

Well # 9 - Replacement

WATER WELL RECORD

Form WWC-5

Division of Water Resources; App. No.

1 LOCATION OF WATER WELL: County: Ottawa, Fraction NE 1/4 NE 1/4 NE 1/4, Section Number 1, Township Number T 11 S, Range Number R 4 X

2 WATER WELL OWNER: City of Minneapolis, RR#, St. Address, Box #: 218 No. Rock St, City, State, ZIP Code: Minneapolis, KS 67467

3 LOCATE WELL'S LOCATION WITH AN 'X' IN SECTION BOX: [Diagram showing NW, NE, SW, SE quadrants with an 'X' in the NE quadrant]
4 DEPTH OF COMPLETED WELL: 208 ft.
Depth(s) Groundwater Encountered (1) 79.2 ft. (2) ... (3) ...
WELL'S STATIC WATER LEVEL: 79.2 ft. below land surface measured on mo/day/yr.
Pump test data: Well water was 129.56 ft. after 8 hours pumping 700 gpm.
Est. Yield 500 gpm: Well water was ... ft. after ... hours pumping ... gpm.
WELL WATER TO BE USED AS: Public water supply, Air conditioning, 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. 4/12/10. Water well disinfected? Yes. No.

5 TYPE OF CASING USED: 1 Steel, 2 PVC, 3 RMP (SR), 4 ABS, 5 Wrought Iron, 6 Asbestos-Cement, 7 Fiberglass, 8 Concrete tile, 9 Other (specify below) Certa-Lok, CASING JOINTS: Glued, Clamped, Welded, Threaded.
Blank casing diameter 16 in. to 148 ft., Diameter ... in. to ... ft., Diameter ... in. to ... ft.
Casing height above land surface ... in., Weight 24.95 lbs./ft. Wall thickness or gauge No. SDR 21.
TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel, 2 Brass, 3 Stainless Steel, 4 Galvanized Steel, 5 Fiberglass, 6 Concrete tile, 7 PVC, 8 RM (SR), 9 ABS, 10 Asbestos-Cement, 11 Other (Specify), 12 None used (open hole).
SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot, 2 Louvered shutter, 3 Mill slot, 4 Key punched, 5 Gauzed wrapped, 6 Wire wrapped, 7 Torch cut, 8 Saw Cut, 9 Drilled holes, 10 Other (specify), 11 None (open hole).
SCREEN-PERFORATED INTERVALS: From 208 ft. to 148 ft., From ... ft. to ... ft., From ... ft. to ... ft.
GRAVEL PACK INTERVALS: From 209 ft. to 80 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 27 ft. to 7 ft., From 80 ft. to 27 ft., From ... ft. to ... ft.
What is the nearest source of possible contamination: 1 Septic tank, 2 Sewer lines, 3 Watertight sewer lines, 4 Lateral lines, 5 Cess pool, 6 Seepage pit, 7 Pit privy, 8 Sewage lagoon, 9 Feedyard, 10 Livestock pens, 11 Fuel storage, 12 Fertilizer Storage, 13 Insecticide Storage, 14 Abandoned water well, 15 Oil well/gas well, 16 Other (specify below) None known.
Direction from well? How many feet?

Table with columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, PLUGGING INTERVALS. Rows describe geological layers from 0 to 209 ft 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) 7/16/10 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 102. This Water Well Record was completed on (mo/day/year) 4/12/10 under the business name of LAYNE CHRISTENSEN COMP. by (signature).

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, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well. Visit us at http://www.kdhe.state.ks.us/geo/waterwells.