

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

County: Brown

Location listed as:

Location ~~changed to:~~

Section-Township-Range: _____

28-4-17

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

SE NW SW SW

Other changes: Initial statements: Latitude Longitude identical for 3 wells
in different locations Lat: 39.66980 Long: 95.52500

Changed to: _____ Lat: 39.6714722 Long: 95.5247191

Comments: _____

verification method: footages provided by Survey, KGS Leo Conversion
program

initials: DL date: 6/24/2010

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. (MW10)

WATER WELL RECORD

Form WWC-5

Division of Water Resources: App. No.

1 LOCATION OF WATER WELL: Fraction Brown NW SW SW Section Number 28 Township Number 4 Range Number 17
 Distance and direction from nearest town or city street address of well if located within city? 300 E. 16th Street, Horton, KS **Global Positioning System** (decimal degrees, min. of 4 digits)
 Latitude: N 39.66980°
 Longitude: W 95.52500°
 Elevation: RIM: 1078.30 TOC: 1077.89
 Datum: above mean sea level
 Data Collection Method: legal survey

2 WATER WELL OWNER: KDOT
 RR#, St. Address, Box # : 700 SW Harrison St.
 City, State, ZIP Code : Topeka, KS 66603

3 LOCATE WELL'S LOCATON WITH AN "X" IN SECTION BOX:

N	
NW	NE
W	E
X SW	SE
S	

4 DEPTH OF COMPLETED WELL 18 ft.
 Depth(s) Groundwater Encountered 1 _____ ft. 2 _____ ft. 3 _____ ft.
 WELL'S STATIC WATER LEVEL 7.37 ft. below land surface measured on mo/day/yr 11/24/09
 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 Feed lot 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 X : If yes, mo/day/yr
 Sample was submitted _____ Water Well Disinfected? Yes _____ No X

5 TYPE OF CASING USED: 5 Wrought Iron 8 Concrete tile CASING JOINTS: Glued _____ Clamped _____
 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded _____
2 PVC 4 ABS 7 Fiberglass _____ Threaded X
 Blank casing diameter 2 in. to 3 ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height below land surface 0.41 ft., Weight _____ lbs./ft. Wall thickness or gauge No. _____
TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless steel 5 Fiberglass 7 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 3 Mill slot 5 Gauze 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 3 ft. to 18 ft. From _____ ft. to _____ ft.
 From _____ ft. to _____ ft. From _____ ft. to _____ ft.
GRAVEL PACK INTERVALS: From 2 ft. to 18 ft. From _____ ft. to _____ ft.
 From _____ ft. to _____ ft. From _____ ft. to _____ ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other **Concrete: 0-1 ft.**
 Grout Intervals From 1 ft. to 2 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)
 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
 Direction from well? NW How many feet? ~370

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	1	Grass, topsoil; brown silty clay with some medium sand, moderate plasticity, moist			
1	4	Brown silty clay with medium sand, trace limestone gravel, moderate plasticity, moist			
4	11	Light brown mottled gray, sandy clay, high plasticity, moist			
11	18	Brown, medium sand with clay matrix, moist to wet			
					Flushmount waiver from BOW

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 11/24/09 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 757. This Water Well Record was completed on (mo/day/year) 12/14/09 under the business name of Larsen & Associates, Inc. by (signature) _____

INSTRUCTIONS: Please fill in blanks 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>.

DENNIS L HANDKE

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Jamie Schwartz
Larsen & Associates
1311 E. 25th Street, Suite B
Lawrence, Kansas, 66046

December 2, 2009
Revised December 22, 2009

RE: Monitor Well Elevation Survey
1686 First Ave. East, Horton, Kansas

Proj. 09-00CC
KDHE ID U4-007-00300
Horton Area KDOT Office

Bench Mark: Square cut on sidewalk at the Southwest corner of main KDOT building.
Elev: 1097.82 North 1130.42 West 4856.85 (from SE Cor. Sec. 28-4-17)

MW-9	top pipe	1082.65	North	796.90	SE1/4,NW1/4,SW1/4,SW/14
	rim	1082.95	West	4728.50	
MW-10	top pipe	1077.89	North	828.80	SE1/4,NW1/4,SW1/4,SW/14
	rim	1078.30	West	4623.60	
MW-11	top pipe	1082.57	North	922.10	^{SW} ^{NE} SE1/4,NW1/4,SW1/4,SW/14
	rim	1082.87	West	4614.80	

(KGS-DRL
6/2010)

Elevation derived from existing well project.

Latitude = 39.66980
Longitude = 95.52500

If you have any questions, please feel free to call me. Thank you for the opportunity to be of service to you.

Dennis L Handke

