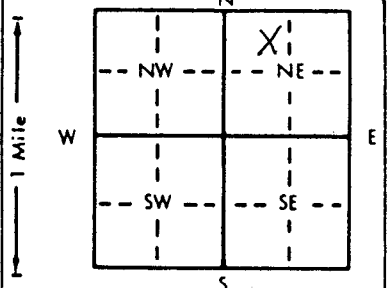


1 LOCATION OF WATER WELL: County: HAMILTON Fraction: NE 1/4 NE 1/4 NW 1/4 Section Number: 21 Township Number: T 23 S Range Number: R 42 E

Distance and direction from nearest town or city street address of well if located within city?  
4 mi EAST COOLIDGE (WELL # 3)

2 WATER WELL OWNER: Robert HELFRICH  
 RR#, St. Address, Box #: Box 8 Board of Agriculture, Division of Water Resources  
 City, State, ZIP Code: Syracuse KS 67878 Application Number: 41831

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



4 DEPTH OF COMPLETED WELL: 373 ft. ELEVATION: \_\_\_\_\_

Depth(s) Groundwater Encountered 1. 170 ft. 2. \_\_\_\_\_ ft. 3. \_\_\_\_\_ ft.  
 WELL'S STATIC WATER LEVEL \_\_\_\_\_ ft. below land surface measured on mo/day/yr  
 Pump test data: Well water was \_\_\_\_\_ ft. after \_\_\_\_\_ hours pumping \_\_\_\_\_ gpm  
 Est. Yield 100 gpm: Well water was \_\_\_\_\_ ft. after \_\_\_\_\_ hours pumping \_\_\_\_\_ gpm  
 Bore Hole Diameter \_\_\_\_\_ in. to \_\_\_\_\_ 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 \_\_\_\_\_ Dairy  
 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)  Welded \_\_\_\_\_  
 7 Fiberglass \_\_\_\_\_ Threaded \_\_\_\_\_

Blank casing diameter 24 in. to 34 ft., Dia. 12 in. to 259 ft., Dia. \_\_\_\_\_ in. to \_\_\_\_\_ ft.  
 Casing height above land surface \_\_\_\_\_ in., weight \_\_\_\_\_ lbs./ft. Wall thickness or gauge No. \_\_\_\_\_

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) \_\_\_\_\_  
 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 299 ft. to 229 ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 From 373 ft. to 333 ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 GRAVEL PACK INTERVALS: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

6 GROUT MATERIAL:  1 Neat cement  2 Cement grout  3 Bentonite  4 Other \_\_\_\_\_  
 Grout Intervals: From 20 ft. to Top ft., From \_\_\_\_\_ 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)  
 13 Insecticide storage

Direction from well? \_\_\_\_\_ How many feet? \_\_\_\_\_

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	25	Top + clay			
25	180	Shale			
180	232	Sand stone			
232	251	Shale			
251	256	Sand Stone			
256	315	Shale			
315	367	Sand Stone			
367	373	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) 11-7-96 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 123 This Water Well Record was completed on (mo/day/yr) 11-20-96 under the business name of Ark Valley Pump + Supply by (signature) \_\_\_\_\_