

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

(to rectify lacking or incorrect information)

County: Nemaha

Location listed as:

Section-Township-Range: 15-45-13 E

Fraction (1/4 1/4 1/4): NW NW NE

Location changed to:

15-45-13 E

NW NW NW NE

Other changes: Initial statements: Latitude: 39° 41.781' Longitude: 95° 50.736'
Elev. 1178

Changed to: Lat: 39° 42.642' Long: 95° 56.917'
Elev. 1338 (from NED)

Comments: _____

verification method: Personal communication from people at USGS, and
Lat-/Long. & KGS' "LEO" conversion tool.

initials: DRP date: 4/6/2011

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

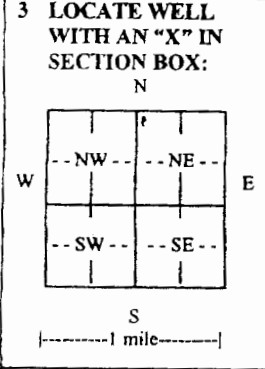
Division of Water Resources App. No.

1 LOCATION OF WATER WELL: County: <u>Nemaha</u>	Fraction <u>¼ NW ¼ NW ¼ NE ¼</u>	Section Number <u>15</u>	Township No. <u>T 4 S</u>	Range Number <u>R 13</u> <input checked="" type="checkbox"/> E <input 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 .
Q Rd. and 80th Rd.

Global Positioning System (GPS) information:
Latitude: 39.41.781 (in decimal degrees)
Longitude: 95.50.736 (in decimal degrees)
Elevation: 1178
Datum: WGS 84, NAD 83, NAD 27
Collection Method:
 GPS unit (Make/Model: Garmin St Pilot 3)
 Digital Map/Photo, Topographic Map, Land Survey
Est. Accuracy: <3 m, 3-5 m, 5-15 m, >15 m

2 WATER WELL OWNER: United States Geological Survey
RR#, Street Address, Box #: 4821 Quail Crest Place
City, State, ZIP Code: Lawrence, KS 66049



4 DEPTH OF COMPLETED WELL 69 ft.

Depth(s) Groundwater Encountered (1) 59 ft. (2) _____ ft. (3) _____ ft.

WELL'S STATIC WATER LEVEL 20 ft. below land surface measured on mo/day/yr. 9/12/2010

Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm

EST. YIELD _____ gpm. Well water was _____ ft. after _____ hours pumping _____ gpm

Bore Hole Diameter 8.25 in. to 69 ft., and _____ in. to _____ ft.

WELL WATER TO BE USED AS: Public water supply Geothermal Injection well
 Domestic Feedlot Oil field water supply Dewatering Other (Specify below)
 Irrigation Industrial Domestic-lawn & garden Monitoring well

Was a chemical/bacteriological sample submitted to Department? Yes No
If yes, mo/day/yr sample was submitted _____

Water well disinfected? Yes No

5 TYPE OF CASING USED: Steel PVC Other _____

CASING JOINTS: Glued Clamped Welded Threaded

Casing diameter 2.5 in. to 69 ft., Diameter _____ in. to _____ ft., Diameter _____ in. to _____ ft.
Casing height above land surface: 30 in., Weight _____ lbs./ft., Wall thickness or gauge No. schedule 80

TYPE OF SCREEN OR PERFORATION MATERIAL:
 Steel Stainless Steel PVC Other (Specify) _____
 Brass Galvanized Steel None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:
 Continuous slot Mill slot Gauze wrapped Torch cut Drilled holes None (open hole)
 Louvered shutter Key punched Wire wrapped Saw cut Other (specify) _____

SCREEN-PERFORATED INTERVALS: From 58.5 ft. to 68.5 ft., From _____ ft. to _____ ft.
From _____ ft. to _____ ft., From _____ ft. to _____ ft.

GRAVEL PACK INTERVALS: From 58.5 ft. to 69 ft., From _____ ft. to _____ ft.
From _____ ft. to _____ ft., From _____ ft. to _____ ft.

6 GROUT MATERIAL: Neat cement Cement grout Bentonite Other _____

Grout Intervals: From surface ft. to 58 ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.

What is the nearest source of possible contamination:
 Septic tank Lateral lines Pit privy Livestock pens Insecticide storage Other (specify below)
 Sewer lines Cesspool Sewage lagoon Fuel storage Abandoned water well
 Watertight sewer lines Seepage pit Feedyard Fertilizer storage Oil well/gas well

Direction from well _____ Distance from well _____

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	1	Top soil			
1	58	Brown silty clay			
58	69	Sandy clay			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo/day/year) 9/12/10 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 823. This Water Well Record was completed on (mo/day/year) 9/21/10 under the business name of United States Geological Survey by (signature) [Signature]

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks and check the correct answers. Send three copies (white, blue, pink) 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 copy to WATER WELL OWNER and retain one for your records. Include fee of \$5.00 for each constructed well. Visit us at <http://www.kdheks.gov/waterwell/index.html>.