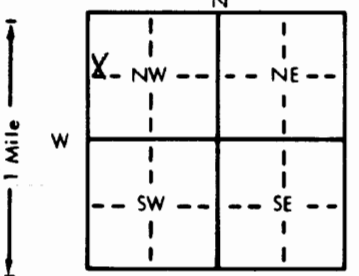


1 LOCATION OF WATER WELL: County: ATCHISON Fraction: SW 1/4 NW 1/4 NW 1/4 Section Number: 34 Township Number: T 6 S Range Number: R 18 **EW**

Distance and direction from nearest town or city street address of well if located within city?

2 S of Effingham

2 WATER WELL OWNER: Stephen D. Swendson
 RR#, St. Address, Box #: Rt. 2 Effingham, KS 66023 Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  4 DEPTH OF COMPLETED WELL: 214' ft. ELEVATION: _____ ft.
 Depth(s) Groundwater Encountered 1. 71-81' ft. 2. 206-210' ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL: 63' ft. below land surface measured on mo/day/yr 6-21-88
 Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
 Est. Yield: 60 gpm: Well water was _____ ft. after _____ hours pumping _____ gpm
 Bore Hole Diameter: 12" in. to _____ 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)
 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: 5" in. to 0-71' ft., Dia 5" in. to 81-206 ft., Dia 5" in. to 210-214 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 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 71 ft. to 81 ft., From _____ ft. to _____ ft.
 From 206 ft. to 210 ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From 20 ft. to 214 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 90 ft. to 100 ft., From _____ ft. to _____ ft.
 What is the nearest source of possible contamination: 10ft Plug bentonite 90-100
 1 Septic tank 4 Lateral lines 7 Pit privy 90-100 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? E How many feet? 180

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	2	Top Soil			
2	58	Clay-Brown			
58	80	Fine Sand-Coarse Sand-MedPea Gravel, Brown			
80	202	Fine Silt, Brown			
202	209	Chert 1/4x1/2, Blue			
209	214	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) 6-21-88 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) 7-26-88 under the business name of Strader Drilling Co., Inc. by (signature) Dale Strader