

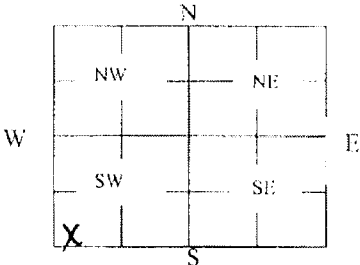
**WATER WELL PLUGGING RECORD Form WWC-5P**

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: 18	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		<b>Global Positioning Systems (GPS) information:</b> 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	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 <input checked="" type="checkbox"/> GPS unit (Make/Model): Garmin etrek <input type="checkbox"/> Digital Map/Photo, <input type="checkbox"/> Topographic Map, <input type="checkbox"/> Land Survey
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<b>3 MARK WELL'S LOCATION WITH AN "X" IN SECTION BOX:</b> 	<b>4 DEPTH OF WELL</b> 30 ft. <span style="float: right;">MW 01-5</span> WELL'S STATIC WATER LEVEL _____ ft. WELL WAS USED AS: <table style="width: 100%;"> <tr> <td><input type="checkbox"/> Domestic Irrigation</td> <td><input type="checkbox"/> Public Water Supply</td> <td><input type="checkbox"/> Dewatering</td> </tr> <tr> <td><input type="checkbox"/> Feedlot</td> <td><input type="checkbox"/> Oil Field Water Supply</td> <td><input checked="" type="checkbox"/> Monitoring</td> </tr> <tr> <td><input type="checkbox"/> Industrial</td> <td><input type="checkbox"/> Domestic (Lawn &amp; Garden)</td> <td><input type="checkbox"/> Injection Well</td> </tr> <tr> <td></td> <td><input type="checkbox"/> Air Conditioning</td> <td><input type="checkbox"/> Other _____</td> </tr> </table> Was a chemical/bacteriological sample submitted to Department? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	<input type="checkbox"/> Domestic Irrigation	<input type="checkbox"/> Public Water Supply	<input type="checkbox"/> Dewatering	<input type="checkbox"/> Feedlot	<input type="checkbox"/> Oil Field Water Supply	<input checked="" type="checkbox"/> Monitoring	<input type="checkbox"/> Industrial	<input type="checkbox"/> Domestic (Lawn & Garden)	<input type="checkbox"/> Injection Well		<input type="checkbox"/> Air Conditioning	<input type="checkbox"/> Other _____
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**5 TYPE OF BLANK CASING USED:**

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

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 30 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	Top Soil			
3	30	Bentdnite			

**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) 3/5/2017 under the business name of Below Ground Surface, Inc. by (signature) *Craig R. Hew*

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.



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) PCBs = Polychlorinated Biphenyls
- 10) HPH = High-Range Hydrocarbons

SCALE IN FEET

MONITORING WELL	DATE	RESIDENTIAL TIER 2 RSK (µg/L)	NON-RESIDENTIAL TIER 2 RSK (µg/L)
MW-01	10/6/2013	5	2.11
MW-02	10/6/2013	720	400
MW-03	10/6/2013	2,500	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 Non-Residential Tier 2 RSK Value
  - Railroad Overpass
  - Buildings
  - Source Area
  - VCP Project Area
  - Groundwater Result Exceeds Applicable KDHE Tier 2 RSK Non-Residential Scenario Groundwater Screening Level
  - Light Non-Aqueous Phase Liquid (LNAPL) Detected on At Least One Occasion
  - Non-Aqueous Phase Liquid (NAPL) Detected on At Least One Occasion

FIGURE 3: SVE/IAS Pilot Test Layout. Prepared by ARCADIS, Inc. for Union Pacific Railroad. Date: 10/6/2013. Scale: 1" = 100'. All rights reserved. No part of this document may be reproduced without the written permission of ARCADIS, Inc.