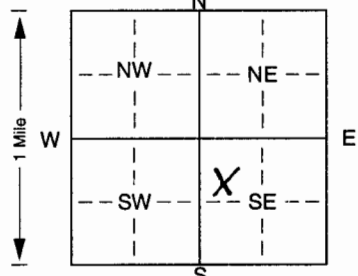


mw # 3

1 LOCATION OF WATER WELL: County: <u>Cowley</u>	Fraction <u>SW 1/4 NW 1/4 SE 1/4</u>	Section Number <u>19</u>	Township Number <u>T 34</u> <u>(S)</u>	Range Number <u>R 3</u> <u>(EW)</u>
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Distance and direction from nearest town or city street address of well if located within city?
Approximately 455' west of Poplar Ave. + 67' north of "F" Street - Arkansas City

2 WATER WELL OWNER: The Burlington Northern & Santa Fe Railway Company
 RR#, St. Address, Box # : 4515 Kansas Avenue Board of Agriculture, Division of Water Resources
 City, State, ZIP Code : Kansas City, Kansas 66106 Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: 	4 DEPTH OF COMPLETED WELL: <u>23</u> ft. ELEVATION:
	Depth(s) Groundwater Encountered 1. <u>17.5</u> ft. 2. ft. 3. ft. WELL'S STATIC WATER LEVEL <u>13.1</u> ft. below land surface measured on mo/day/yr <u>01/21/05</u> 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: <u>10.25</u> in. to <u>23</u> 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 Domestic (lawn & garden) <u>10 Monitoring well</u> Was a chemical/bacteriological sample submitted to Department? Yes. No.; If yes, mo/day/yr sample was submitted Water Well Disinfected? Yes No

5 TYPE OF BLANK CASING USED: 1 Steel <u>2 PVC</u> 3 RMP (SR) 4 ABS Blank casing diameter <u>4</u> in. to <u>8</u> ft., Dia in. to ft., Dia in. to ft. Casing height above land surface: <u>Flush mount</u> in., weight lbs./ft. Wall thickness or gauge No.	5 Wrought iron 6 Asbestos-Cement 7 Fiberglass	8 Concrete tile 9 Other (specify below)	CASING JOINTS: Glued. Clamped. Welded. <u>Threaded</u>
TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 2 Brass SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot 2 Louvered shutter	3 Stainless steel 4 Galvanized steel	5 Fiberglass 6 Concrete tile	7 PVC 8 RMP (SR) 9 ABS 10 Asbestos-cement 11 Other (specify) 12 None used (open hole)
SCREEN OR PERFORATION INTERVALS: From <u>8</u> ft. to <u>23</u> ft., From ft. to ft. GRAVEL PACK INTERVALS: From <u>6</u> ft. to <u>23</u> ft., From ft. to ft.	3 Gauzed wrapped 4 Wire wrapped 7 Torch cut	5 Saw cut 6 Drilled holes 8 Other (specify)	9 None (open hole) 10 Other (specify)

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

Grout Intervals: From 1 ft. to 6 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)
Liquid Fertilizer Spill Area

Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0'	1'	Gravel, Sandy			
1'	7.5'	Brown, Sandy Silt			
7.5'	12.5'	Brown, Silty Clay			
12.5'	15'	Brownish, Sandy clay, moist			
15'	25'	Grayish, sandy silt, clay, saturated, more sandy with depth			

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) 01/18/05 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No. 566 This Water Well Record was completed on (mo/day/yr) 02/02/05 under the business name of Anderson Engineering, Inc. by (signature) Ray E. Dan