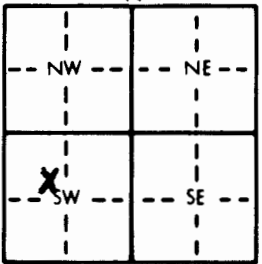


1 LOCATION OF WATER WELL: County: CLAY Fraction: SE 1/4 NW 1/4 SW 1/4 Section Number: 20 Township Number: T 10 S Range Number: R 4 E  
 Distance and direction from nearest town or city street address of well if located within city? 837 + Then 1/2 mile North 6 miles So. OF WAKFIELD on Highway

2 WATER WELL OWNER: DICK ROOT  
 RR#, St. Address, Box #: RR#1 Box 237 Board of Agriculture, Division of Water Resources  
 City, State, ZIP Code: WAKFIELD, KS 67487 Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  
  
 4 DEPTH OF COMPLETED WELL: 140' ft. ELEVATION:  
 Depth(s) Groundwater Encountered 1. 95' ft. 2. \_\_\_\_\_ ft. 3. \_\_\_\_\_ ft.  
 WELL'S STATIC WATER LEVEL: 90' ft. below land surface measured on mo/day/yr  
 Pump test data: Well water was \_\_\_\_\_ ft. after \_\_\_\_\_ hours pumping \_\_\_\_\_ gpm  
 Est. Yield: 15 gpm: Well water was \_\_\_\_\_ ft. after \_\_\_\_\_ hours pumping \_\_\_\_\_ gpm  
 Bore Hole Diameter: 8 in. to 140' ft., and \_\_\_\_\_ in. to \_\_\_\_\_ ft.  
 WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well  
 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 Monitoring well  
 Was a chemical/bacteriological sample submitted to Department? Yes \_\_\_\_\_ No Yes If yes, mo/day/yr sample was submitted \_\_\_\_\_ Water Well Disinfected? Yes Yes No

5 TYPE OF CASING USED: 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued & Scrapped Clamped  
2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded Threaded  
 Blank casing diameter: 5 in. to 120 ft., Dia \_\_\_\_\_ in. to \_\_\_\_\_ ft., Dia \_\_\_\_\_ in. to \_\_\_\_\_ ft.  
 Casing height above land surface: 2 in., weight Sch. 40 lbs./ft. Wall thickness or gauge No. \_\_\_\_\_  
 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 31/1000's 5 Gauzed 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 120 ft. to 140 ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 GRAVEL PACK INTERVALS: From 20 ft. to 140 ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other \_\_\_\_\_  
 Grout Intervals: From 0 ft. to 20 ft., From \_\_\_\_\_ ft. to Annular plug ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 What is the nearest source of possible contamination: 1 Septic tank 4 Lateral lines 7 Pit privy 11 Fuel storage 15 Oil well/Gas well  
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage 16 Other (specify below)  
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage  
 Direction from well? 170' North How many feet? 170'

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	6	Rock	124	140	Rock + Shale
6	8	Brown Shale			
8	19	Yellow-Clay			
19	24	Rock			
24	35	Yellow Shale			
35	58	Brown Shale			
58	61	Rock			
61	63	Brown Shale			
63	74	Rock			
74	83	Grey Shale			
83	88	Brown Shale			
88	92	Rock			
92	95	Shale Brown			
95	108	Rock (Water)			
108	124	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) 5/23/89 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 451 This Water Well Record was completed on (mo/day/yr) 5/29/89 under the business name of Haldeman Well Drilling by (signature) Craig A. CWD/PT