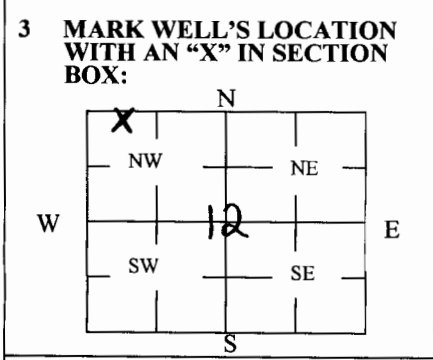


1 LOCATION OF WATER WELL: County: <u>Douglas</u>	Fraction <u>NW 1/4 NE 1/4 NW 1/4 NW 1/4</u>	Section Number <u>12</u>	Township Number <u>T 15 S</u>	Range Number <u>18</u> <input checked="" type="checkbox"/> E <input type="checkbox"/> W
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Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here <input type="checkbox"/> <u>Kansas 5 + N. 200th Rd. 1,700' West</u>	Global Positioning Systems (GPS) information: Latitude: <u>38.767887515° N</u> (in decimal degrees) Longitude: <u>95.369303391° W</u> (in decimal degrees) Elevation: <u>1,061.5 ft.</u> Horizontal Datum: <input type="checkbox"/> WGS84, <input checked="" type="checkbox"/> NAD83, <input type="checkbox"/> NAD27 Collection Method: _____
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2 WATER WELL OWNER: <u>USACE Kansas City District</u> RR#, St. Address, Box #: <u>601 E. 12th St.</u> City, State ZIP Code: <u>Kansas City, MO 64106</u>	<input type="checkbox"/> GPS unit (Make/Model): _____ <input type="checkbox"/> Digital Map/Photo, <input type="checkbox"/> Topographic Map, <input type="checkbox"/> Land Survey Est. Accuracy: <input type="checkbox"/> < 3 m, <input type="checkbox"/> 3-5 m, <input type="checkbox"/> 5-15 m, <input type="checkbox"/> > 15 m
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4 DEPTH OF WELL 33.2 ft.
WELL'S STATIC WATER LEVEL 12.35 ft.
WELL WAS USED AS:

<input type="checkbox"/> Domestic	<input type="checkbox"/> Public Water Supply	<input checked="" type="checkbox"/> Dewatering
<input type="checkbox"/> Irrigation	<input type="checkbox"/> Oil Field Water Supply	<input checked="" type="checkbox"/> Monitoring
<input type="checkbox"/> Feedlot	<input type="checkbox"/> Domestic (Lawn & Garden)	<input type="checkbox"/> Injection Well
<input type="checkbox"/> Industrial	<input type="checkbox"/> Air Conditioning	<input type="checkbox"/> Other _____

Was a chemical/bacteriological sample submitted to Department? Yes No

5 TYPE OF BLANK CASING USED:

<input type="checkbox"/> Steel	<input type="checkbox"/> RMP (SR)	<input type="checkbox"/> Wrought	<input type="checkbox"/> Fiberglass	<input type="checkbox"/> Other (Specify below) _____
<input checked="" type="checkbox"/> PVC	<input type="checkbox"/> ABS	<input type="checkbox"/> Asbestos-Cement	<input type="checkbox"/> Concrete Tile	

Blank casing diameter 2 in. Was casing pulled? Yes No If yes, how much 2.4 ft.
 Casing height above or below land surface 6 in.

6 GROUT PLUG MATERIAL: Neat cement Cement grout Bentonite Other _____

Grout Plug Intervals: From 33.2 ft. to 3.0 ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.

