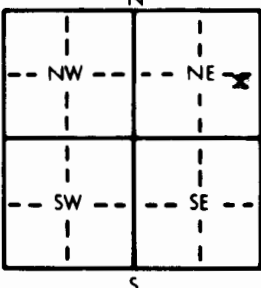


1 LOCATION OF WATER WELL: Fraction **NE 1/4 SE 1/4 NE 1/4** Section Number **22** Township Number **T 22 11 S** Range Number **R 21 EW**  
 County: **Leavenworth**  
 Distance and direction from nearest town or city street address of well if located within city?  
**2 1/2 miles SE of Tonganoxie, Ks.**

2 WATER WELL OWNER: **Den Sturgeon**  
 RR#, St. Address, Box #: **Rt. 3** Board of Agriculture, Division of Water Resources  
 City, State, ZIP Code: **Tonganoxie, Kansas 66086** 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. **29** ft. 2. ft. 3. ft.  
 WELL'S STATIC WATER LEVEL **123** ft. below land surface measured on mo/day/yr  
 Pump test data: Well water was ft. after hours pumping gpm  
 Est. Yield **12** gpm: Well water was ft. after hours pumping gpm  
 Bore Hole Diameter **10** in. to **30** 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 Observation well  
 Was a chemical/bacteriological sample submitted to Department? Yes No **X**; If yes, mo/day/yr sample was submitted  
 Water Well Disinfected? Yes **XX** No

5 TYPE OF BLANK CASING USED:  
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued Clamped  
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded  
 7 Fiberglass Threaded  
 Blank casing diameter **5** in. to **161** ft., Dia in. to ft., Dia in. to ft.  
 Casing height above land surface **18** in., weight **284** lbs./ft. Wall thickness or gauge No. **265**  
 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 **140** ft. to **160** ft., From ft. to ft.  
 From ft. to ft., From ft. to ft.  
 GRAVEL PACK INTERVALS: From ft. to 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 **3** ft. to **20** ft., From **50** ft. to **55** 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? **125 ft. west** How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	3	Top Soil			
3	14	Clay			
14	23	Sandy Clay			
23	29	Sandy Clay & Gravel (Some Water)			
29	31	Broken Lime			
31	100	Shale			
100	130	Sandy Shale			
130	160	Sandstone - Gray			
160		Lime			

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) **6-12-88** and this record is true to the best of my knowledge and belief. Kansas  
 Water Well Contractor's License No. **174** This Water Well Record was completed on (mo/day/yr) **7-12-88**  
 under the business name of **BREUER, INC.** by (signature) *Lowell Brewer*