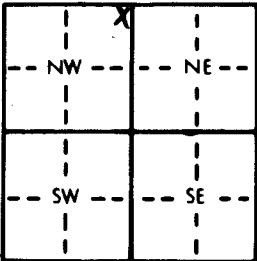


1 LOCATION OF WATER WELL: County: <u>Chase</u>		Fraction: <u>NE 1/4 NE 1/4 NW 1/4</u>	Section Number: <u>14</u>	Township Number: <u>T 18 S</u>	Range Number: <u>R 9 EW</u>																																																																																										
Distance and direction from nearest town or city street address of well if located within city? <u>5 north &amp; 3/4 West of Toledo</u>																																																																																															
2 WATER WELL OWNER: <u>A.G. Brickel</u> RR#, St. Address, Box #: <u>Rt 1 Emporia Ks 66801</u> City, State, ZIP Code: _____ Board of Agriculture, Division of Water Resources Application Number: _____																																																																																															
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: <div style="text-align: center;">  </div>		4 DEPTH OF COMPLETED WELL: <u>50</u> ft. ELEVATION: _____ Depth(s) Groundwater Encountered 1. <u>2.5</u> ft. 2. _____ ft. 3. _____ ft. WELL'S STATIC WATER LEVEL <u>20.5</u> ft. below land surface measured on mo/day/yr <u>Oct 2 85</u> Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm Est. Yield <u>2</u> gpm: Well water was _____ ft. after _____ hours pumping _____ gpm Bore Hole Diameter: <u>8</u> in. to <u>13</u> ft., and <u>6 1/2</u> in. to <u>50</u> ft. WELL WATER TO BE USED AS: <div style="display: flex; justify-content: space-between;"> <div>           1 Domestic 2 Irrigation         </div> <div>           3 Feedlot 4 Industrial         </div> <div>           6 Oil field water supply 7 Lawn and garden only         </div> <div>           8 Air conditioning 9 Dewatering 10 Observation well         </div> <div>           11 Injection well 12 Other (Specify below)         </div> </div> Was a chemical/bacteriological sample submitted to Department? Yes _____ No <u>X</u> ; If yes, mo/day/yr sample was submitted _____ Water Well Disinfected? <u>Yes</u> No _____																																																																																													
5 TYPE OF BLANK CASING USED: <div style="display: flex; justify-content: space-between;"> <div>           1 Steel 2 <u>PVC</u> Blank casing diameter <u>5</u> in. to <u>20</u> ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft. Casing height above land surface <u>14</u> in., weight _____ lbs./ft. Wall thickness or gauge No. _____         </div> <div>           3 RMP (SR) 4 ABS 5 Wrought iron 6 Asbestos-Cement 7 Fiberglass 8 Concrete tile 9 Other (specify below)         </div> <div>           CASING JOINTS: Glued <u>X</u> Clamped _____ Welded _____ Threaded _____         </div> </div> TYPE OF SCREEN OR PERFORATION MATERIAL: <div style="display: flex; justify-content: space-between;"> <div>           1 Steel 2 Brass 3 Stainless steel 4 Galvanized steel         </div> <div>           5 Fiberglass 6 Concrete tile 7 <u>PVC</u> 8 RMP (SR) 9 ABS 10 Asbestos-cement 11 Other (specify) _____ 12 None used (open hole)         </div> </div> SCREEN OR PERFORATION OPENINGS ARE: <div style="display: flex; justify-content: space-between;"> <div>           1 Continuous slot 2 Louvered shutter 3 Mill slot 4 Key punched         </div> <div>           5 Gauzed wrapped 6 Wire wrapped 7 Torch cut 8 <u>Saw cut</u> 9 Drilled holes 10 Other (specify) _____ 11 None (open hole)         </div> </div> SCREEN-PERFORATED INTERVALS: From <u>20</u> ft. to <u>50</u> ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft. GRAVEL PACK INTERVALS: From <u>NONE</u> ft. to _____ ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.																																																																																															
6 GROUT MATERIAL: <u>1 Neat cement</u> 2 Cement grout 3 Bentonite 4 Other _____ Grout Intervals: From _____ ft. to _____ ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft. What is the nearest source of possible contamination: <div style="display: flex; justify-content: space-between;"> <div>           1 Septic tank 2 <u>Sewer lines</u> 3 Watertight sewer lines         </div> <div>           4 Lateral lines 5 Cess pool 6 Seepage pit         </div> <div>           7 Pit privy 8 Sewage lagoon 9 Feedyard         </div> <div>           10 Livestock pens 11 Fuel storage 12 Fertilizer storage 13 Insecticide storage         </div> <div>           14 Abandoned water well 15 Oil well/Gas well 16 Other (specify below)         </div> </div> Direction from well? <u>South</u> How many feet? <u>50</u>																																																																																															
<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>LITHOLOGIC LOG</th> </tr> </thead> <tbody> <tr><td>0</td><td>2</td><td>Topsoil</td><td></td><td></td><td></td></tr> <tr><td>2</td><td>4</td><td>Clay Brn</td><td></td><td></td><td></td></tr> <tr><td>4</td><td>6</td><td>Lime TAN</td><td></td><td></td><td></td></tr> <tr><td>6</td><td>12</td><td>Shale Yel</td><td></td><td></td><td></td></tr> <tr><td>12</td><td>16</td><td>Lime lite TAN</td><td></td><td></td><td></td></tr> <tr><td>16</td><td>17</td><td>Shale lite Blue</td><td></td><td></td><td></td></tr> <tr><td>17</td><td>19</td><td>Lime</td><td></td><td></td><td></td></tr> <tr><td>19</td><td>25</td><td>Shale lite powder Blue</td><td></td><td></td><td></td></tr> <tr><td>25</td><td>26</td><td>DK, Appears like Coal</td><td></td><td></td><td></td></tr> <tr><td>26</td><td>30</td><td>Shale DK Gray</td><td></td><td></td><td></td></tr> <tr><td>30</td><td>40</td><td>LIME Gray</td><td></td><td></td><td></td></tr> <tr><td>40</td><td>41</td><td>Coal?</td><td></td><td></td><td></td></tr> <tr><td>41</td><td>49</td><td>Lime Gray</td><td></td><td></td><td></td></tr> <tr><td>49</td><td>50</td><td>Shale Dark Gray</td><td></td><td></td><td></td></tr> </tbody> </table>						FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG	0	2	Topsoil				2	4	Clay Brn				4	6	Lime TAN				6	12	Shale Yel				12	16	Lime lite TAN				16	17	Shale lite Blue				17	19	Lime				19	25	Shale lite powder Blue				25	26	DK, Appears like Coal				26	30	Shale DK Gray				30	40	LIME Gray				40	41	Coal?				41	49	Lime Gray				49	50	Shale Dark Gray			
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7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) <u>constructed</u> , (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) <u>Oct 2 85</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. _____ This Water Well Record was completed on (mo/day/yr) <u>Oct 15 85</u> under the business name of <u>Zinn Water Well Drng.</u> by (signature) <u>Joseph A. Zinn</u> 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, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.																																																																																															

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