

**CORRECTION(S) TO WATER WELL RECORD (WWC-5)**

(to rectify lacking or incorrect information)

Location listed as:

Section-Township-Range: 6-18 S-9 WFraction (  $\frac{1}{4}$   $\frac{1}{4}$   $\frac{1}{4}$ ): SE NE NECounty: Rice

Location changed to:

6-18 S-9 WNE SW NE NEOther changes: Initial statements: Ellsworth CountyChanged to: Rice County

Comments:

verification method: Latitude & longitude, KGS' "LEO" conversion tool,  
Legal description, and mapping tool & aerial photo on KGS  
website. initials: DRB date: 12/01/2008

submitted by: Kansas Geological Survey, Data Resources Library, 1930 Constant Ave., Lawrence, KS 66047-3726  
to: Kansas Dept of Health & Environment, Bureau of Water, 1000 SW Jackson, Suite 420, Topeka, KS 66612-1367.

# WATER WELL RECORD MW-22 Form WWC-5

Division of Water Resources; App. No.

<b>1 LOCATION OF WATER WELL:</b> County: <u>Ellsworth</u>		Fraction <u>SE 1/4 NE 1/4 NE 1/4</u>	Section Number <u>6</u>	Township Number <u>T 18 S</u>	Range Number <u>R 9 E</u>				
Distance and direction from nearest town or city street address of well if located within city?			Global Positioning Systems (decimal degrees, min. of 4 digits) Latitude: <u>N 38° 31' 10.3"</u> Longitude: <u>W 98° 21' 8.7"</u> Elevation: _____ Datum: _____ Data Collection Method: <u>Garmin Nuvi</u>						
<b>2 WATER WELL OWNER:</b> <u>Northern Natural Gas</u> RR#, St. Address, Box # : <u>785 State Road 4</u> City, State, ZIP Code : <u>Bushton, KS</u>									
<b>3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:</b> N W <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>--NW--</td><td>--NE--</td></tr><tr><td>--SW--</td><td>--SE--</td></tr></table> E S		--NW--	--NE--	--SW--	--SE--	<b>4 DEPTH OF COMPLETED WELL</b> ..... <u>30</u> ..... ft. Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft. WELL'S STATIC WATER LEVEL..... <u>22.54</u> ..... ft. below land surface measured on mo/day/yr. <u>10/7/08</u> Pump test data: Well water was..... ft. after..... hours pumping..... gpm Est. Yield..... gpm: Well water was..... ft. after..... hours pumping..... gpm WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below) 2 Irrigation 4 Industrial 7 Domestic (lawn & garden) <u>10 Monitoring well</u> Was a chemical/bacteriological sample submitted to Department? Yes ..... No <u>X</u> ..... If yes, mo/day/ys Sample was submitted..... <u>N/A</u> ..... Water well disinfected? Yes ..... No <u>X</u> .....			
--NW--	--NE--								
--SW--	--SE--								
<b>5 TYPE OF CASING USED:</b> 5 Wrought Iron 8 Concrete tile CASING JOINTS: Glued..... Clamped..... 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded..... <u>2 PVC</u> 4 ABS 7 Fiberglass <u>Threaded</u> Blank casing diameter ..... in. to ..... ft., Diameter..... in. to ..... ft., Diameter..... in. to ..... ft. Casing height above land surface..... <u>30</u> ..... in., Weight ..... lbs./ft. Wall thickness or gauge No. <u>sch 40</u> TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 3 Stainless Steel 5 Fiberglass <u>7 PVC</u> 9 ABS 11 Other (Specify) ..... 2 Brass 4 Galvanized Steel 6 Concrete tile 8 RM (SR) 10 Asbestos-Cement 12 None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot <u>3 Mill slot</u> 5 Gauzed wrapped 7 Torch cut 9 Drilled holes 11 None (open hole) 2 Louvered shutter 4 Key punched 6 Wire wrapped 8 Saw cut 10 Other (specify) ..... SCREEN-PERFORATED INTERVALS: From..... <u>20</u> ..... ft. to ..... <u>30</u> ..... ft., From..... ft. to ..... ft. GRAVEL PACK INTERVALS: From..... <u>17.5</u> ..... ft. to ..... <u>30</u> ..... ft., From..... ft. to ..... ft. From..... ft. to ..... ft., From..... ft. to ..... ft.									
<b>6 GROUT MATERIAL:</b> 1 Neat cement 2 Cement grout <u>3 Bentonite</u> 4 Other ..... Grout Intervals: From..... <u>2</u> ..... ft. to ..... <u>17.5</u> ..... ft., From..... ft. to ..... ft., From..... ft. to ..... ft. What is the nearest source of possible contamination: 1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 13 Insecticide storage 16 <u>Other</u> specify 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 14 Abandoned water well below 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 15 Oil well/gas well <u>Former Waste Water Tank</u> Direction from well? ..... How many feet? .....									
<b>FROM TO LITHOLOGIC LOG</b>			<b>FROM TO PLUGGING INTERVALS</b>						
0	3'	Grayish brown silty clay							
3'	5'	Grayish brown silt							
5'	12'	Grayish brown silty clay							
12'	18'	Brown sandy silt							
18'	25'	Grayish brown silty clay							
25'	28.5'	Brown silty clay							
28.5'	31'	Brown clay							
<b>7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION:</b> This water well was <u>(1) constructed</u> , (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) <u>10-7-08</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>759</u> This Water Well Record was completed on (mo/day/year) <u>10-12-08</u> under the business name of <u>BAZEK Environmental, LLC</u> by (signature) <u>Anthony J. Baze</u> INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well. Visit us at <a href="http://www.kdheks.gov/waterwell/index.html">http://www.kdheks.gov/waterwell/index.html</a> .									



GENERATOR BUILDING

FORMER UST

FORMER COMPRESSOR BUILDING #1

FORMER  
COOLING  
TOWER

MW-22

SUMP  
BUILDING

CONDENSATE TANK (CST-14)

OVERHEAD PIPING

LEGEND:

 MW-22

MONITORING WELL

**RECEIVED**

NOV 06 2008

**BUREAU OF WATER**

100 0 100 200  
  
SCALE IN FEET

**Burns &  
McDonnell**  
SINCE 1898

**FIGURE 1  
SITE MAP  
NORTHERN NATURAL GAS  
BUSHTON UST SITE  
RICE COUNTY, KANSAS**