

WATER WELL RECORD *MW-1* Form WWC-5

Division of Water Resources App. No.

1 LOCATION OF WATER WELL: County: Franklin	Fraction ¼ NW ¼ NW ¼ SW ¼	Section Number 31	Township No. T 16 S	Range Number R 19 ☒ E ☐ W
Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here ☐ Approximately 2,610' N and 190' E of Highway 68 and Indiana Road, east of Ottawa.		Global Positioning System (GPS) information: Latitude: 38.61579..... (in decimal degrees) Longitude: 95.35948..... (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		
2 WATER WELL OWNER: BNSF Railway Co. RR#, Street Address, Box #: 4515 Kansas Ave City, State, ZIP Code : Kansas City, KS 66106				

3 LOCATE WELL WITH AN "X" IN SECTION BOX: 	4 DEPTH OF COMPLETED WELL 77 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 26..... ft., and 6..... in. to 77..... 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
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5 TYPE OF CASING USED: ☐ Steel ☒ PVC ☐ Other

CASING JOINTS: ☐ Glued ☐ Clamped ☐ Welded ☒ Threaded

Casing diameter 2.049..... in. to 32..... ft., Diameter 7.943..... in. to 26..... ft., Diameter in. to ft.
 Casing height above land surface 0..... 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 32..... ft. to 67..... ft., From ft. to ft.
 From ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From 30..... ft. to 67..... 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 30..... ft., From 67..... ft. to 77..... 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 S.S.E. Distance from well approximately 75'

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	10	Clay, plastic, moist			
10	26	Clay, friable			
26	76	Gray shale w/ black laminations			
76	77	Limestone			

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) 1/9/09..... 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) *D. J. Lee*

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>.