

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

(to rectify lacking or incorrect information)

County: Rice

Location listed as:

Location ~~changed to~~:

Section-Township-Range: _____

6-185-9 W

Fraction ($\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$): _____

SE NE NE

Other changes: Initial statements: Ellsworth County

Changed to: Rice County

Comments: _____

verification method: Latitude and longitude, KGS' "LEO" conversion tool, and mapping tool on KGS website.

initials: DRJ date: 1/29/2008

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-20 Form WWC-5

Division of Water Resources; App. No.

1 LOCATION OF WATER WELL: 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? <u>Approx. 1/2 mile North and 2 miles East of Bushton, KS</u>			Global Positioning Systems (decimal degrees, min. of 4 digits) Latitude: <u>38.518361</u> Longitude: <u>98.350056</u> Elevation: <u>1745.59' TOC</u> Datum: <u>NAD 83</u> Data Collection Method:						
2 WATER WELL OWNER: <u>Northern Natural Gas</u> RR#, St. Address, Box # : <u>785 State Road 4</u> City, State, ZIP Code : <u>Bushton, KS 67427</u>									
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: 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 --	4 DEPTH OF COMPLETED WELL ft. <u>34.8</u> Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft. WELL'S STATIC WATER LEVEL <u>14.42</u> ft. below land surface measured on mo/day/yr <u>11/19/2007</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 If yes, mo/day/yr Sample was submitted..... <u>N/A</u> Water well disinfected? Yes No <u>X</u>			
-- NW --	-- NE --								
-- SW --	-- SE --								
5 TYPE OF CASING USED: 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) <u>2 PVC</u> 4 ABS 7 Fiberglass Blank casing diameter in. to ft., Diameter in. to ft., Diameter in. to ft. Casing height above land surface..... in., Weight lbs./ft. Wall thickness or gauge No. <u>Sch 40</u>		CASING JOINTS: Glued..... Clamped..... Welded..... <u>Treaded</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>24.8</u> ft. to <u>34.8</u> ft., From ft. to ft. From ft. to ft., From ft. to ft.									
GRAVEL PACK INTERVALS: From <u>22.5</u> ft. to <u>34.8</u> ft., From ft. to ft. From ft. to ft., From ft. to ft.									
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout <u>3 Bentonite</u> 4 Other Grout Intervals: From <u>2</u> ft. to <u>22.5</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 <u>16 Other (specify below)</u> 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 14 Abandoned water well 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? <u>NORTHWEST</u> How many feet? <u>850</u>									
FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS				
0	3.5	CLAY, SOME SILT, DARK GRAYISH BROWN							
3.5	5.4	CLAY, SOME SILT, BLACK							
5.4	9	CLAY, SOME SILT, BROWN							
9	16	SILT, SOME CLAY AND SAND, BROWN							
16	32	SILT, SOME SAND, BROWN							
32	34.8	SAND, SOME SILT, LT YELLOWISH BROWN							
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was <u>(1) constructed</u> (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) <u>11-16-07</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>12-11-07</u> under the business name of <u>BAZEK Environmental, LLC</u> by (signature) <u>Anthony J. Paulsen</u>									
INSTRUCTIONS: Use typewriter or ball point pen. <u>PLEASE PRESS FIRMLY</u> and <u>PRINT</u> 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 <u>constructed</u> well. Visit us at http://www.kdheks.gov/waterwell/index.html .									