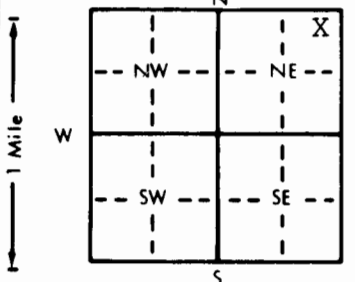


1 LOCATION OF WATER WELL: County: LEAVENWORTH Fraction: NE 1/4 NE 1/4 NE 1/4 Section Number: 20 Township Number: T 11 S Range Number: R 21 E/W

Distance and direction from nearest town or city street address of well if located within city?
1 1/2 mile south of Tonganoxie Well site @ 16924 Chieftain Rd.

2 WATER WELL OWNER: Frank Smith
 RR#, St. Address, Box #: P.O. Box 711 Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: Tonganoxie, KS 66086 Application Number:

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

 4 DEPTH OF COMPLETED WELL: 165' ft. ELEVATION:
 Depth(s) Groundwater Encountered 1. _____ ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL: 75' ft. below land surface measured on mo/day/yr 09/17/98
 Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
 Est. Yield 40 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 _____
 2 Irrigation _____ 4 Industrial _____ 7 Lawn and garden only _____ 10 Monitoring well _____
 5 Public water supply _____ 8 Air conditioning _____ 11 Injection well _____
 12 Other (Specify below) _____
 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 0-125 ft., Dia _____ in. to _____ 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 125 ft. to 165 ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From 24 ft. to 165 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 4 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? 100'

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	2	Top Soil			
2	11	Clay-Brown			
11	13	Limestone-Grey			
13	22	Shale-Grey			
22	76	Limestone (Shaley) Grey			
76	79	Shale-Grey			
79	105	Sandy Shale-Grey			
105	163	Sandstone-Grey			
163	165	Limestone-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) 09/17/98 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) 9-30-98 under the business name of STRADER DRILLING CO., INC. by (signature) [Signature]

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