

1 LOCATION OF WATER WELL:		Fraction SW 1/4 SW 1/4 NW 1/4		Section Number 20		Township Number T 10 S		Range Number R 9 E/W																																																																									
Distance and direction from nearest town or city street address of well if located within city? One Mile North of Zeandale, Ks., & 3/4 Mile West & 1/2 Mile South																																																																																	
2 WATER WELL OWNER: Wayne L. Roesner RR#, St. Address, Box #: 4241 Kaw Road City, State, ZIP Code: Manhattan, KS. 66502 <div style="text-align: right;">Board of Agriculture, Division of Water Resources Application Number: 42811</div>																																																																																	
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: <div style="display: flex; align-items: center;"> <div style="text-align: center; margin-right: 10px;"> <div style="border: 1px solid black; width: 100px; height: 100px; position: relative; margin: 0 auto;"> <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; border: 1px dashed black; display: flex; flex-direction: column; align-items: center; justify-content: center;"> <div style="margin-bottom: 5px;">N</div> <div style="margin-bottom: 5px;">W</div> <div style="margin-bottom: 5px;">E</div> <div style="margin-bottom: 5px;">S</div> </div> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%);"> <div style="display: flex; justify-content: space-around; width: 100%;"> <div style="text-align: center;">NW</div> <div style="text-align: center;">NE</div> </div> <div style="display: flex; justify-content: space-around; width: 100%;"> <div style="text-align: center;">SW</div> <div style="text-align: center;">SE</div> </div> </div> </div> </div> </div>			4 DEPTH OF COMPLETED WELL: 58 ft. ELEVATION: _____ ft. Depth(s) Groundwater Encountered 1. 27 ft. 2. _____ ft. 3. _____ ft. WELL'S STATIC WATER LEVEL 27 ft. below land surface measured on mo/day/yr 9-6-97 Pump test data: Well water was 34 ft. after 1 hours pumping 800 gpm Est. Yield 800 gpm Well water was 41 ft. after 2 hours pumping 1200 gpm Bore Hole Diameter 32 in. to 58 ft. and _____ in. to _____ ft. WELL WATER TO BE USED AS: 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below) 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well Was a chemical/bacteriological sample submitted to Department? Yes _____ No <input checked="" type="checkbox"/> If yes, mo/day/yr sample was sub- mitted _____ Water Well Disinfected? Yes _____ No <input checked="" type="checkbox"/>																																																																														
5 TYPE OF BLANK CASING USED: 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued <input checked="" type="checkbox"/> Clamped <input checked="" type="checkbox"/> 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded _____ 7 Fiberglass Threaded _____ Blank casing diameter 16 in. to 30 ft. Dia _____ in. to _____ ft. Dia _____ in. to _____ ft. Casing height above land surface 12 in. weight _____ lbs./ft. Wall thickness or gauge No. 50 TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 11 Other (specify) _____ 12 None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot 3 Mill slot 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 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 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 12 Fertilizer storage 16 Other (specify below) 13 Insecticide storage None Direction from well? _____ How many feet? _____																																																																																	
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:10%;">FROM</th> <th style="width:10%;">TO</th> <th style="width:40%;">LITHOLOGIC LOG</th> <th style="width:10%;">FROM</th> <th style="width:10%;">TO</th> <th style="width:20%;">PLUGGING INTERVALS</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>3</td> <td>Brown Sandy Silt</td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td>19</td> <td>Heavy Brown Silt</td> <td></td> <td></td> <td></td> </tr> <tr> <td>19</td> <td>24</td> <td>Fine Brown Sand</td> <td></td> <td></td> <td></td> </tr> <tr> <td>24</td> <td>29</td> <td>Small-Medium Brown Gravel</td> <td></td> <td></td> <td></td> </tr> <tr> <td>29</td> <td>34</td> <td>Medium-Large Brown Gravel & Grey Clay</td> <td></td> <td></td> <td></td> </tr> <tr> <td>34</td> <td>36</td> <td>Medium-Large Grey Gravel</td> <td></td> <td></td> <td></td> </tr> <tr> <td>36</td> <td>38</td> <td>Fine Brown Sand</td> <td></td> <td></td> <td></td> </tr> <tr> <td>38</td> <td>41</td> <td>Small-Medium Grey Gravel</td> <td></td> <td></td> <td></td> </tr> <tr> <td>41</td> <td>50</td> <td>Medium-Large Grey Gravel</td> <td></td> <td></td> <td></td> </tr> <tr> <td>50</td> <td>58</td> <td>Large Grey Gravel & Large Cobbles</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>58</td> <td>Grey Shale, Stopped</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>										FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS	0	3	Brown Sandy Silt				3	19	Heavy Brown Silt				19	24	Fine Brown Sand				24	29	Small-Medium Brown Gravel				29	34	Medium-Large Brown Gravel & Grey Clay				34	36	Medium-Large Grey Gravel				36	38	Fine Brown Sand				38	41	Small-Medium Grey Gravel				41	50	Medium-Large Grey Gravel				50	58	Large Grey Gravel & Large Cobbles					58	Grey Shale, Stopped			
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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) 9-6-97 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 323 This Water Well Record was completed on (mo/day/yr) 9-25-97 under the business name of Hoobler Drilling Co. by (signature) <i>[Signature]</i>																																																																																	