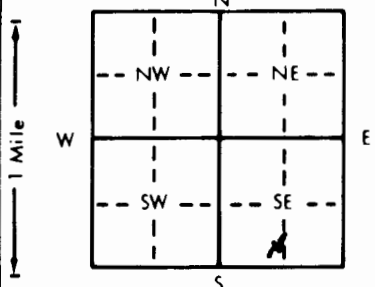


1 LOCATION OF WATER WELL: County: RILEY Fraction: SE 1/4 SW 1/4 SE 1/4 Section Number: 1 Township Number: T 10 S Range Number: R 7 E/W

Distance and direction from nearest town or city street address of well if located within city?  
KSU HAZARDOUS WASTE LANDFILL, MANHATTAN, KS

2 WATER WELL OWNER: KSU DEPT PUBLIC SAFETY Board of Agriculture, Division of Water Resources  
 RR#, St. Address, Box #: KANSAS STATE UNIVERSITY Application Number: MW-10  
 City, State, ZIP Code: MANHATTAN, KS

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



4 DEPTH OF COMPLETED WELL: 20 ft. ELEVATION: \_\_\_\_\_  
 Depth(s) Groundwater Encountered: 1. 21 ft. 2. \_\_\_\_\_ ft. 3. \_\_\_\_\_ ft.  
 WELL'S STATIC WATER LEVEL: 11.2 ft. below land surface measured on mo/day/yr 10-24-90

Pump test data: Well water was \_\_\_\_\_ ft. after \_\_\_\_\_ hours pumping \_\_\_\_\_ gpm  
 Est. Yield \_\_\_\_\_ gpm: Well water was \_\_\_\_\_ ft. after \_\_\_\_\_ hours pumping \_\_\_\_\_ gpm  
 Bore Hole Diameter: 10 in. to 21 in. to \_\_\_\_\_ in. to \_\_\_\_\_ in. to \_\_\_\_\_ in. to \_\_\_\_\_ in.  
 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  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 \_\_\_\_\_  
STAINLESS STEEL Threaded

Blank casing diameter: 2 in. to 10 in. to \_\_\_\_\_ in. to \_\_\_\_\_ in. to \_\_\_\_\_ in. to \_\_\_\_\_ in. to \_\_\_\_\_ in. to \_\_\_\_\_ in.  
 Casing height above land surface: 30 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 10 ft. to 20 ft. From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 GRAVEL PACK INTERVALS: From 8 ft. to 20 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: From 2 ft. to 5.5 ft. From 5.5 ft. to 8 ft. From 20 ft. to 21 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)  
HAZ MAT LANDFILL  
 13 Insecticide storage  
 Direction from well? NW How many feet? 75

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	5	RED BRN CLAYEY SILT	0	2	CONCRETE CAP
5	10	DRK GREYISH BRN CLAYEY SILT	2	5.5	BENT. GROUT
10	16.5	REDDISH BROWN CLAYEY, FINE SANDY SILT MUST - WET	5.5	8.0	BENT PELLETS
16.5	21	TANNISH BRN CLAYEY SAND SATURATED	20	21	BENT CHIPS

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) 10/24/90 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 530 This Water Well Record was completed on (mo/day/yr) 11/05/90 under the business name of SHAMROCK ENV. DRILL. by (signature) Clay B. Wiley