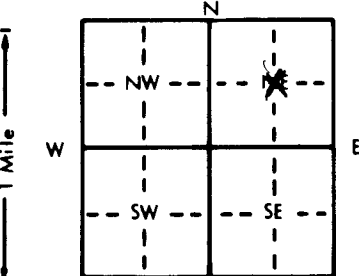


**WATER WELL RECORD Form WWC-5 KSA 82a-1212**

<b>1 LOCATION OF WATER WELL:</b> County: <u>Riley</u>	Fraction <u>Near center of 1/4 N.E. 1/4</u>	Section Number <u>21</u>	Township Number <u>T 10 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?  
1/2 mi. east of Zeandale Ks. On K-18, 1.5 mi. north on Sandyland Rd., 1/4 mi. east, and 1/4 mi so.

<b>2 WATER WELL OWNER:</b> <u>Harold D. Mertz</u> RR#, St. Address, Box # : <u>Rt. 3 Bx. 260</u> City, State, ZIP Code : <u>Manhattan, Ks. 66502</u>	Board of Agriculture, Division of Water Resources Application Number: <u>41,577</u>
--	--

<b>3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:</b> 	<b>4 DEPTH OF COMPLETED WELL:</b> <u>53</u> ft. ELEVATION: _____ ft. Depth(s) Groundwater Encountered 1. <u>19</u> ft. 2. _____ ft. 3. _____ ft. WELL'S STATIC WATER LEVEL <u>19</u> ft. below land surface measured on <u>mo/day/yr</u> <u>3-30-95</u> Pump test data: Well water was <u>36</u> ft. after <u>1</u> hours pumping <u>1000</u> gpm Est. Yield <u>1500</u> gpm: Well water was <u>48</u> ft. after <u>1</u> hours pumping <u>1500</u> gpm Bore Hole Diameter <u>32</u> in. to <u>53</u> 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) <u>2 Irrigation</u> 4 Industrial 7 Lawn and garden only 10 Monitoring well Was a chemical/bacteriological sample submitted to Department? Yes _____ No <u>XX</u> _____ If yes, mo/day/yr sample was sub- mitted _____ Water Well Disinfected? Yes _____ No <u>XX</u> _____
---	--

<b>5 TYPE OF BLANK CASING USED:</b> 1 Steel 3 RMP (SR) 2 PVC 4 ABS Blank casing diameter <u>16</u> in. to <u>33</u> ft., Dia _____ in. to _____ ft. Casing height above land surface <u>12</u> in., weight _____ lbs./ft. Wall thickness or gauge No. <u>50</u>	5 Wrought iron 8 Concrete tile CASING JOINTS: Glued <u>XX</u> Clamped <u>XX</u> 6 Asbestos-Cement 9 Other (specify below) Welded _____ 7 Fiberglass Threaded _____ TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement 11 Other (specify) _____ 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 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 <u>33</u> ft. to <u>53</u> ft., From _____ ft. to _____ ft. From _____ ft. to _____ ft., From _____ ft. to _____ ft. GRAVEL PACK INTERVALS: From <u>20</u> ft. to <u>53</u> ft., From _____ ft. to _____ ft. From _____ ft. to _____ ft., From _____ ft. to _____ ft.
---	---

<b>6 GROUT MATERIAL:</b> 1 Neat cement 2 <u>Cement grout</u> 3 Bentonite 4 Other _____ Grout intervals: From <u>20</u> ft. to <u>0</u> 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) <u>none</u> 13 Insecticide storage	Direction from well? _____ How many feet? _____
---	---

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	18	Fine brown sandy silt			
18	22	Small-medium brown sand			
22	24	Medium brown gravel			
24	32	Medium grey gravel and grey clay			
32	33	Fine grey sand			
33	34	Medium grey gravel and grey clay			
34	41	Medium-large green gravel			
41	44	Medium green gravel			
44	53	Medium-large green gravel			
	53	Weathered shale, stopped			

<b>7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION:</b> This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) <u>3-30-95</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>323</u> This Water Well Record was completed on (mo/day/yr) <u>3-31-95</u> under the business name of <u>Hoobler Drilling Co.</u> by (signature) <u>[Signature]</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, Bureau of Water, Topeka, Kansas 66620-0001. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY T R EW SEC. 1/4 1/4 1/4