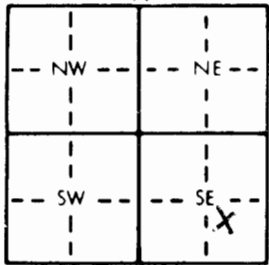


1 LOCATION OF WATER WELL: County: **SHAWNEE** Fraction: **NW 1/4 SE 1/4 SE 1/4** Section Number: **20** Township Number: **T 11 S** Range Number: **R 15 E/W**

Distance and direction from nearest town or city street address of well if located within city?  
**3 MILES WEST OF 75 HWY ON LOWER SILVER LAKE RD**

2 WATER WELL OWNER: **USGS WRD**  
 RR#, St. Address, Box #: **4821 QUAIL CREST PL.**  
 City, State, ZIP Code: **LAURENCE KS 66049**  
 Board of Agriculture, Division of Water Resources  
 Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  
  
 4 DEPTH OF COMPLETED WELL: **27** ft. ELEVATION:  
 Depth(s) Groundwater Encountered 1. **18 ft** 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 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  Observation 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 CAS'NG JOINTS: Glued Clamped  
 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded  
 7 Fiberglass Threaded  
 Blank casing diameter **2** in. to **17** ft. Dia. in. to ft. Dia. in. to ft.  
 Casing height above land surface **24** in. weight lbs. ft. Wall thickness or gauge No. **Sch 40**  
 TYPE OF SCREEN OR PERFORATION MATERIAL:  PVC 10 Asbestos-cement  
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify)  
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole)  
 SCREEN OR PERFORATION OPENINGS ARE:  
 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 **17** ft. to **27** ft. From ft. to ft.  
 GRAVEL PACK INTERVALS: From **16** ft. to **27** ft. From ft. to ft.  
 (NATURAL PACK) From ft. to ft. From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout  Bentonite 4 Other  
 Grout Intervals: From **16** ft. to **Surface** 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)  
 9 Insecticide storage  
 Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	7	FINE SAND DARK - TOPSOIL WITH SOME LAYERS OF SILT			*WELL LOCATED ON THE KSU - AGRONOMY FARM
7	12	COARSER SAND			
12	27	COARSE SAND TO GRAVEL VERY CLEAN UNSORTED			

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) **3/12/91** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. This Water Well Record was completed on (mo/day/yr) **3/13/91** under the business name of **USGS WRD** by (signature) *Dick Hargrave*