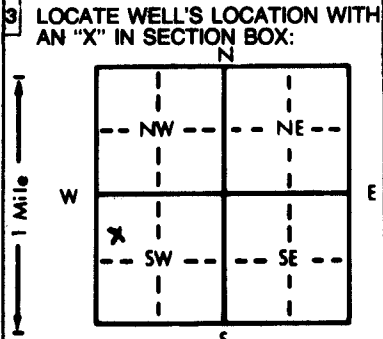


1 LOCATION OF WATER WELL: County: RILEY Fraction: NW 1/4 NW 1/4 SW 1/4 Section Number: 9 Township Number: T 10 S Range Number: R 8 EW

Distance and direction from nearest town or city street address of well if located within city? EAST OF CITY OF MANHATTAN WELL - 19

2 WATER WELL OWNER: CITY OF MANHATTAN RR#, St. Address, Box #: P.O. BOX 748 City, State, ZIP Code: MANHATTAN, KS 66502 Board of Agriculture, Division of Water Resources Application Number: 3002537826



3 LOCATE WELL'S LOCATION WITH AN 'X' IN SECTION BOX: DEPTH OF COMPLETED WELL: 87 ft. ELEVATION: 1020 + 0. WELL'S STATIC WATER LEVEL: 1.3 ft. below land surface measured on mo/day/yr 4/30/87. Pump test data: Well water was 19'8" ft. after 1 hours pumping 1500 gpm. Est. Yield 1500 gpm: Well water was 20'5" ft. after 12 hours pumping 1500 gpm. Bore Hole Diameter: 60 in. to 20 ft., and 48 in. to 68 ft. 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, Lawn and garden only, Observation well. Was a chemical/bacteriological sample submitted to Department? Yes/No. Water Well Disinfected? Yes/No.

5 TYPE OF BLANK CASING USED: Steel, RMP (SR), PVC, ABS, Wrought iron, Concrete tile, Asbestos-Cement, Other (specify below), Fiberglass, STAINLESS STEEL. Blank casing diameter: 2.4 in. to 38 ft., Dia 42 in. to 20 ft., Dia in. to ft. Casing height above land surface: 16 in., weight lbs./ft. Wall thickness or gauge No. 4.38.

TYPE OF SCREEN OR PERFORATION MATERIAL: Steel, Stainless steel, Brass, Galvanized steel, Fiberglass, Concrete tile, PVC, RMP (SR), ABS, Asbestos-cement, Other (specify), None used (open hole).

SCREEN OR PERFORATION OPENINGS ARE: Continuous slot, Mill slot, Louvered shutter, Key punched, Gauzed wrapped, Wire wrapped, Torch cut, Saw cut, Drilled holes, Other (specify). SCREEN-PERFORATED INTERVALS: From 68 ft. to 38 ft. GRAVEL PACK INTERVALS: From 68 ft. to 1' 16L ft.

6 GROUT MATERIAL: Neat cement, Cement grout, Bentonite, Other. Grout Intervals: From 20 ft. to 586L ft. What is the nearest source of possible contamination: Septic tank, Lateral lines, Sewer lines, Cess pool, Watertight sewer lines, Pit privy, Sewage lagoon, Feedyard, Livestock pens, Fuel storage, Fertilizer storage, Insecticide storage, Abandoned water well, Oil well/Gas well, Other (specify below) 86 BLUE RIVER. NONE. How many feet?

Table with columns: FROM, TO, LITHOLOGIC LOG. Rows: 0-2' TOP SOIL, 2'-10' BROWN CLAY, 10'-65' Med to Coarse Sand & Gravel, 65'-67' GRAY CLAY, 67'-68' SHALE.

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 7/6/87 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) under the business name of LOYNE-URSTEEN Co INC, Wichita by (signature) BWA. INSTRUCTIONS: Use typewriter or ballpoint pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answer. 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: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.

12-860000142