

**WATER WELL PLUGGING RECORD Form WWC-5P**

KSA 82a-1212

ID NO.  

<b>1 LOCATION OF WATER WELL:</b> County: Wyandotte	Fraction $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$	Section Number 10	Township Number T 11 S	Range Number 25 <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 <input type="checkbox"/> Argentine Rail yard; Kansas City, KS		Global Positioning Systems (GPS) information: Latitude: 39.08605 (in decimal degrees) Longitude: -94.68763 (in decimal degrees) Elevation: _____ Horizontal Datum: <input checked="" type="checkbox"/> WGS84, <input type="checkbox"/> NAD83, <input type="checkbox"/> NAD27 Collection Method: _____		

<b>2 WATER WELL OWNER:</b> BNSF Railway RR#, St. Address, Box #: 4515 Kansas Ave. City, State ZIP Code: Kansas City, KS 66106	<input checked="" type="checkbox"/> GPS unit (Make/Model: <u>Garmin etrek</u> ) <input type="checkbox"/> Digital Map/Photo, <input type="checkbox"/> Topographic Map, <input type="checkbox"/> Land Survey Est. Accuracy: <input type="checkbox"/> < 3 m, <input checked="" type="checkbox"/> 3-5 m, <input type="checkbox"/> 5-15 m, <input type="checkbox"/> > 15 m
---	---

<b>3 MARK WELL'S LOCATION WITH AN "X" IN SECTION BOX:</b>	<b>4 DEPTH OF WELL</b> <u>38</u> ft. <span style="float: right;"><b>MW 01-5P</b></span>
<p style="text-align: center;">N NW NE W E SW SE S</p>	WELL'S STATIC WATER LEVEL _____ ft. WELL WAS USED AS: <input type="checkbox"/> Domestic <input type="checkbox"/> Public Water Supply <input 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 checked="" 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 <input type="checkbox"/> No <input checked="" type="checkbox"/>	

**5 TYPE OF BLANK CASING USED:**

Steel  RMP (SR)  Wrought  Fiberglass  Other (Specify below)  
 PVC  ABS  Asbestos-Cement  Concrete Tile

Blank casing diameter 4 in. Was casing pulled? Yes  No  If yes, how much all

Casing height above or below land surface 0 in.

**6 GROUT PLUG MATERIAL:**  Neat cement  Cement grout  Bentonite  Other Top Soil

Grout Plug Intervals: From 0 ft. to 3 ft., From 3 ft. to 38 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
0	3	<u>Top Soil</u>			
3	38	Bentonite			

**7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION:** This water well was plugged under my jurisdiction and was completed on (mo/day/year) 4/11/2017 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 710. This Water Well Record was completed on (mo/day/year) 5/5/2017 under the business name of Below Ground Surface, Inc. by (signature) Craig K. Hewitt

