

**CORRECTION(S) TO WATER WELL RECORD (WWC-5)**

(to rectify lacking or incorrect information)

County: Gray

Location listed as:

Location changed to:

Section-Township-Range: 6-26 S-28 W

1-26 S-29 W

Fraction (  $\frac{1}{4}$   $\frac{1}{4}$   $\frac{1}{4}$ ): NW NW

NW NW NW

Other changes: Initial statements: \_\_\_\_\_

Changed to: \_\_\_\_\_

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

verification method: Written description, city map, and mapping tool & aerial photos on KGS website.

initials: WRL date: 1/27/2009

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.

<b>1 LOCATION OF WATER WELL:</b>		<b>Fraction</b> <b>Township Number</b>	<b>Range Number</b>																																																																																																
County: <b>Gray</b>		$\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ <b>6</b>	T    26    S      R    28    E/W																																																																																																
Distance and direction from nearest town or city street address of well if located within city? <b>Near high school football practice field, Ingalls</b>																																																																																																			
<b>2 WATER WELL OWNER:</b> KDHE RR#, St. Address, Box # : 1000 SW Jackson St., Suite 410 City, State, ZIP Code : Topeka, KS 66612-1367		Board of Agriculture, Division of Water Resources Application Number:																																																																																																	
<b>3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:</b>		<b>4 DEPTH OF COMPLETED WELL</b> ..... <b>218</b> ..... ft. <b>ELEVATION:</b> ..... <b>0</b> .....																																																																																																	
<p>A 36-section grid (6x6) representing a quarter section. The sections are labeled NW, NE, SW, SE. An 'X' is drawn in the NW section.</p>		Depth(s) Groundwater Encountered 1.....ft. 2.....ft. 3.....ft.																																																																																																	
		WELL'S STATIC WATER LEVEL ... <b>43.73</b> ... ft. below land surface measured on mo/day/yr ... <b>10/20/2004</b> ...																																																																																																	
		Pump test data: Well water was ... <b>NA</b> ... ft. after ..... hours pumping ..... gpm																																																																																																	
		Est. Yield ... <b>NA</b> ... gpm: Well water was ..... ft. after ..... hours pumping ..... gpm																																																																																																	
Bore Hole Diameter .... <b>8</b> .... in. to .... <b>220</b> .... ft. and ..... in. to .... ft.		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 Lawn and garden only <b>10 Monitoring well</b>																																																																																																			
Was a chemical/bacteriological sample submitted to Department? Yes.....No✓..... If yes, mo/day/yr sample was submitted		Water Well Disinfected? Yes      No ✓																																																																																																	
<b>5 TYPE OF BLANK CASING USED:</b>																																																																																																			
1 Steel      3 RMP (SR)		5 Wrought iron      8 Concrete tile      CASING JOINTS: Glued ..... Clamped .....																																																																																																	
<b>2 PVC</b> 4 ABS		6 Asbestos-Cement      9 Other (specify below)      Welded .....																																																																																																	
		7 Fiberglass      Threaded. ✓																																																																																																	
Blank casing diameter ..... <b>4</b> ..... in. to ..... <b>198</b> ..... ft. Dia ..... in. to ..... ft. Dia ..... in. to ..... ft.																																																																																																			
Casing height above land surface ..... <b>0</b> ..... in. weight ..... lbs./ft. Wall thickness or gauge No. .... Sch. <b>40</b> .....																																																																																																			
TYPE OF SCREEN OR PERFORATION MATERIAL																																																																																																			
1 Steel      3 Stainless steel      5 Fiberglass		<b>7 PVC</b> 10 Asbestos-cement																																																																																																	
2 Brass      4 Galvanized steel      6 Concrete tile		8 RMP (SR)      11 Other (specify) .....																																																																																																	
		12 None used (open hole)																																																																																																	
SCREEN OR PERFORATION OPENINGS ARE:																																																																																																			
1 Continuous slot <b>3 Mill slot</b>		5 Gauzed wrapped      8 Saw cut      11 None (open hole)																																																																																																	
2 Louvered shutter      4 Key punched		6 Wire wrapped      9 Drilled holes																																																																																																	
		7 Torch cut      10 Other (specify) .....																																																																																																	
