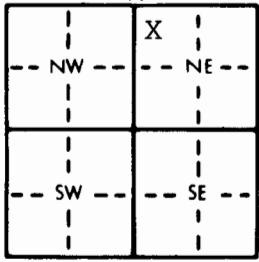


1 LOCATION OF WATER WELL: Fraction NW 1/4 NW 1/4 NE 1/4 Section Number 20 Township Number T 11 S Range Number R 21 E/W
 County: LEAVENWORTH

Distance and direction from nearest town or city street address of well if located within city?
 1 1/4 miles south, 3/8 west of Tonganoxie Well site @ 16951 Chiefton Road

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: 167' ft. ELEVATION:
 Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL: 85' ft. below land surface measured on mo/day/yr 10/31/97
 Pump test data: Well water was ft. after hours pumping gpm
 Est. Yield: 50 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: 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: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued X Clamped
 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded
 2 PVC 4 ABS 7 Fiberglass Threaded
 Blank casing diameter: 5" in. to 0-107 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: 7 PVC 10 Asbestos-cement
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify)
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE: 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
 1 Continuous slot 3 Mill slot 6 Wire wrapped 9 Drilled holes
 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify)
 SCREEN-PERFORATED INTERVALS: From 107 ft. to 167 ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From 24 ft. to 167 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? west How many feet? 310'

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	2	Top Soil	165	167	Limestone-Grey
2	14	Clay-Brown			
14	17	Shale-Yellow			
17	38	Shale-Grey			
38	41	Limestone-Grey			
41	50	Shaley LS-Grey			
50	70	Sand Rock			
70	78	Sandstone-Grey			
78	82	Shale-Grey			
82	88	Sandstone-Grey			
88	93	Shale-Grey			
93	99	Sandstone-Grey			
99	102	Limestone-Grey			
102	105	Shale-grey			
105	165	Sandstone-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) 10/31/97 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) 11-11-97 under the business name of STRADER DRILLING CO., INC. by (signature) Dale Skren