

**WATER WELL RECORD**

**Form WWC-5**

Division of Water Resources App. No.

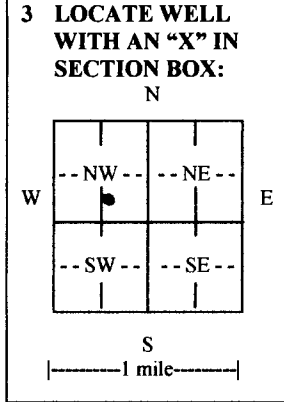
48780

<b>1 LOCATION OF WATER WELL:</b> County: <u>Ottawa</u>	Fraction <u>NW 1/4 SW 1/4 SE 1/4 NW 1/4</u>	Section Number <u>13</u>	Township No. <u>T 10 S</u>	Range Number <u>R 4</u> <input type="checkbox"/> E <input checked="" type="checkbox"/> W
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Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here .  
From Minneapolis 4N 1W 3/4N ESR 1/4 mile in field.

**Global Positioning System (GPS) information:**  
Latitude: 39.18393 (in decimal degrees)  
Longitude: 097.71934 (in decimal degrees)  
Elevation: 1293  
Datum:  WGS 84,  NAD 83,  NAD 27  
Collection Method:  
 GPS unit (Make/Model: Garmin 62S)  
 Digital Map/Photo,  Topographic Map,  Land Survey  
Est. Accuracy:  <3 m,  3-5 m,  5-15 m,  >15 m

**2 WATER WELL OWNER:** Carolyn Afani Ruzik  
RR#, Street Address, Box #: 417 Meadowlark Dr.  
City, State, ZIP Code : Minneapolis, Kansas 67467



**4 DEPTH OF COMPLETED WELL** 197 ft.

Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft.  
WELL'S STATIC WATER LEVEL 40 ft. below land surface measured on mo/day/yr. 4/23/2015  
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 30 in. to 197 ft., and..... in. to..... 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 16 in. to 130 ft., Diameter 16 in. to 190-197 ft., Diameter..... in. to..... ft.  
Casing height above land surface 24 in., Weight SCH40 lbs./ft., Wall thickness or gauge No. 500  
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 130 ft. to 190 ft., From..... ft. to..... ft.  
From..... ft. to..... ft., From..... ft. to..... ft.  
GRAVEL PACK INTERVALS: From 197 ft. to 20 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 20 ft. to 0 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 n/a  
Direction from well..... Distance from well.....

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	3	Top soil	80	103	Sandstone/strks. of shale 80/20
3	12	Tan clay	103	145	Sandstone /silt strk. of hard
12	20	Tan clay sandy	145	153	Sandstone coarse
20	33	Tan clay silty	153	154	Sandstone hard
33	34	Sand	154	160	Sandstone-soft w/strk. of gray sand
34	40	Tan clay-soft	160	197	Sandstone w/strks. of coal & iron
40	54	Fine-small sand			pyrite
54	66	Gray shale-hard			
66	68	Gray shale w/sandstone strk.			
68	80	Gray shale/strks. of sandstone			

**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) 4/24/2015 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 134. This Water Well Record was completed on (mo/day/year) 4/30/2015 under the business name of Rosencrantz-Bemis Ent. 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 785-296-5524. 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>.