SCREEN-PERFORATED INTERVALS: From ..... <b>198</b> ..... ft. to ..... <b>218</b> ..... ft. From ..... ft. to ..... ft. From ..... ft. to ..... ft.																																																																																																			
GRAVEL PACK INTERVALS: From ..... <b>91</b> ..... ft. to ..... <b>220</b> ..... ft. From ..... ft. to ..... ft. From ..... ft. to ..... ft.																																																																																																			
<b>6 GROUT MATERIAL:</b> 1 Neat cement <b>2 Cement grout</b> <b>3 Bentonite</b> 4 Other .....																																																																																																			
Grout Intervals: From ..... <b>0</b> ..... ft. to ..... <b>85.5</b> ..... ft. From ..... <b>85.5</b> ..... ft. to ..... <b>91</b> ..... 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      14 Abandoned water well																																																																																																	
2 Sewer lines      5 Cess pool      8 Sewage lagoon		11 Fuel storage      15 Oil well/Gas well																																																																																																	
3 Watertight sewer lines      6 Seepage pit      9 Feedyard		<b>16 Other (specify below)</b> <b>Fmr. fertilizer storage</b>																																																																																																	
Direction from well? <b>West</b> How many feet? <b>920</b>																																																																																																			
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>FROM</th> <th>TO</th> <th>LITHOLOGIC LOG</th> <th>FROM</th> <th>TO</th> <th>PLUGGING INTERVALS</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>10</td> <td>Gravel, quartz, feldspar, calcite,</td> <td>155</td> <td>165</td> <td>Clay, sandy, plastic, soft, Very Pale Orange</td> </tr> <tr> <td>10</td> <td>15</td> <td>Gravel, quartz, feldspar,</td> <td>165</td> <td>190</td> <td>Clay, stiff, tr. sand, damp to moist, Grayish O</td> </tr> <tr> <td>15</td> <td>20</td> <td>As above with some cemented sand,</td> <td>190</td> <td>204</td> <td>Clay, stiff, damp, and fine Sand, Grayish Ora</td> </tr> <tr> <td>20</td> <td>25</td> <td>Gravel, quartz, feldspar,</td> <td>204</td> <td>210</td> <td>Gravel, med., well graded,</td> </tr> <tr> <td>25</td> <td>30</td> <td>As above with no cobbles,</td> <td>210</td> <td>218</td> <td>Clay and Sand, fine to med., w/gravel, Grayis</td> </tr> <tr> <td>30</td> <td>40</td> <td>Sand, silty, soft, low plasticity, Grayish Orang</td> <td>218</td> <td>220</td> <td>Shale, weathered, and gravel,</td> </tr> <tr> <td>40</td> <td>50</td> <td>Sand, silty, soft, low plasticity, Grayish orange</td> <td></td> <td></td> <td></td> </tr> <tr> <td>50</td> <td>57</td> <td>Sand, silty, and sandy Clay, Grayish Orange</td> <td></td> <td></td> <td></td> </tr> <tr> <td>57</td> <td>87.5</td> <td>Sand, very fine,</td> <td></td> <td></td> <td></td> </tr> <tr> <td>87.5</td> <td>105</td> <td>Sand and Clay, soft, tr. calcite, Mod. Yellow B</td> <td></td> <td></td> <td></td> </tr> <tr> <td>105</td> <td>120</td> <td>Clay and Sand, fine, angular, Mod. Yellowish</td> <td></td> <td></td> <td></td> </tr> <tr> <td>120</td> <td>130</td> <td>Sand, fine, angular, Mod. Yellowish Brown</td> <td></td> <td></td> <td>KDHE Project Code C606971817</td> </tr> <tr> <td>130</td> <td>135</td> <td>As above with sandy Clay, Mod. Yellowish Br</td> <td></td> <td></td> <td>MW1 , Flushmount</td> </tr> <tr> <td>135</td> <td>140</td> <td>Sand, med. to coarse, Mod. Yellowish Brown</td> <td></td> <td></td> <td>Project Name: Golder - Ingalls PWS</td> </tr> <tr> <td>140</td> <td>155</td> <td>Gravel, subangular to rounded, Grayish Oran</td> <td></td> <td></td> <td>GeoCore # 1184 , #</td> </tr> </tbody> </table>				FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS	0	10	Gravel, quartz, feldspar, calcite,	155	165	Clay, sandy, plastic, soft, Very Pale Orange	10	15	Gravel, quartz, feldspar,	165	190	Clay, stiff, tr. sand, damp to moist, Grayish O	15	20	As above with some cemented sand,	190	204	Clay, stiff, damp, and fine Sand, Grayish Ora	20	25	Gravel, quartz, feldspar,	204	210	Gravel, med., well graded,	25	30	As above with no cobbles,	210	218	Clay and Sand, fine to med., w/gravel, Grayis	30	40	Sand, silty, soft, low plasticity, Grayish Orang	218	220	Shale, weathered, and gravel,	40	50	Sand, silty, soft, low plasticity, Grayish orange				50	57	Sand, silty, and sandy Clay, Grayish Orange				57	87.5	Sand, very fine,				87.5	105	Sand and Clay, soft, tr. calcite, Mod. Yellow B				105	120	Clay and Sand, fine, angular, Mod. Yellowish				120	130	Sand, fine, angular, Mod. Yellowish Brown			KDHE Project Code C606971817	130	135	As above with sandy Clay, Mod. Yellowish Br			MW1 , Flushmount	135	140	Sand, med. to coarse, Mod. Yellowish Brown			Project Name: Golder - Ingalls PWS	140	155	Gravel, subangular to rounded, Grayish Oran			GeoCore # 1184 , #
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<b>7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION:</b> This water well was <b>(1)</b> constructed, <b>(2)</b> reconstructed, or <b>(3)</b> plugged under my jurisdiction and was completed on (mo/day/year) ..... <b>10/8/2004</b> ..... and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. .... <b>527</b> ..... This Water Well Record was completed on (mo/day/yr) ..... <b>11/5/2004</b> ..... under the business name of <b>GeoCore, Inc.</b> by (signature) <i>Dave Wolf</i>																																																																																																			
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, Topeka, Kansas 66620-0001. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.																																																																																																			