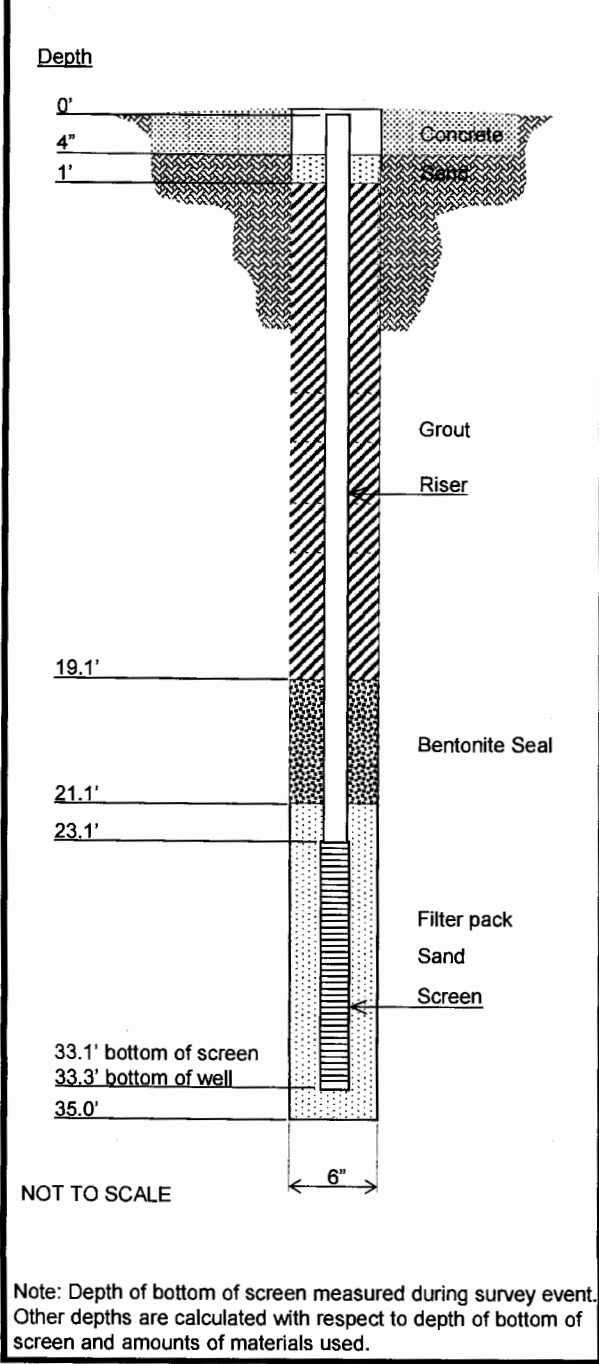
What is the nearest source of possible contamination:

<input type="checkbox"/> Septic tank	<input type="checkbox"/> Seepage pit	<input type="checkbox"/> Fuel storage	<input type="checkbox"/> Other (specify below) _____
<input type="checkbox"/> Sewer lines	<input type="checkbox"/> Pit privy	<input type="checkbox"/> Fertilizer storage	
<input type="checkbox"/> Watertight sewer lines	<input type="checkbox"/> Sewage lagoon	<input type="checkbox"/> Insecticide storage	
<input type="checkbox"/> Lateral lines	<input type="checkbox"/> Feedyard	<input type="checkbox"/> Abandoned water well	Direction from well? _____
<input type="checkbox"/> Cess pool	<input type="checkbox"/> Livestock pens	<input type="checkbox"/> Oil well/Gas well	How many feet? _____

FROM	TO	PLUGGING MATERIALS	FROM	TO	PLUGGING MATERIALS
<u>33.2'</u>	<u>3.0'</u>	<u>Neat cement</u>			
<u>3.0'</u>	<u>0'</u>	<u>Native soil</u>			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was plugged under my jurisdiction and was completed on (mo/day/year) 12/11/2018 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/year) 01/03/2019 under the business name of U.S. Army Corps of Engineers by (signature) _____

Site: Former Forbes Site S-2	Installation: Flush Mount Completion	Well No: GMW-08
Client: USACE Kansas City District	Contract No./Task Order No.: W912DQ-10-D-3012/0010	
Contractor: GEO Consultants Corporation	Drill Contractor: Cascade Drilling, LP	
Start Date: 11/06/16 End Date: 11/06/16	Datum: Kansas State Plane North FIPS 1501	
Coordinates (feet): Northing: 169162.4, Easting: 2062320.4		
Elevation (feet AMSL): Surface: 1061.5, TOC: 1061.0		



Surface Pad
Composition and Size: 3 feet x 3 feet Concrete

Riser Pipe
Type: Sch 40 PVC
Diameter: 2 inch
Length (TOC to TOS): 23.1 feet
Ventilated Cap (Y/N): N

Bentonite Grout
Type: Halliburton Quik-Grout, Polymer Free
Amount Used: -
Specific Weight: 9.4 lb/gal
Tremied (Y/N): Y

Bentonite Seal
Type: Baroid 3/8" Hydrated Bentonite Chips
Source: Baroid Industrial Drilling Products
Amt. Used: -
Setup/Hydration Time: - Vol. Fluid Added: -
Tremied (Y/N): Y

Secondary Filter Pack
Grain Size: -
Grain Size: -
Amt. Used: -
Tremied (Y/N):

Primary Filter Pack
Type: Red Flint Sand and Gravel Co.
Grain Size: #40
Amt. Used: 100 lbs
Tremied (Y/N): N

Screen
Type: PVC pre-pack screen, with sand pack and 2.8 inch diameter
Stainless Steel mesh screen
Diameter: 2 inch
Length: 10.0 feet
Slot Size: 0.010 inch
Interval Below TOC: 23.1 - 33.1 feet

