

mw # 2

WATER WELL RECORD Form WWC-5 KSA 82a-1212 ID No.

1 LOCATION OF WATER WELL: Fraction SW 1/4 NW 1/4 SE 1/4 Section Number 19 Township Number T 34 S Range Number R 3 EW

Distance and direction from nearest town or city street address of well if located within city? Approximately 370' west of Poplar Ave and 12' 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: [Diagram showing a 2x2 grid with NW, NE, SW, SE quadrants. An 'X' is marked in the SE quadrant.] 4 DEPTH OF COMPLETED WELL: 24.5 ft. ELEVATION: ... ft. Depth(s) Groundwater Encountered: 1. 18 ft. 2. ... ft. 3. ... ft. WELL'S STATIC WATER LEVEL: 13.3 ft. below land surface measured on mo/day/yr 01/21/05 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: 10.25 in. to 24.5 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) 10 Monitoring well (circled) Was a chemical/bacteriological sample submitted to Department? Yes. ... No. ... ; If yes, mo/day/yrs sample was submitted Water Well Disinfected? Yes No

5 TYPE OF BLANK CASING USED: 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued ... Clamped ... 2 PVC (circled) 4 ABS 7 Fiberglass ... Threaded (circled) Blank casing diameter ... 4 in. to ... ft., Dia ... in. to ... ft., Dia ... in. to ... ft. Casing height above land surface: Flush mount in., weight ... lbs./ft. Wall thickness or gauge No. ... TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 3 Stainless steel 5 Fiberglass 7 PVC (circled) 10 Asbestos-cement 2 Brass 4 Galvanized steel 6 Concrete tile 8 RMP (SR) 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 7 Torch cut 9 Drilled holes 10 Other (specify) ... ft. SCREEN-PERFORATED INTERVALS: From ... 9.5 ft. to ... 24.5 ft. From ... ft. to ... ft. From ... ft. to ... ft. GRAVEL PACK INTERVALS: From ... 7.5 ft. to ... 24.5 ft. From ... ft. to ... ft. From ... ft. to ... ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite (circled) 4 Other ... Grout Intervals: From ... 1 ft. to ... 7.5 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 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 (handwritten) Direction from well? How many feet?

Table with columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, PLUGGING INTERVALS. Rows describe soil layers: 0' to 1' Gravel, Sandy; 1' to 7.5' Brown, sandy silt; 7.5' to 12.5' Brown, silty clay; 12.5' to 15' Brownish, sandy clay, moist; 15' to 25' Grayish, sandy silt, clay, saturated, more sandy with depth.

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed (circled), (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 01/17/05 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) [Signature]