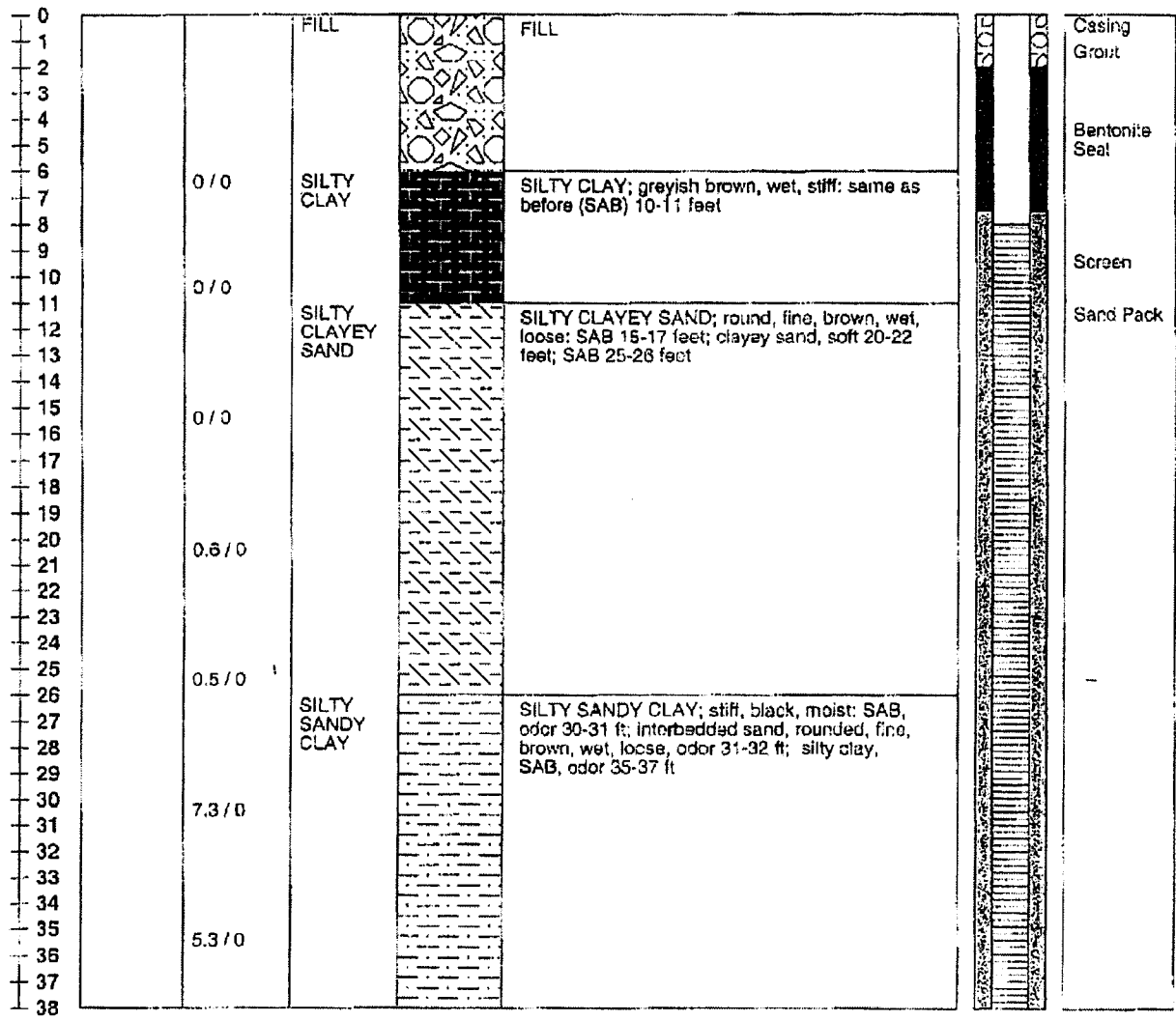


# Well Log MW01-5P

1301 West 25th Street, Suite 500  
Austin, Texas 78705  
Phone: (512) 477-8661  
Fax: (512) 480-0113

Project: Supplemental Voluntary Clean-up Investigation	Drilling Company: GSI	Stick Up: Flush/Mount
Project No.: BN060-15374-220	Driller: Mike	Ground Elevation: NA
Location: Former Location of Elevator A in Argentine Yard, Kansas City	Drill Rig Type:	MP Elevation: NA
Client: The Burlington Northern and Santa Fe Railway Company	Method:	Total Depth: 38.00
Start Date: 9/13/2001	Casing ID: 4 in	Northing: 39.0867 Easting: 94.6867
Completion Date: 9/13/2001	Boring ID: 8.25 in	Logged by: Aaron Rosenboom

Depth (ft.)	Sample Data				Soil and Rock Description	Well Construction
	Sampled Interval	PID (ppm)	U.S.C.S.	Lithology		



Remarks:  
NR - No Recovery  
Gray area indicates sample collected for laboratory analysis

Sheet 1 of 1



NOTES

- 1) Results are displayed in milligrams per liter (µg/L).
- 2) NS = Not Sampled
- 3) NS = Not Analyzed
- 4) NS = Not Analyzed
- 5) NAPL = Non-Aqueous Phase Liquid
- 6) KDHE = Kansas Department of Health and Environment
- 7) RSK = Risk-Based Standards for Kansas
- 8) TPH = Total Petroleum Hydrocarbons
- 9) DRO = Diesel Range Organics
- 10) HRH = High Range Hydrocarbons

SCALE IN FEET

Parameter	Date	Result
Tier 2 RSK (µg/L)	Benzene	2.11
	Naphthalene	720
Tier 2 RSK (µg/L)	TPH-DRO	400
	MRH	2,500

- Legend
- Monitoring Well
  - Proposed Shallow SVE Well
  - Proposed Deep SVE Well
  - Proposed Pilot Test Shallow Observation Well
  - Proposed Pilot Test Deep Observation Well
  - Proposed Air Sparge Well
  - Groundwater Exceeds KDHE Non-Residential Tier 2 RSK Value
  - Groundwater Exceeds KDHE Residential Tier 2 RSK Value
  - Light Non-Aqueous Phase Liquid (LNAPL) Detected on At Least One Occasion
  - Scenario Groundwater Screening Level
  - KDHE Tier 2 RSK Non-Residential Groundwater Result Exceeds Applicable VCP Project Area
  - KDHE Tier 2 RSK Non-Residential Groundwater Result Exceeds Applicable Scenario Groundwater Screening Level
  - Source Area
  - Buildings
  - Railroad Overpass
  - Non-Aqueous Phase Liquid (NAPL) Detected on At Least One Occasion

FIGURE 3: SVE/IAS Pilot Test Layout. Prepared by Arcadis, dated 11/15/2017. All Rights Reserved.