99.494028** (in decimal degrees)  
 Elevation: \_\_\_\_\_  
 Datum:  WGS 84,  NAD 83,  NAD 27  
 Collection Method:  
 GPS unit (Make/Model: **Handheld**)  
 Digital Map/Photo,  Topographic Map,  Land Survey  
 Est. Accuracy:  <3 m,  3-5 m,  5-15 m,  >15 m

**2 WATER WELL OWNER:** **Alan Trexler**  
 RR#, Street Address, Box #: **2753 Q Terr**  
 City, State, ZIP Code : **Hill City, KS 67642**

<p><b>3 LOCATE WELL WITH AN "X" IN SECTION BOX:</b> N</p> <div style="text-align: center;"> <table border="1" style="width: 100px; height: 100px; border-collapse: collapse;"> <tr> <td style="width: 50px; height: 50px; text-align: center;">NW</td> <td style="width: 50px; height: 50px; text-align: center;">NE</td> </tr> <tr> <td style="width: 50px; height: 50px; text-align: center;">SW</td> <td style="width: 50px; height: 50px; text-align: center;">SE</td> </tr> </table> <p style="text-align: center;">S -----1 mile-----</p> </div>	NW	NE	SW	SE	<p><b>4 DEPTH OF COMPLETED WELL</b> <b>243</b> ft.</p> <p>Depth(s) Groundwater Encountered (1) _____ ft. (2) _____ ft. (3) _____ ft.              WELL'S STATIC WATER LEVEL <b>152</b> ft. below land surface measured on mo/day/yr _____              Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm              EST. YIELD <b>19</b> gpm. Well water was <b>160</b> ft. after <b>1</b> hours pumping <b>19</b> gpm              Bore Hole Diameter _____ in. to _____ ft., and _____ in. to _____ ft.              WELL WATER TO BE USED AS: <input type="checkbox"/> Public water supply <input type="checkbox"/> Geothermal <input type="checkbox"/> Injection well  <input type="checkbox"/> Domestic <input checked="" type="checkbox"/> Feedlot <input type="checkbox"/> Oil field water supply <input type="checkbox"/> Dewatering <input type="checkbox"/> Other (Specify below)  <input type="checkbox"/> Irrigation <input type="checkbox"/> Industrial <input type="checkbox"/> Domestic-lawn &amp; garden <input type="checkbox"/> Monitoring well              Was a chemical/bacteriological sample submitted to Department? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No              If yes, mo/day/yr sample was submitted _____              Water well disinfected? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
NW	NE				
SW	SE				

**5 TYPE OF CASING USED:**  Steel  PVC  Other \_\_\_\_\_

CASING JOINTS:  Glued  Clamped  Welded  Threaded  
 Casing diameter **5** in. to **185** ft., Diameter \_\_\_\_\_ in. to \_\_\_\_\_ ft.  
 Casing height above land surface **18** in., Weight \_\_\_\_\_ lbs./ft., Wall thickness or gauge No. **25**

TYPE OF SCREEN OR PERFORATION MATERIAL:  
 Steel  Stainless Steel  PVC  Other (Specify) \_\_\_\_\_  
 Brass  Galvanized Steel  None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:  
 Continuous slot  Mill slot  Gauze wrapped  Torch cut  Drilled holes  None (open hole)  
 Louvered shutter  Key punched  Wire wrapped  Saw cut  Other (specify) \_\_\_\_\_

SCREEN-PERFORATED INTERVALS: From **185** ft. to **243** ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 GRAVEL PACK INTERVALS: From **20** ft. to **243** ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

**6 GROUT MATERIAL:**  Neat cement  Cement grout  Bentonite  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:  
 Septic tank  Lateral lines  Pit privy  Livestock pens  Insecticide storage  Other (specify below)  
 Sewer lines  Cesspool  Sewage lagoon  Fuel storage  Abandoned water well  
 Watertight sewer lines  Seepage pit  Feedyard  Fertilizer storage  Oil well/gas well \_\_\_\_\_

Direction from well \_\_\_\_\_ Distance from well \_\_\_\_\_

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
		See Attached Log			

**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) **09/30/09** 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) **10/08/09** under the business name of **Sargent Irrigation** by (signature) *Ken Allen*

**INSTRUCTIONS:** Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT 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/waterwell/index.html>.

# 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: Trexler, Alan	
LOCATION: NW ¼, 32-T6S-R23W, Graham Co., KS	
LATITUDE: 39.494028	
LONGITUDE: -99.919444	
DATE: 9/30/09	DRILLED BY: Kyle Schoff

SWL: 152'

PWL: 160'

GPM: 19

from feet	-	to feet	
0		10	Top soil and clay
10		17	Limestone
17		20	clay with thin limestone streaks
20		23	Sandy clay and lime with fine to medium sand
23		35	Fine to medium sand & coarse sand to fine gravel w/ thin limestone strips
35		40	Fine to medium sand with sandy clay and lime strips
40		55	Fine to coarse sand with thin sandy clay and limestone streaks
55		60	Sandy clay and lime with fine to coarse sandy strips
60		72	Fine to medium sand and sandy clay
72		80	Fine to medium sand and sandy clay with limestone layers
80		93	Sandy clay and fine sand
93		100	Sandy clay and lime with fine and medium sand and limestone layers
100		111	Fine to coarse sand with lime and sandy clay with lime layers
111		117	Cemented sand (hard)
117		120	Sandy clay and lime with fine to medium sand
120		132	Fine to medium sand and sandy clay with lime layers
132		140	Fine to medium sand and coarse and to fine gravel with sandy clay and lime strips with traces of cemented sand
140		148	Fine to med sand & coarse sand to fine gravel w/ thin sandy clay streaks
148		160	Sandy clay with traces of limestone
160		163	Fine to medium san and coarse sand to fine gravel
163		168	Fine to medium sand and sandy clay
168		180	Fine to med sand & coarse sand to fine gravel w/ thin sandy clay streaks
180		198	Fine to medium sand and coarse sand to fine gravel
198		200	Sandy clay
200		220	Fine to medium sand and coarse sand to fine gravel
220		225	Fine to medium sand with thin sandy clay streaks
225		240	Fine to med sand & coarse sand to fine gravel w/ thin sandy clay streaks
240		243	Fine to medium sand & coarse sand & fine gravel w/ traces orange ochre

### Well Information:

Well depth: 243'  
Plain casing: 185'  
Perf. Set: 185'

Bore hole: 10"  
Perf. casing: 60"  
Gravel: 20-243'

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