

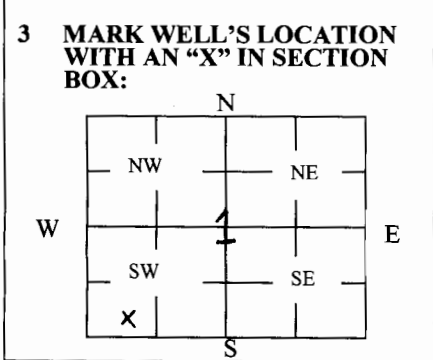
1 LOCATION OF WATER WELL: County: <u>Douglas</u>	Fraction <u>SW 1/4 SE 1/4 SW 1/4 SW 1/4</u>	Section Number <u>1</u>	Township Number <u>T 15 S</u>	Range Number <u>18</u> <input checked="" type="checkbox"/> E <input type="checkbox"/> W
--	--	----------------------------	----------------------------------	--

Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here Kansas 5 + N 200th Rd.
1,700' West

Global Positioning Systems (GPS) information:
Latitude: 38.768447043° N (in decimal degrees)
Longitude: 95.368940878° W (in decimal degrees)
Elevation: 1,063.4 ft.
Horizontal Datum: WGS84, NAD83, NAD27
Collection Method:

2 WATER WELL OWNER: USACE Kansas City District
RR#, St. Address, Box #: 601 E. 12th St.
City, State ZIP Code: Kansas City, MO 64106

GPS unit (Make/Model: _____)
 Digital Map/Photo, Topographic Map, Land Survey
Est. Accuracy: < 3 m, 3-5 m, 5-15 m, > 15 m



4 DEPTH OF WELL 31.8 ft.
WELL'S STATIC WATER LEVEL 11.9 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 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 checked="" 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 2.8 ft.
Casing height above or below land surface 5 in.

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

Grout Plug Intervals: From 31.8 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? _____

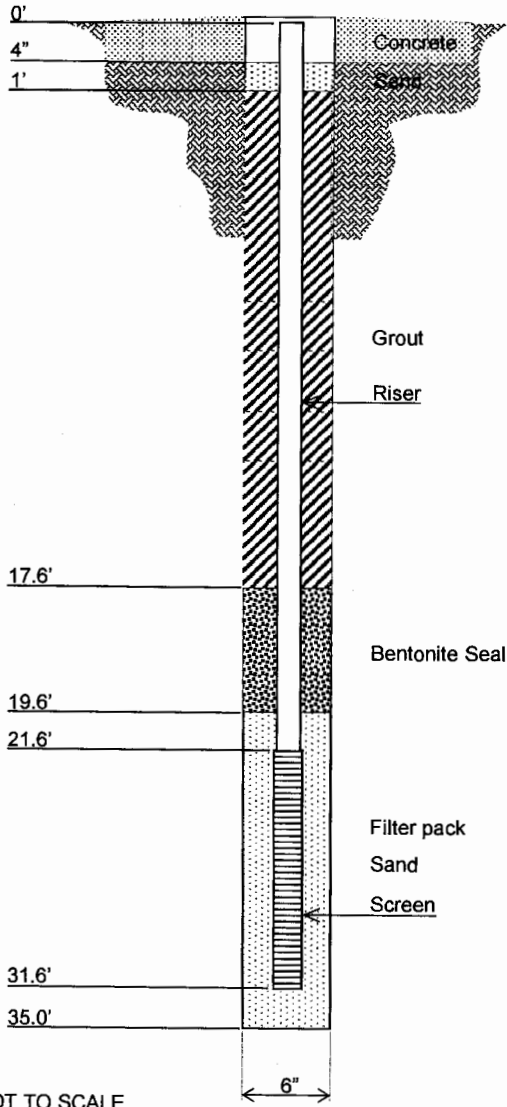
FROM	TO	PLUGGING MATERIALS	FROM	TO	PLUGGING MATERIALS
<u>31.8'</u>	<u>3.0'</u>	<u>Neat cement</u>			
<u>3.0'</u>	<u>0'</u>	<u>Native soil</u>			

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) _____

Send one white copy to Kansas Department of Health & Environment, Geology Section, 1000 SW Jackson Street, Ste. 420, Topeka, KS 66612-1367. Send one copy to WATER WELL OWNER and retain one for your records.
Visit us at <http://www.kdheks.gov/waterwell/index.html> Telephone 785-296-5524.

Site: Former Forbes Site S-2	Installation: Flush Mount Completion	Well No: GMW-03
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: 09/16/15	End Date: 09/16/15	Datum: Kansas State Plane North FIPS 1501
		Coordinates (feet): Northing: 169369.1, Easting: 2062417.8
		Elevation (feet AMSL): Surface: 1063.4, TOC: 1063.0

Depth



Surface Pad

Composition and Size: 3 feet x 3 feet Concrete

Riser Pipe

Type: Sch 40 PVC
Diameter: 2 inch
Length (TOC to TOS): 21.6 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
Diameter: 2 inch
Length: 10.0 feet
Slot Size: 0.010 inch
Interval Below TOC: 21.6 - 31.6 feet

Note: Depth of bottom of screen measured during survey event. Other depths are calculated with respect to depth of bottom of screen and amounts of materials used.

