

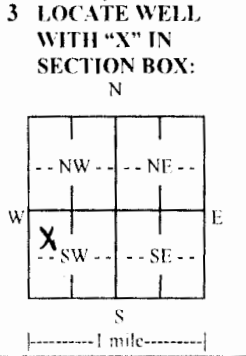
39° 16' 43.259" N  
 95° 31' 55.152" W  
 SB-12  
 MW-9

**WATER WELL RECORD Form WWC-5**

Original Record  Correction  Change in Well Use  
 Division of Water Resources App. No. \_\_\_\_\_ Well ID \_\_\_\_\_

**1 LOCATION OF WATER WELL:**  
 County: Jefferson Fraction: SE 1/4 SE 1/4 NW 1/4 SW 1/4 Section Number: 9 Township Number: T 9 S Range Number: R 17 E Q W

**2 WELL OWNER:** Last Name: \_\_\_\_\_ First: \_\_\_\_\_  
 Business Address: USACE Kansas City District  
 Address: 601 E. 12th St. Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): If at owner's address, check here:   
 City: Kansas City State: Mo. ZIP: 64104 1900' N and 1000' W.



**4 DEPTH OF COMPLETED WELL:** 37 ft.  
 Depth(s) Groundwater Encountered: 1) 20' ft.  
 2) \_\_\_\_\_ ft. 3) \_\_\_\_\_ ft. or 4)  Dry Well  
 WELL'S STATIC WATER LEVEL: \_\_\_\_\_ ft.  
 below land surface, measured on (mo-day-yr) \_\_\_\_\_  
 above land surface, measured on (mo-day-yr) \_\_\_\_\_  
 Pump test data: Well water was NA ft.  
 after \_\_\_\_\_ hours pumping \_\_\_\_\_ gpm  
 Well water was \_\_\_\_\_ ft.  
 after \_\_\_\_\_ hours pumping \_\_\_\_\_ gpm  
 Estimated Yield: \_\_\_\_\_ gpm  
 Bore Hole Diameter: 6 in. to 3.8 ft. and \_\_\_\_\_ in. to \_\_\_\_\_ ft.

**5 Latitude:** 39.2786831 (decimal degrees)  
**Longitude:** -95.5319867 (decimal degrees)  
 Horizontal Datum:  WGS 84  NAD 83  NAD 27  
 Source for Latitude/Longitude:  
 GPS (unit make/model: \_\_\_\_\_ (WAAS enabled?  Yes  No)  
 Land Survey  Topographic Map  
 Online Mapper: \_\_\_\_\_  
**6 Elevation:** \_\_\_\_\_ ft.  Ground Level  TOC  
 Source:  Land Survey  GPS  Topographic Map  
 Other \_\_\_\_\_

**7 WELL WATER TO BE USED AS:**  
 Domestic:  Household  Lawn & Garden  Livestock  Irrigation  Feedlot  Industrial  
 Public Water Supply: well ID \_\_\_\_\_  
 Dewatering: how many wells? \_\_\_\_\_  
 Aquifer Recharge: well ID \_\_\_\_\_  
 Monitoring: well ID \_\_\_\_\_  
 Environmental Remediation: well ID \_\_\_\_\_  
 Air Sparge  Soil Vapor Extraction  Recovery  Injection  
 Oil Field Water Supply: lease \_\_\_\_\_  
 Test Hole: well ID \_\_\_\_\_  
 Cased  Uncased  Geotechnical  
 Geothermal: how many bores? \_\_\_\_\_  
 a) Closed Loop  Horizontal  Vertical  
 b) Open Loop  Surface Discharge  Imp. of Water  
 Other (specify): \_\_\_\_\_

Was a chemical/bacteriological sample submitted to KDHE?  Yes  No If yes, date sample was submitted: \_\_\_\_\_  
 Water well disinfected?  Yes  No

**8 TYPE OF CASING USED:**  Steel  PVC  Other \_\_\_\_\_ CASING JOINTS:  Glued  Clamped  Welded  Threaded  
 Casing diameter 2 in. to 27 ft. Diameter \_\_\_\_\_ in. to \_\_\_\_\_ ft.  
 Casing height above land surface 0.5 in. Weight 70 lbs./ft. Wall thickness or gauge No. Sch. #40

TYPE OF SCREEN OR PERFORATION MATERIAL:  
 Steel  Stainless Steel  Fiberglass  PVC  Other (Specify) \_\_\_\_\_  
 Brass  Galvanized Steel  Concrete tile  None used (open hole)  
 SCREEN OR PERFORATION OPENINGS ARE:  
 Continuous Slot  Mill Slot  Gauze Wrapped  Torch Cut  Drilled Holes  Other (Specify) \_\_\_\_\_  
 Louvered Shutter  Key Punched  Wire Wrapped  Saw Cut  None (Open Hole)  
 SCREEN-PERFORATED INTERVALS: From 27 ft. to 37 ft. From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 GRAVEL PACK INTERVALS: From 25 ft. to 38 ft. From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

**9 GROUT MATERIAL:**  Neat cement  Cement grout  Bentonite  Other Grout  
 Grout Intervals: From 1 ft. to 23 ft. From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

Nearest source of possible contamination:  
 Septic Tank  Lateral Lines  Pit Privy  Livestock Pens  Insecticide Storage  
 Sewer Lines  Cess Pool  Sewage Lagoon  Fuel Storage  Abandoned Water Well  
 Water-tight Sewer Lines  Seepage Pit  Feedyard  Fertilizer Storage  Oil Well/Gas Well  
 Other (Specify) \_\_\_\_\_  
 Direction from well? \_\_\_\_\_ Distance from well? \_\_\_\_\_ ft.

HI	FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
	0	1'	Topsoil			
	1'	26'	Silty clay - some gravel and sand			
	26	30'	Grey Shale			
	30	36	Lime Stone			
	36	38	Shale			
Notes:						

**11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION:** This water well was  constructed, \_\_\_\_\_ constructed, or  plugged under my jurisdiction and was completed on (mo-day-year) 11-03-2016 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 597 This Water Well Record was completed on (mo-day-year) 11-03-2016 under the business name of Cascade Drilling, L.P. Signature Randy Ruelke