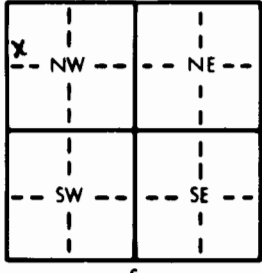


1 LOCATION OF WATER WELL: Fraction NW 1/4 NW 1/4 NW 1/4 Section Number 20 Township Number T 23 S Range Number R 1 E/W
 County: Harvey

Distance and direction from nearest town or city street address of well if located within city?
AT&SF Railway Rail Mill Ash and 1st, Newton MW 6

2 WATER WELL OWNER: AT&SF Railway CO
 RR#, St. Address, Box #: 920 SE Quincy St, Box 1738
 City, State, ZIP Code: Topeka KS 66628
 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: 25 ft. ELEVATION: 1430
 Depth(s) Groundwater Encountered 1. 9 ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL: 9' ft. below land surface measured on mo/day/yr 9/7/88
 Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
 Est. Yield _____ gpm; Well water was _____ ft. after _____ hours pumping _____ gpm
 Bore Hole Diameter: 8 in. to 29 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 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 _____ No X

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 7 Fiberglass _____ Welded _____
 Blank casing diameter: 4 in. to 5 ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height above land surface: 2 in., weight _____ lbs./ft. Wall thickness or gauge No. 5.940
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 11 Other (specify) _____
 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 5 ft. to 25 ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From 5 ft. to 25 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 col clay
 Grout Intervals: From surface ft. to 5 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 11 Fuel storage 14 Abandoned water well
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage 15 Oil well/Gas well
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage 16 Other (specify below) road line
 Direction from well? NE How many feet? 200'

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
<u>0</u>	<u>7</u>	<u>Black wet, sandy CLAY</u>			
<u>7</u>	<u>11</u>	<u>Brown/gray, moist, sandy CLAY</u>			
<u>11</u>	<u>18</u>	<u>Light brown, sat, sandy CLAY w/ slight odor</u>			
<u>18</u>	<u>29</u>	<u>Tan/gray, sat, silky, med to fine SAND</u>			
<u>29</u>		<u>Gray/green weathered SHALE</u>			
		<u>Grout variance granted</u>			
		<u>on 8-18-88</u>			

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) 9/7/88 and this record is true to the best of my knowledge and belief. Kansas
 Water Well Contractor's License No. 415 This Water Well Record was completed on (mo/day/yr) 9-9-88
 under the business name of Daniels Drilling by (signature) Daniel Daniels