

CORRECTION(S) TO WATER WELL RECORD (WWC-5)
(to rectify lacking or incorrect information)

County: Seward

Location listed as:

Section-Township-Range: None Given

Fraction (1/4 1/4 1/4): _____

Location changed to:

17-33S-33W

NW NW NW NE

Other changes: Initial statements: _____

Changed to: _____

Comments: _____

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

initials: ORA date: 12/17/2008

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

Form WWC-5

Division of Water Resources; App. No.

1 LOCATION OF WATER WELL: County: <u>Seward</u>	Fraction $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$	Section Number	Township Number T S	Range Number R E/W
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 37° 11.054</u> Longitude: <u>W 100° 55.921</u> Elevation: <u>2829</u> Datum: <u>WGS 84</u> Data Collection Method:		
2 WATER WELL OWNER: <u>Scott Sandell</u> RR#, St. Address, Box # : City, State, ZIP Code : <u>Liberal, KS 67901</u>				

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: N <table border="1" style="width: 100%; height: 100%; text-align: center; border-collapse: collapse;"> <tr><td> </td><td> </td><td> </td></tr> <tr><td>--NW--</td><td> </td><td>--NE--</td></tr> <tr><td> </td><td>X</td><td> </td></tr> <tr><td>--SW--</td><td> </td><td>--SE--</td></tr> <tr><td> </td><td> </td><td> </td></tr> </table> S				--NW--		--NE--		X		--SW--		--SE--				4 DEPTH OF COMPLETED WELL ... <u>348</u> ft. Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft. WELL'S STATIC WATER LEVEL..... <u>219</u> ft. below land surface measured on mo/day/yr. <u>9-30-08</u> Pump test data: Well water was..... <u>219</u> ft. after..... <u>1</u> hours pumping..... <u>20</u> gpm Est. Yield..... <u>50</u> 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 <input checked="" type="checkbox"/> Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below) 2 Irrigation 4 Industrial 7 Domestic (lawn & garden) 10 Monitoring well Was a chemical/bacteriological sample submitted to Department? Yes No <input checked="" type="checkbox"/> ; If yes, mo/day/yr Sample was submitted..... Water well disinfected? Yes <input checked="" type="checkbox"/> No
--NW--		--NE--														
	X															
--SW--		--SE--														

5 TYPE OF CASING USED: 1 Steel 3 RMP (SR) <input checked="" type="checkbox"/> PVC 4 ABS Blank casing diameter <u>5</u> in. to <u>30.8</u> ft., Diameter..... in. to ft., Diameter..... in. to ft. Casing height above land surface..... <u>18</u> in., Weight lbs./ft. Wall thickness or gauge No. <u>200# + SDR-17</u>	5 Wrought Iron 8 Concrete tile 6 Asbestos-Cement 9 Other (specify below) 7 Fiberglass	CASING JOINTS: Glued <input checked="" type="checkbox"/> Clamped..... Welded..... Threaded.....
TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 3 Stainless Steel 5 Fiberglass <input checked="" type="checkbox"/> PVC 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 <input checked="" type="checkbox"/> Mill slot 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>30.8</u> ft. to <u>348</u> ft., From ft. to ft. From..... ft. to ft., From ft. to ft. GRAVEL PACK INTERVALS: From..... <u>20</u> ft. to <u>348</u> ft., From ft. to ft. From..... ft. to ft., From ft. to ft.		

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout <input checked="" type="checkbox"/> Bentonite 4 Other	Grout Intervals: From <u>4</u> ft. to <u>20</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 Other (specify below) 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
Direction from well?	How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
10 7	7	sand			top - 228
17 18	18	sandy brown clay			5" Silverline PVC - 1120 SDR-21
18	30	sand			200# PSL @ 73°F ASTM D-2240
30	45	brown clay			Well Casing IC-2 11/11/07 11:59
45	290	sand + gravel			
290	515	blue clay			228-348
315	348	sand + gravel			Certainhead Surefit 5" SDR-17
					Class 250 PVC Well Casing IC-1ASTM
					F480-02 NSF-WC B04-06-05
					AWBA 656657

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 10-1-08 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 101.... This Water Well Record was completed on (mo/day/year) 10-1-08 under the business name of Bartel Well Drilling, Inc. by (signature) Reuben J. Bartel

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 <http://www.kdheks.gov/waterwell/index.html>.