

39° 16' 51.406" N
95° 31' 53.114" W

SB-14
MW-11

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: NE 1/4 NE 1/4 NW 1/4 SW 1/4 Section Number: 9 Township Number: T 9 S Range Number: R 17 E E W

2 WELL OWNER: Last Name: USACE First: Kansas City District 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:
Address: 601 E. 12th St. End of Platte Rd. & Kansas Hwy 9
City: Kansas City State: Mo. ZIP: 64104 1900' N and 1000' W.

3 LOCATE WELL WITH "X" IN SECTION BOX:

N

-- NW --	-- NE --
W X	E
-- SW --	-- SE --

S

|-----1 mile-----|

4 DEPTH OF COMPLETED WELL: 30 ft.
Depth(s) Groundwater Encountered: 1) 15' 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 30 ft. and
..... in. to ft.

5 Latitude: 39.2809461 (decimal degrees)
Longitude: -95.5314206 (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:

1. Domestic: Household Lawn & Garden Livestock Irrigation Feedlot Industrial

2. Public Water Supply: well ID

3. Dewatering: how many wells?

4. Aquifer Recharge: well ID

5. Monitoring: well ID

6. Environmental Remediation: well ID

7. Air Sparge Soil Vapor Extraction Recovery Injection

8. Oil Field Water Supply: lease

9. Test Hole: well ID

10. Cased Uncased Geotechnical

11. Geothermal: how many bores?

12. a) Closed Loop Horizontal Vertical
b) Open Loop Surface Discharge Inj. of Water

13. 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 20 ft., Diameter in. to ft., Diameter in. to ft.
Casing height above land surface Flush 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 20 ft. to 30 ft. From ft. to ft. From ft. to ft.

GRAVEL PACK INTERVALS: From 17 ft. to 30 ft. From ft. to ft. From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other

Grout Intervals: From 17 ft. to 1', 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
		<u>Topsoil</u>			
<u>0</u>	<u>17.5'</u>	<u>Silt-clay Some Gravel</u>			
<u>17.5</u>	<u>23.5</u>	<u>Limestone</u>			
<u>23.5</u>	<u>27'</u>	<u>Gray Shale</u>			
<u>27'</u>	<u>30'</u>	<u>Limestone</u>			

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) 11-01-2016, 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) 11-01-2016 under the business name of Cascade Drilling, L.P. Signature Randy Ruelke