

1 LOCATION OF WATER WELL: County: LEAVENWORTH	Fraction SW 1/4 SE 1/4 NW 1/4	Section Number 20	Township Number T 11 S	Range Number R 21 E/W
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Distance and direction from nearest town or city street address of well if located within city?

1 1/2 south, 3/4 west of Tonganoxie

2 WATER WELL OWNER: **Charles Flewelling**
 RR#, St. Address, Box #: **Rt. 1 Box 38**
 City, State, ZIP Code: **Winchester, KS 66097**
 Board of Agriculture, Division of Water Resources
 Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:

4 DEPTH OF COMPLETED WELL: **160** ft. ELEVATION:
 Depth(s) Groundwater Encountered 1. **130-140** ft. 2. **140-158** ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL: **85'** ft. below land surface measured on mo/day/yr **8-28-90**
 Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
 Est. Yield **30** gpm: Well water was _____ ft. after _____ hours pumping _____ gpm
 Bore Hole Diameter: **8 3/4** in. to _____ 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 X; If yes, mo/day/yr sample was submitted _____
 Water Well Disinfected? Yes X No _____

5 TYPE OF BLANK CASING USED:
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued X Clamped _____
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded _____
 7 Fiberglass Threaded _____
 Blank casing diameter _____ in. to _____ ft., Dia. **5"** in. to **140-160** ft., Dia. _____ in. to _____ ft.
 Casing height above land surface: **24"** in., weight **2.82** lbs./ft. Wall thickness or gauge No. **258**
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless steel 5 Fiberglass 7 PVC 10 Asbestos-cement
 2 Brass 4 Galvanized steel 6 Concrete tile 8 RMP (SR) 11 Other (specify) _____
 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 _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From **24** ft. to **160** ft., From _____ ft. to _____ ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other hole plug
 Grout Intervals: From _____ ft. to **24** 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
 Direction from well? **south** How many feet? **140'**

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	3	Top Soil			
3	30	Clay-Brown			
30	33	Limestone-Grey			
33	41	Shale-Grey			
41	90	Shaley Limestone-Grey			
90	94	Limestone-Grey			
94	130	Shaley Limestone-Grey			
130	158	Sandstone-Grey			
158	160	Shale-Grey			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) **8-28-90** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **182**. This Water Well Record was completed on (mo/day/yr) **10-22-90** under the business name of **STRADER DRILLING CO., INC.** by (signature) *D. Strader*