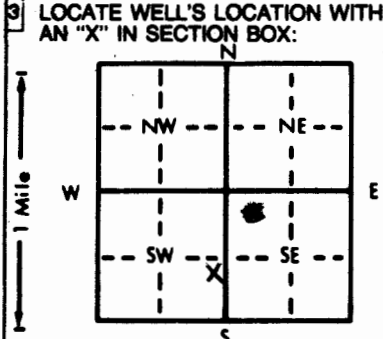


1 LOCATION OF WATER WELL: Fraction **NE 1/4 SE 1/4 SW 1/4** Section Number **9** Township Number **T 10 S** Range Number **R 8 E**
 County: **RILEY**

Distance and direction from nearest town or city street address of well if located within city?
M EAST OF MANHATTAN KS

2 WATER WELL OWNER: **CITY OF MANHATTAN KS** Board of Agriculture, Division of Water Resources
 RR#, St. Address, Box # **PO BOX 748** Application Number: **16353**
 City, State, ZIP Code **MANHATTAN KS 66502**



4 DEPTH OF COMPLETED WELL **78' 8"** ft. ELEVATION: **1020.0**
 Depth(s) Groundwater Encountered 1. **12'** ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL **10' 8"** ft. below land surface measured on mo/day/yr **4/30/87**
 Pump test data: Well water was **16' 4"** ft. after **1** hours pumping **1500** gpm
 Est. Yield **1500** gpm: Well water was **16' 10"** ft. after **24** hours pumping **1500** gpm
 Bore Hole Diameter **60** in. to **30** ft., and **48** in. to **68** 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 7 Lawn and garden only 10 Observation well 12 Other (Specify below)
 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 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) **WORKED**
 Blank casing diameter **24** in. to **38** ft., Dia **42** in. to **20** ft., Dia
 Casing height above land surface **10' 8"** in., weight lbs./ft. Wall thickness or gauge No. **438**
 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 12 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE:
 1 Continuous slot 3 Mill slot **6** Wire wrapped 8 Saw cut 11 None (open hole)
 2 Louvered shutter 4 Key punched 7 Torch cut 9 Drilled holes 10 Other (specify)
 SCREEN-PERFORATED INTERVALS: From **68** ft. to **38** ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From **68** ft. to **144** ft., From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement **2** Cement grout 3 Bentonite 4 Other
 Grout intervals: From ft. to **20** ft., From **5** ft. to ft., From ft. to ft.
 What is the nearest source of possible contamination:
 1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/Gas well
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage **16** Other (specify below) **BLUE RIVER**
 Direction from well? **None** How many feet? **None**

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
2	2	TOP SOIL			
2	17	SANDY BROWN CLAY			
17	67	Med to coarse SAND & GRAVEL w/ FIAT ROCKS			
67	68	SHALE			

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) **7/16/87** 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/yr) **8/16/87** under the business name of **LAYNE-WESTERN CO INC. Wichita, Kansas**
 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, Office of Oil Field and Environmental Geology, Regulation and Permitting Section, Topeka, Kansas 66620-7500, Telephone: 913-862-9380. Send one to WATER WELL OWNER and retain one for your records.