

1 LOCATION OF WATER WELL: County: Lyon Fraction: SE 1/4 SE 1/4 NW 1/4 Section Number: 16 Township Number: T 19 S Range Number: R 11 E

Distance and direction from nearest town or city street address of well if located within city?
3/8 mile East of Prairie St. on South Ave. Emporia KS MW7

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: 24 ft. ELEVATION: 1122

Depth(s) Groundwater Encountered 1. 18 ft. 2. 13.3 ft. 3. 8/24/88 ft.

WELL'S STATIC WATER LEVEL 13.3 ft. below land surface measured on mo/day/yr

Pump test data: Well water was 13.3 ft. after 8/24/88 hours pumping 8/24/88 gpm

Est. Yield 8 gpm: Well water was 24 ft. after 8/24/88 hours pumping 8/24/88 gpm

Bore Hole Diameter 8 in. to 24 ft., and 8/24/88 in. to 8/24/88 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
2 Irrigation	4 Industrial	7 Lawn and garden only
		10 Monitoring well

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

5 TYPE OF BLANK CASING USED:

1 Steel	3 RMP (SR)	5 Wrought iron	8 Concrete tile
2 PVC	4 ABS	6 Asbestos-Cement	9 Other (specify below)
		7 Fiberglass	

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 18 in., weight 18 lbs./ft. Wall thickness or gauge No. Sec 40

CASING JOINTS: Glued X Clamped X

TYPE OF SCREEN OR PERFORATION MATERIAL:

1 Steel	3 Stainless steel	5 Fiberglass	8 RMP (SR)
2 Brass	4 Galvanized steel	6 Concrete tile	9 ABS
			10 Asbestos-cement

SCREEN OR PERFORATION OPENINGS ARE:

1 Continuous slot	3 Mill slot	5 Gauzed wrapped	8 Saw cut
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 24 ft., From 4 ft. to 24 ft., From 4 ft. to 24 ft., From 4 ft. to 24 ft.

GRAVEL PACK INTERVALS: From 4 ft. to 24 ft., From 4 ft. to 24 ft., From 4 ft. to 24 ft., From 4 ft. to 24 ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other Vol. clay

Grout Intervals: From Surface ft. to 4 ft., From 4 ft. to 24 ft., From 4 ft. to 24 ft., From 4 ft. to 24 ft.

What is the nearest source of possible contamination:

1 Septic tank	4 Lateral lines	7 Pit privy	10 Livestock pens
2 Sewer lines	5 Cess pool	8 Sewage lagoon	11 Fuel storage <u>abandoned</u>
3 Watertight sewer lines	6 Seepage pit	9 Feedyard	12 Fertilizer storage
			13 Insecticide storage

Direction from well? SW

How many feet? 220

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	2	Black silty CLAY			
2	3	yellow brown silty CLAY			
3	10	yellow brown moist, stained dark gray silty clay			
10	16	red brown/dark gray moist clayey SILT			
16	24	lt. brown silty clayey SILT			
		Grout variance			
		grouted 8/18/88			

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) 8/22/88 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 496775 This Water Well Record was completed on (mo/day/yr) 9-9-88 under the business name of Daniels Drilling by (signature) David Daniels