

mw # 4

1 LOCATION OF WATER WELL:	Fraction	Section Number	Township Number	Range Number
County: <u>Cowley</u>	<u>SW 1/4 NW 1/4 SE 1/4</u>	<u>19</u>	T <u>34</u> (S)	R <u>3</u> (EW)

Distance and direction from nearest town or city street address of well if located within city?  
APPROX. 400' west of Poplar Ave. + 160' 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: 20 ft. ELEVATION: .....

Depth(s) Groundwater Encountered 1. 15 ft. 2. .... ft. 3. .... ft.

WELL'S STATIC WATER LEVEL: 11.3 ft. below land surface measured on mo/day/yr 01/12/05

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 20 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

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	3 RMP (SR)	5 Wrought iron	8 Concrete tile	CASING JOINTS: Glued. .... Clamped. ....
<u>2 PVC</u>	4 ABS	6 Asbestos-Cement	9 Other (specify below)	Welded. ....
		7 Fiberglass		<u>Threaded</u>

Blank casing diameter ..... 4 in. to ..... 10 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	<u>7 PVC</u>	10 Asbestos-cement
2 Brass	4 Galvanized steel	6 Concrete tile	8 RMP (SR)	11 Other (specify) .....
			9 ABS	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) .....	ft.

SCREEN-PERFORATED INTERVALS: From ..... 10 ft. to ..... 20 ft., From ..... ft. to ..... ft.  
 From ..... ft. to ..... ft., From ..... ft. to ..... ft.  
 GRAVEL PACK INTERVALS: From ..... 8 ft. to ..... 20 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 .....

Grout Intervals: From ..... 1 ft. to ..... 8 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)
			13 Insecticide storage	<u>Liquid Fertilizer Spill Area</u>

Direction from well? ..... How many feet? .....

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0'	1'	Brownish, silty			
1'	7.5'	Brown, silty clay			
7.5'	12.5'	Brown, silty, clayey			
12.5'	15'	Brown, silty with more clay, moist			
15'	25'	Brownish, sandy silty, 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) James C. Dan

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, Topeka, Kansas 66620-0001. Telephone 785-296-5524. Send one to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well.