

**WATER WELL RECORD Form WWC-5**

Original Record  Correction  Change in Well Use

Division of Water Resources App. No.  

Well ID MW-22

<b>1 LOCATION OF WATER WELL:</b> County: <u>Jefferson</u>	Fraction <u>NE 1/4 NE 1/4 NW 1/4 SW 1/4</u>	Section Number <u>9</u>	Township Number <u>T 9 S</u>	Range Number <u>R 17 E</u> <input checked="" type="checkbox"/> E <input type="checkbox"/> W
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<b>2 WELL OWNER:</b> Last Name: <u>USACE Kansas City District</u> Address: <u>601 E. 12th St.</u> City: <u>Kansas City</u> State: <u>Mo</u> ZIP: <u>64106</u>	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: <input type="checkbox"/> <u>platte Rd- Valley Falls KS.</u>
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<b>3 LOCATE WELL WITH "X" IN SECTION BOX:</b> N W <span style="display: inline-block; border: 1px solid black; padding: 5px; text-align: center;">NW NE X SE</span> E S -----1 mile-----	<b>4 DEPTH OF COMPLETED WELL:</b> ..... <u>22</u> ft. Depth(s) Groundwater Encountered: 1) ..... <u>1.9</u> ft. 2) ..... ft. 3) ..... ft., or 4) <input type="checkbox"/> Dry Well WELL'S STATIC WATER LEVEL: ..... <u>1.9</u> ft. <input checked="" type="checkbox"/> below land surface, measured on (mo-day-yr) <u>02/18/2020</u> <input type="checkbox"/> above land surface, measured on (mo-day-yr) ..... Pump test data: Well water was ..... <u>NA</u> ft. after ..... hours pumping ..... gpm Well water was ..... ft. after ..... hours pumping ..... gpm Estimated Yield: ..... gpm Bore Hole Diameter: ..... <u>6</u> in. to ..... <u>2.7</u> ft. and ..... in. to ..... ft.	<b>5 Latitude:</b> <u>39.279449</u> ..... (decimal degrees) <b>Longitude:</b> <u>-95.530633</u> ..... (decimal degrees) <b>Horizontal Datum:</b> <input type="checkbox"/> WGS 84 <input checked="" type="checkbox"/> NAD 83 <input type="checkbox"/> NAD 27 <b>Source for Latitude/Longitude:</b> <input type="checkbox"/> GPS (unit make/model: <u>E-Phone Apple 1.0</u> ) (WAAS enabled? <input type="checkbox"/> Yes <input type="checkbox"/> No) <input type="checkbox"/> Land Survey <input type="checkbox"/> Topographic Map <input type="checkbox"/> Online Mapper: .....
<b>6 Elevation:</b> ..... ft. <input type="checkbox"/> Ground Level <input type="checkbox"/> TOC <b>Source:</b> <input type="checkbox"/> Land Survey <input type="checkbox"/> GPS <input type="checkbox"/> Topographic Map <input type="checkbox"/> Other .....		

**7 WELL WATER TO BE USED AS:**

1. Domestic: <input type="checkbox"/> Household <input type="checkbox"/> Lawn & Garden <input type="checkbox"/> Livestock	5. <input type="checkbox"/> Public Water Supply: well ID .....	10. <input type="checkbox"/> Oil Field Water Supply: lease .....
2. <input type="checkbox"/> Irrigation	6. <input type="checkbox"/> Dewatering: how many wells? .....	11. Test Hole: well ID .....
3. <input type="checkbox"/> Feedlot	7. <input type="checkbox"/> Aquifer Recharge: well ID .....	<input type="checkbox"/> Cased <input type="checkbox"/> Uncased <input type="checkbox"/> Geotechnical
4. <input type="checkbox"/> Industrial	8. <input checked="" type="checkbox"/> Monitoring: well ID <u>MW-22</u>	12. Geothermal: how many bores? .....
	9. Environmental Remediation: well ID .....	a) Closed Loop <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical
	<input type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extraction	b) Open Loop <input type="checkbox"/> Surface Discharge <input type="checkbox"/> Inj. of Water
	<input type="checkbox"/> Recovery <input type="checkbox"/> Injection	13. <input type="checkbox"/> 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 21.5 ft., Diameter ..... in. to ..... ft., Diameter ..... in. to ..... ft.  
Casing height above land surface 7.5 in. Weight ..... lbs./ft. Wall thickness or gauge No. ....

**TYPE OF SCREEN OR PERFORATION MATERIAL:**  
 Steel  Stainless Steel  Fiberglass  PVC  Other (Specify) Pre-Pack  
 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 2.7 ft. to 2.7 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.  
**GRAVEL PACK INTERVALS:** From 3.0 ft. to 2.1 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.

**9 GROUT MATERIAL:**  Neat cement  Cement grout  Bentonite  Other Best Grout

Grout Intervals: From 19.0 ft. to 1.0 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  
 Watertight Sewer Lines  Seepage Pit  Feedyard  Fertilizer Storage  Oil Well/Gas Well  
 Other (Specify) .....

Direction from well? ..... Distance from well? ..... ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	2'	Topsoil Silt clay			
2	17.5'	Silt clay Gravel			
17.5	25'	Limestone			
25	30'	Shale			
Notes:					

**11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION:** This water well was  constructed,  reconstructed, or  plugged under my jurisdiction and was completed on (mo-day-year) 02/18/2020 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) 03/12/2020 under the business name of Cassade Drilling LP Signature [Signature]

Mail 1 white copy along with a fee of \$5.00 for each constructed well to: Kansas Department of Health and Environment, Bureau of Water, GWTS Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Mail one to Water Well Owner and retain one for your records. Telephone 785-296-5524.

Visit us at <http://www.kdheks.gov/waterwell/index.html> KSA 82a-1212 Revised 7/10/2015



**Figure 2. Site Features and Proposed Well Locations.**

Base map source - ESRI Digital Globe



U.S. Army Corps of Engineers  
Kansas City District



Former Forbes Atlas  
Missile Site S-1  
Jefferson County, Kansas