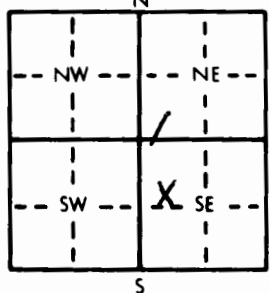


LOCATION OF WATER WELL: County: Harvey Fraction: SW 1/4 NW 1/4 SE 1/4 Section Number: 17 Township Number: T 23 S Range Number: R 1 E/W

Distance and direction from nearest town or city street address of well if located within city? AT&SF Railway Depot E 5th and Main St, Newton MO 4

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:

LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: 1 DEPTH OF COMPLETED WELL: 19 ft. ELEVATION: 1445



Depth(s) Groundwater Encountered 1. 9 ft. 2. 9 ft. 3. 9 ft.
 WELL'S STATIC WATER LEVEL 9 ft. below land surface measured on mo/day/yr 8-31-88
 Pump test data: Well water was 9 ft. after 9 hours pumping 9 gpm
 Est. Yield 9 gpm; Well water was 9 ft. after 9 hours pumping 9 gpm
 Bore Hole Diameter: 8 in. to 22 ft., and 22 in. to 22 ft.
 WELL WATER TO BE USED AS:
 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 11 Injection well
 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Observation well 12 Other (Specify below)
 Was a chemical/bacteriological sample submitted to Department? Yes X No X; If yes, mo/day/yr sample was submitted
 Water Well Disinfected? Yes X No X

TYPE OF BLANK CASING USED:
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued X Clamped X
2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded X
 7 Fiberglass Threaded X
 Blank casing diameter 4 in. to 4 ft., Dia 4 in. to 4 ft., Dia 4 in. to 4 ft.
 Casing height above land surface 4 in., weight 4 lbs./ft. Wall thickness or gauge No. 5 & 40

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) 10
 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 4 ft. to 19 ft., From 4 ft. to 19 ft.
 GRAVEL PACK INTERVALS: From 4 ft. to 19 ft., From 4 ft. to 19 ft.

GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other Water clay
 Grout Intervals: From Surface ft. to 4 ft., From 4 ft. to 19 ft., From 19 ft. to 19 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)

Direction from well? SW How many feet? 200'

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	3	dk brown, silty CLAY			
3	8	dk brown, clayey, med to fine SAND			
8	13	gray/black, silty CLAY			
13	18	greenish gray, clayey, fine SAND			
18	19	tan, silty, med to fine SAND			
19	22	gray/olive green, weathered SHALE			
Grout variance granted on 8-18-88					

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) 8-31-88 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) 8/6/88 under the business name of Daniel Drilling by (signature) Daniel Drilling
 INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water Protection, Topeka, Kansas 66620-7320, Telephone: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.