

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

KSA 82a-1212 ID NO. MW 2

<b>1 LOCATION OF WATER WELL:</b> County: Reno	Fraction ¼ NE ¼ NW ¼ NW ¼	Section Number 16	Township Number T 23 S	Range Number 5 <input type="checkbox"/> E <input checked="" 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"/> BNSF Railroad Yard just east of Kirby Street and Avenue B; Hutchinson, KS	<b>Global Positioning Systems (GPS) information:</b> Latitude: <u>38.051231</u> (in decimal degrees) Longitude: <u>-97.873932</u> (in decimal degrees) Elevation: <u>1535</u> Horizontal Datum: <input type="checkbox"/> WGS84, <input type="checkbox"/> NAD83, <input type="checkbox"/> NAD27 Collection Method:
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<b>2 WATER WELL OWNER: BNSF Railway</b> RR#, St. Address, Box #: 4515 Kansas Ave. City, State ZIP Code: Kansas City KS 66106	<input 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
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<b>3 MARK WELL'S LOCATION WITH AN "X" IN SECTION BOX:</b> 	<b>4 DEPTH OF WELL</b> <u>20</u> ft. WELL'S STATIC WATER LEVEL _____ ft. WELL WAS USED AS: <table style="width: 100%;"> <tr> <td><input type="checkbox"/> Domestic</td> <td><input type="checkbox"/> Public Water Supply</td> <td><input type="checkbox"/> Dewatering</td> </tr> <tr> <td><input type="checkbox"/> Irrigation</td> <td><input type="checkbox"/> Oil Field Water Supply</td> <td><input checked="" type="checkbox"/> Monitoring</td> </tr> <tr> <td><input type="checkbox"/> Feedlot</td> <td><input type="checkbox"/> Domestic (Lawn &amp; Garden)</td> <td><input type="checkbox"/> Injection Well</td> </tr> <tr> <td><input type="checkbox"/> Industrial</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	<input type="checkbox"/> Public Water Supply	<input 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 _____
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**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 all \_\_\_\_\_  
 Casing height above or below land surface 30 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 20 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	20	Bentonite			

**7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION:** This water well was plugged under my jurisdiction and was completed on (mo/day/year) 8-31-2016 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) 9-01-16 under the business name of Below Ground Surface, Inc. by (signature) [Signature]



PROJECT Former Fueling Facility BORING / WELL ID MW-2  
 LOCATION Hutchinson, Kansas OWNER BNSF  
 PROJECT # 3863 DATE DRILLED: 7/13/00

BORING DEPTH 20' DIAMETER 8-1/2" GEOLOGIST RMW  
 SCREEN DIAMETER 2" LENGTH 10' SLOT SIZE .010 inch  
 CASING DIAMETER 2" LENGTH 10' TYPE PVC  
 GRAVEL PACK Silica Sand SEAL Bentonite BOX TYPE  
 DRILLING CO. JB Drilling DRILLING METHOD HSA DRILLER Jim Bieker  
 LICENS # 539 SAMPLE METHOD Split Spoon RIG TYPE

Depth (ft)	Sample #	Sample Location	PID (ppm)	Soil Class	Graphic Log	SOIL DESCRIPTION / CLASSIFICATION	WELL CONSTRUCTION	Water Level
0				GP		Dark brown sandy clay, soft, moist, low plasticity, no odor	Well Cover	
5						Brown silty clay, soft, moist, high plasticity, no odor	Cement	
10				CL		Brown silty clay, moist, med. stiffness high plasticity, no odor	Bentonite	
15						Silty clay, moist, soft	10/20 Silica Sand	
20				SA		Sand, medium to coarse, wet, no odor		
25						No Recovery		
30						TOTAL DEPTH OF BORING @ 20' bgs		
35								



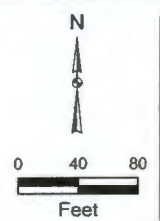
Document Path: T:\Clear Data\BNSF\Kansas\Hutchinson\FF\HutchinsonRAI\RAI\_Site\_Boundary.mxd

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroX, Geomatics, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

**Legend**

Site Boundary	Approximate Former Tracks
Monitoring Well	Approximate FFF Footprint
MOW Building	Approximate Former AST
Approximate Excavation Areas	
Approximate Fence Line and Property Boundary	

- Notes**
1. All locations are approximate.
  2. Site features are based on Google Earth and Site Maps provided by EMR, Inc.
  3. Monitoring well locations were surveyed on 28 April 2011 by Alpha Land Surveys, Inc.
  4. Historic site features are based on historic aerial photos provided by the Kansas Data Access and Support Center and site maps provided by EMR, Inc.
  5. The location of the excavation area is estimated.



**Kennedy/Jenks Consultants**  
 BNSF Railway Company  
 Hutchinson Former Fueling Facility  
 Hutchinson, Kansas

**Site Boundary Map**

1549052.00  
 July 2016