

(COPY)

1 LOCATION OF WATER WELL
 County: Ottawa Fraction 1/4 SW 1/4 NW 1/4 Section Number 6 Township Number T 11 S Range Number R 3 W

Distance and direction from nearest town or city? at water tower at 8th & Argyle Street address of well if located within city? 8TH & ARGYLE

2 WATER WELL OWNER: City Water Department Well 6A
 RR#, St. Address, Box #: City Hall Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: Minneapolis, Kansas 67467 Application Number:

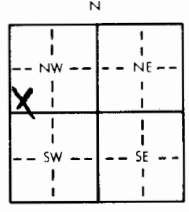
3 DEPTH OF COMPLETED WELL: 212 ft. Bore Hole Diameter: 30 in. to ... ft., and ... in. to ... ft.
 Well Water to be used as:
 1 Domestic 3 Feedlot 5 Public water supply 8 Air conditioning 11 Injection well
 2 Irrigation 4 Industrial 6 Oil field water supply 9 Dewatering 12 Other (Specify below)
 7 Lawn and garden only 10 Observation well
 Well's static water level: 87 ft. below land surface measured on MAY month 21 day 1981 year
 Pump Test Data: Well water was 116 ft. after 6 hours pumping 449 gpm
 Est. Yield 550 gpm: Well water was ... ft. after ... hours pumping ... gpm

4 TYPE OF BLANK CASING USED:
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile Casing Joints: Glued ... Clamped ...
2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded
 7 Fiberglass Threaded.
 Blank casing dia: 12 in. to 152 ft., Dia ... in. to ... ft., Dia ... in. to ... ft.
 Casing height above land surface: 36 in., weight 43.7 lbs./ft. Wall thickness or gauge No: 330
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement
2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 11 Other (specify) ...
 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) ...
 Screen-Perforation Dia: 12 in. to 152 ft., Dia ... in. to ... ft., Dia ... in. to ... ft.
 Screen-Perforated Intervals: From 152 ft. to 212 ft., From ... ft. to ... ft., From ... ft. to ... ft.
 Gravel Pack Intervals: From 20 ft. to 212 ft., From ... ft. to ... ft., From ... ft. to ... ft.

5 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other ...
 Grouted Intervals: From 0 ft. to 20 ft., From ... ft. to ... ft., From ... ft. to ... ft.
 What is the nearest source of possible contamination:
 1 Septic tank 4 Cess pool 7 Sewage lagoon 10 Fuel storage 14 Abandoned water well
2 Sewer lines 5 Seepage pit 8 Feed yard 11 Fertilizer storage 15 Oil well/Gas well
 3 Lateral lines 6 Pit privy 9 Livestock pens 12 Insecticide storage 16 Other (specify below)
 13 Watertight sewer lines
 Direction from well: EAST How many feet: 110 ? Water Well Disinfected? Yes No
 Was a chemical/bacteriological sample submitted to Department? Yes No If yes, date sample was submitted ... month ... day ... year Pump Installed? Yes No
 If Yes: Pump Manufacturer's name: LAYNE & BOWLER Model No: TF613 HP 50 Volts 200/460
 Depth of Pump Intake: 180 FT ft. Pumps Capacity rated at: 500 gal./min.
 Type of pump: 1 Submersible 2 Turbine 3 Jet 4 Centrifugal 5 Reciprocating 6 Other

6 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1 constructed, 2 reconstructed, or 3) plugged under my jurisdiction and was completed on JUNE month 10 day 1981 year
 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 JUNE month 29 day 81 year under the business name of Layne Western Co., Inc. by (signature) Dennis Appleby

7 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:



FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	4	Top soil			
4	25	Med. sand & gravel			
25	35	Gray clay			
35	40	Tan clay			
40	50	Gray clay & sandstone			
50	185	Sandstone			
185	190	Sandstone & iron pyrite			
190	212	Sandstone			
212		Iron Pyrite			

ELEVATION: 1321

Depth(s) Groundwater Encountered 1. ... ft. 2. ... ft. 3. ... ft. 4. ... ft. (Use a second sheet if needed)

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, Division of Environment, Water Well Contractors, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY