

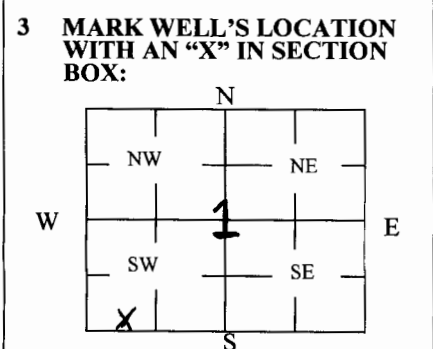
1 LOCATION OF WATER WELL: County: <u>Douglas</u>	Fraction <u>SW 1/4 SE 1/4 SW 1/4 SW 1/4</u>	Section Number <u>1</u>	Township Number <u>T 15 S</u>	Range Number <u>18</u> <input checked="" type="checkbox"/> E <input type="checkbox"/> W
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Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here Kansas 5 + N. 200th Rd.
1,700' West

Global Positioning Systems (GPS) information:
Latitude: 38.768281161°N (in decimal degrees)
Longitude: 95.368193726°W (in decimal degrees)
Elevation: 1,069.3 Ft.
Horizontal Datum: WGS84, NAD83, NAD27
Collection Method:

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

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



4 DEPTH OF WELL 33.5 ft.
WELL'S STATIC WATER LEVEL 14.35 ft.
WELL WAS USED AS:
 Domestic Public Water Supply Dewatering
 Irrigation Oil Field Water Supply Monitoring
 Feedlot Domestic (Lawn & Garden) Injection Well
 Industrial Air Conditioning Other _____
Was a chemical/bacteriological sample submitted to Department? Yes No

5 TYPE OF BLANK CASING USED:
 Steel RMP (SR) Wrought Fiberglass Other (Specify below)
 PVC ABS Asbestos-Cement Concrete Tile
Blank casing diameter 2 in. Was casing pulled? Yes No If yes, how much 1.8 ft.
Casing height above or below land surface 7 in.

6 GROUT PLUG MATERIAL: Neat cement Cement grout Bentonite Other _____
Grout Plug Intervals: From 33.5 ft. to 3.0 ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.
What is the nearest source of possible contamination:
 Septic tank Seepage pit Fuel storage Other (specify below)
 Sewer lines Pit privy Fertilizer storage
 Watertight sewer lines Sewage lagoon Insecticide storage
 Lateral lines Feedyard Abandoned water well Direction from well? _____
 Cess pool Livestock pens Oil well/Gas well How many feet? _____

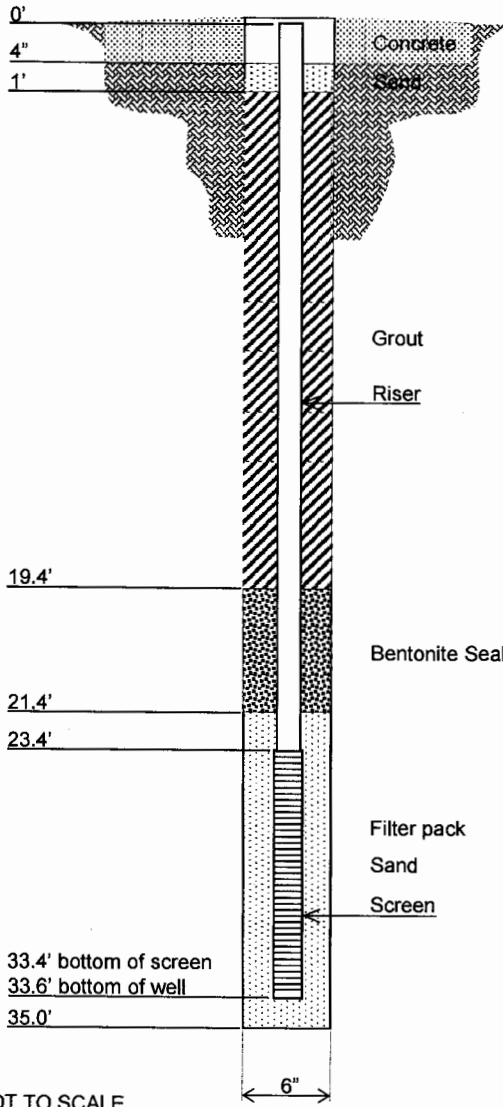
FROM	TO	PLUGGING MATERIALS	FROM	TO	PLUGGING MATERIALS
<u>33.5'</u>	<u>3.0'</u>	<u>Neat cement</u>			
<u>3.0'</u>	<u>0'</u>	<u>Native soil</u>			

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-07
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: 169314.9, Easting: 2062632.5		
Elevation (feet AMSL): Surface: 1069.3, TOC: 1068.7		

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): 23.4 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: 23.4 - 33.4 feet

NOT TO SCALE

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.

