

Form WWC-5

Division of Water Resources App. No.

1 LOCATION OF WATER WELL: County: Franklin Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here ☐ Approximately 2,510' N and 400' E of Highway 68 and Indiana Road, east of Ottawa.		Fraction Section Number Township No. Range Number ¼ NW ¼ NW ¼ SW ¼ 31 T 16 S R 19 ☒ E ☐ W																																																																									
2 WATER WELL OWNER: BNSF Railway Co. RR#, Street Address, Box #: 4515 Kansas Ave City, State, ZIP Code : Kansas City, KS 66106		Global Positioning System (GPS) information: Latitude: .38.61555..... (in decimal degrees) Longitude: 95.35870..... (in decimal degrees) Elevation: unknown..... Datum: ☒ WGS 84, ☐ NAD 83, ☐ NAD 27 Collection Method: ☒ GPS unit (Make/Model: Garmin Geko 201.....) ☐ Digital Map/Photo, ☐ Topographic Map, ☐ Land Survey Est. Accuracy: ☐ <3 m, ☐ 3-5 m, ☒ 5-15 m, ☐ >15 m																																																																									
3 LOCATE WELL WITH AN "X" IN SECTION BOX: 		4 DEPTH OF COMPLETED WELL 50 ft. Depth(s) Groundwater Encountered (1).N/A..... ft. (2)..... ft. (3)..... ft. WELL'S STATIC WATER LEVEL. unknown..... ft. below land surface measured on mo/day/yr..... 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 12.....in. to 10.....ft., and 6.....in. to 50.....ft. WELL WATER TO BE USED AS: ☐ Public water supply ☐ Geothermal ☐ Injection well ☐ Domestic ☐ Feedlot ☐ Oil field water supply ☐ Dewatering ☐ Other (Specify below) ☐ Irrigation ☐ Industrial ☐ Domestic-lawn & garden ☒ 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 CASING USED: ☐ Steel ☒ PVC ☐ Other, CASING JOINTS: ☐ Glued ☐ Clamped ☐ Welded ☒ Threaded Casing diameter 2.049..... in. to 15..... ft., Diameter 7.943..... in. to 10..... ft., Diameter in. to ft. Casing height above land surface 39.6(2")/0(8")..... in., Weight 0.682/5.305 lbs./ft., Wall thickness or gauge No. 0.163 / 0.341" TYPE OF SCREEN OR PERFORATION MATERIAL: ☐ Steel ☐ Stainless Steel ☒ PVC ☐ Other (Specify) ☐ Brass ☐ Galvanized Steel ☐ None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: ☐ Continuous slot ☒ Mill slot ☐ Gauze wrapped ☐ Torch cut ☐ Drilled holes ☐ None (open hole) ☐ Louvered shutter ☐ Key punched ☐ Wire wrapped ☐ Saw cut ☐ Other (specify) SCREEN-PERFORATED INTERVALS: From 15..... ft. to 50..... ft., From ft. to ft. From ft. to ft., From ft. to ft. GRAVEL PACK INTERVALS: From 13..... ft. to 50..... ft., From ft. to ft. From ft. to ft., From ft. to ft.																																																																											
6 GROUT MATERIAL: ☐ Neat cement ☐ Cement grout ☒ Bentonite ☐ Other, Grout Intervals: From 0..... ft. to 13..... ft., From ft. to ft., From ft. to ft. What is the nearest source of possible contamination: ☐ Septic tank ☐ Lateral lines ☐ Pit privy ☐ Livestock pens ☐ Insecticide storage ☒ Other (specify below) ☐ Sewer lines ☐ Cesspool ☐ Sewage lagoon ☐ Fuel storage ☐ Abandoned water well ☐ Watertight sewer lines ☐ Seepage pit ☐ Feedyard ☐ Fertilizer storage ☐ Oil well/gas well railcar release Direction from well W..... Distance from well approximately 125' <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>FROM</th> <th>TO</th> <th>LITHOLOGIC LOG</th> <th>FROM</th> <th>TO</th> <th>LITHO. LOG (cont.) or PLUGGING INTERVALS</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>10</td> <td>Clay, moist</td> <td></td> <td></td> <td></td> </tr> <tr> <td>10</td> <td>50</td> <td>Gray shale w/ black laminations</td> <td></td> <td></td> <td></td> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>				FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS	0	10	Clay, moist				10	50	Gray shale w/ black laminations																																																									
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7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was ☒ constructed, ☐ reconstructed, or ☐ plugged under my jurisdiction and was completed on (mo/day/year) 1/10/09..... and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 616..... This Water Well Record was completed on (mo/day/year) 5/22/09..... under the business name of Thiele Geotech, Inc. by (signature) [Signature]																																																																											
INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks and check the correct answers. Send three copies (white, blue, pink) to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one copy to WATER WELL OWNER and retain one for your records. Include fee of \$5.00 for each constructed well. Visit us at http://www.kdheks.gov/waterwell/index.html.																																																																											