

WATER WELL RECORD

Form WWC-5

Division of Water Resources; App. No.

1 LOCATION OF WATER WELL: County: POTTAWATOMIE Fraction SW 1/4 SE 1/4 NW 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? 1/2 MILE NORTH 1/2 MILE EAST OF INTERSECTION OF HIGHWAY 24 AND LEVET DRIVE Global Positioning Systems (decimal degrees, min. of 4 digits) Latitude: 31 811.31 Longitude: 172 87 00.65

2 WATER WELL OWNER: CITY OF MANHATTAN RR#, St. Address, Box #: 1101. POYNTE AVE City, State, ZIP Code: MANHATTAN, KANSAS 66502 Elevation: Datum: Data Collection Method:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: N E S W

4 DEPTH OF COMPLETED WELL 7.8 ft. Depth(s) Groundwater Encountered (1) 22.5 ft. (2) ft. (3) ft. WELL'S STATIC WATER LEVEL 22.5 ft. below land surface measured on mo/day/yr. 2-21-08 Pump test data: Well water was ft. after hours pumping gpm Est. Yield 700 gpm: Well water was 27.39 ft. after 4.8 hours pumping 700 gpm

5 TYPE OF CASING USED: 1 Steel 3 RMP (SR) 6 Asbestos-Cement 8 Concrete tile CASING JOINTS: Glued Clamped Welded Threaded 2 PVC 4 ABS 7 Fiberglass 9 Other (specify below)

Blank casing diameter 8 in. to 4.8 ft., Diameter in. to ft., Diameter in. to ft. Casing height above land surface 24 in., Weight lbs./ft. Wall thickness or gauge No.

TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 3 Stainless Steel 5 Fiberglass 7 PVC 9 ABS 11 Other (Specify) 2 Brass 4 Galvanized Steel 6 Concrete tile 8 RM (SR) 10 Asbestos-Cement 12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot 3 Mill slot 5 Guazed wrapped 7 Torch cut 9 Drilled holes 11 None (open hole) 2 Louvered shutter 4 Key punched 6 Wire wrapped 8 Saw Cut 10 Other (specify)

SCREEN-PERFORATED INTERVALS: From 48 ft. to 73 ft., From ft. to ft. From ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From 43 ft. to 7.8 ft., From ft. to ft. From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other Grout Intervals: 1 From 0 ft. to 41 ft., From 41 ft. to 43 ft., From ft. to ft.

What is the nearest source of possible contamination: N/A 3 1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 13 Insecticide Storage 16 Other (specify) 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 14 Abandoned water well below 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer Storage 15 Oil well/gas well

Direction from well? How many feet?

Table with columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, PLUGGING INTERVALS. Rows include: 0-2 Top Soil, 2-16.5 Grey Brown Silty Clay / Sand, 16.5-29.5 Brown Medium / Coarse Sand Gravel, 29.5-30 Grey Silty Clay, 30-34 Brown Fine / Medium Sand, 34-36 Grey Clay, 36-40 Grey Medium Sand / Coarse Sand, 40-46 Grey Medium Coarse Sand, 46-70 Grey Sand / Gravel / Cobbles, 70-78 Stone

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) 7-24-08 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 1072 This Water Well Record was completed on (mo/day/year) 3-13-08 under the business name of LAYNE CHRISTENSEN COMPANY by (signature) Jay Selge

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.