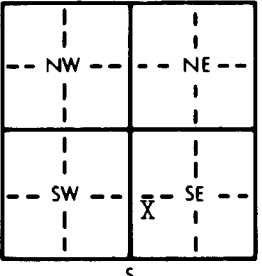


1 LOCATION OF WATER WELL: 161 Fraction NW 1/4 SW 1/4 SE 1/4 Section Number 31 Township Number T 9S S Range Number R 8E E/W  
 County: Riley  
 Distance and direction from nearest town or city street address of well if located within city?  
1/2 mile north of Manhattan

2 WATER WELL OWNER: Russell Howse Flint Hills Valley Addition  
 RR#, St. Address, Box #: 3630 Dickens Ave. Board of Agriculture, Division of Water Resources  
 City, State, ZIP Code: Manhattan, KS 66502 LOT #15 Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  
  
 4 DEPTH OF COMPLETED WELL: 40' ft. ELEVATION:  
 Depth(s) Groundwater Encountered 1. 25' ft. 2. 25' ft. 3. 5-11-84 ft.  
 WELL'S STATIC WATER LEVEL 25' ft. below land surface measured on mo/day/yr 5-11-84  
 Pump test data: Well water was 20 gpm after 20 hours pumping 20 gpm  
 Est. Yield 20 gpm: Well water was 20 ft. after 20 hours pumping 20 gpm  
 Bore Hole Diameter 20 in. to 20 ft., and 20 in. to 20 ft.  
 WELL WATER TO BE USED AS:  
 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)  
 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Observation well  
 Was a chemical/bacteriological sample submitted to Department? Yes No No X If yes, mo/day/yr sample was submitted  
 Water Well Disinfected? Yes X No

5 TYPE OF BLANK CASING USED:  
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued X Clamped  
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded  
 7 Fiberglass Threaded  
 Blank casing diameter 5 in. to 0-27 ft., Dia 5 in. to 37-40 ft., Dia 5 in. to 5 ft.  
 Casing height above land surface 24 in., weight 2.82 lbs./ft. Wall thickness or gauge No. 258  
 TYPE OF SCREEN OR PERFORATION MATERIAL:  
 1 Steel 3 Stainless steel 5 Fiberglass 7 PVC 10 Asbestos-cement  
 2 Brass 4 Galvanized steel 6 Concrete tile 8 RMP (SR) 11 Other (specify)  
 9 ABS 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-PERFORATED INTERVALS: From 27' ft. to 37' ft., From 27' ft. to 37' ft.  
 From 27' ft. to 37' ft., From 27' ft. to 37' ft.  
 GRAVEL PACK INTERVALS: From 10' ft. to 40' ft., From 10' ft. to 40' ft.  
 From 10' ft. to 40' ft., From 10' ft. to 40' ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other  
 Grout Intervals: From 0 ft. to 10 ft., From 0 ft. to 10 ft., From 0 ft. to 10 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)  
 13 Insecticide storage  
 Direction from well? West How many feet? 150'

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	6	Top Soil			
6	26	Clay, Brown			
26	30	Fine Sand, Yellow, Brown			
30	37	Fine Sand, Coarse Sand, Medium Gravel, Brown			
37	40	Fine Sand, Coarse Sand, Medium Gravel, Green			

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) 5-11-84 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 182 This Water Well Record was completed on (mo/day/yr) 6-07-84 under the business name of Strader Drilling Co., Inc. by (signature) Dale Eskren  
 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, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY  
 T  
 9  
 R  
 8  
 DW  
 SEC.  
 31  
 NW 1/4  
 SW 1/4  
 SE 1/4

DP