

WATER WELL PLUGGING RECORD Form WWC-5P

KSA 82a-1212 ID NO. MW-4

1 LOCATION OF WATER WELL: Fraction ¼ NE ¼ NW ¼ NW ¼ Section Number 16 Township Number T 23 S Range Number 5 E W
 County: Reno

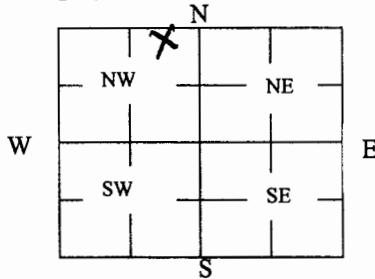
Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here BNSF Railroad Yard just east of Kirby Street and Avenue B; Hutchinson, KS

Global Positioning Systems (GPS) information:
 Latitude: 38.050401 (in decimal degrees)
 Longitude: -97.875627 (in decimal degrees)
 Elevation: 1535
 Horizontal Datum: WGS84, NAD83, NAD27
 Collection Method:

2 WATER WELL OWNER: BNSF Railway
 RR#, St. Address, Box #: 4515 Kansas Ave.
 City, State ZIP Code: Kansas City KS 66106

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

3 MARK WELL'S LOCATION WITH AN "X" IN SECTION BOX:



4 DEPTH OF WELL 20 ft.

WELL'S STATIC WATER LEVEL _____ 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 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:

- 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
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]

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.



PROJECT: Former Fueling Facility
 LOCATION: Hutchinson, Kansas
 PROJECT #: 3863

BORING / WELL ID: MW-4
 OWNER: BNSF
 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
LICENSE #:	539	SAMPLE METHOD: Split Spoon	RIG TYPE

Depth (ft)	Sample #	Sample Location	P/B (ppm)	Soil Class.	Graphic Log	SOIL DESCRIPTION / CLASSIFICATION	WELL CONSTRUCTION	Water Level
0				CP		Reddish brown sandy silty clay, quartz feldspar, moist, no odor	Well Cover	
1								
2				CL		Brown silty clay, soft, moist, med. plasticity, poorly sorted, Kreosote odor at top	Bentonite Cement	
3			46			Brown sandy clay, soft, moist, 3' recovery		
10								
15						Brownish red sand, wet, poorly sorted		
20				SA		Red to tan sand, wet, poorly sorted,	10/20 Silica Sand	
25								
30								
35								
						TOTAL DEPTH OF BORING @ 20' bgs		



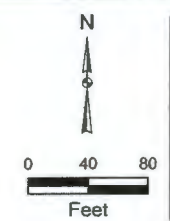
Document Path: T:\Clear Data\BNSF\Kansas\Hutchinson\FF\Hutchinson\RA\Final Site Boundary.mxd

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