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

(to rectify lacking or incorrect information)

County: Harvey

Location listed as:	**Location changed to:**
Section-Township-Range: 36-23S-W	36-23S-3W
Fraction (¼ ¼ ¼): NW NW NW	NW NW NW

Other changes: Initial statements: _____

Changed to: _____

Comments: _____

verification method: Written & legal descriptions, area road map, and mapping tool on KGS website.

initials: DRL date: 11/29/2006

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.

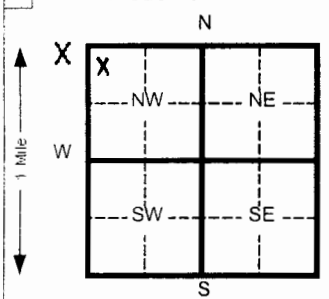
WATER WELL RECORD Form WWC-5 KSA 82a-1212 ID No. EB 20 C

1 LOCATION OF WATER WELL: County: **Harvey** | Fraction: **NW** N **NW** ¼ **NW** ¼ | Section Number: **36** | Township Number: T **23** S | Range Number: R **W** W

Distance and direction from nearest town or city street address of well if located within city?
110 feet south of SW 24th Street; 106 feet east of center of Willow Lake Road

2 WATER WELL OWNER: **City of Wichita**
RR#, St. Address, Box # : **6016 South Spring Lake Road**
City, State, ZIP Code : **Halstead, Kansas 67056**
Board of Agriculture, Division of Water Resources
Application Number:

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



4 DEPTH OF COMPLETED WELL **256** ft. ELEVATION: **1440**
Depth(s) Groundwater Encountered 1 **35.42** ft. 2 ft. 3 ft.
WELL'S STATIC WATER LEVEL **35.42** ft. below land surface measured on mo/day/yr
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 in. to ft. and in. to ft.
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 Lawn and garden (domestic) (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 BLANK 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 **246** ft., Dia in. to ft., Dia in. to ft.
Casing height above land surface **32** in., weight **0.68** lbs./ft. Wall thickness or gauge No. **Sch. 40**

TYPE OF SCREEN OR PERFORATION MATERIAL: (7) PVC 10 Asbestos-cement
1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify)
2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE: 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
1 Continuous slot (3) Mill slot 6 Wire wrapped 9 Drilled holes
2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify)

SCREEN-PERFORATED INTERVALS: From **246** ft. to **256** ft. From ft. to ft.
From ft. to ft. From ft. to ft.
GRAVEL PACK INTERVALS: From **244** ft. to **256** 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 **Volclay**
Grout Intervals From **3** ft. to **244** 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 14 Abandoned water well
2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/ Gas well
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below)
13 Insecticide storage
Direction from well? How many feet?

FROM	TO	CODE	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
			see attached log			

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/yr) **10/18/2006** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **102** This Water Well Record was completed on (mo/day/yr) **10/24/2006** under the business name of **Layne Christensen** by (signature)

INSTRUCTIONS: Please fill in blanks and circle the correct answers. Send three copies to Kansas Department of Health and Environment, Bureau of Water, 1000 S W Jackson St., Ste. 420, Topeka, Kansas 66612-1367. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY T R SEC

TEST HOLE REPORT

LAYNE Western, a Div. of
LAYNE Christensen
Wichita, Kansas

Contract Name:	**Test Hole No. GMD2 (replacement deep)**
Wichita ASR	**Date: October 17, 2006**
	Driller: Harvey

Location of Test Hole:	**Elevation of Test Hole:**
110 feet south of SW 24th, 106 feet east of	
Willow Lake Road	**Static Water Level:**
Page 1 of 3	**Measured Hours After Completion**

From	To	Description of Strata
0	5	red brown clayey silty sand, fine
5	10	red sandy silt, very fine, slight clay
10	15	red-orange sandy silty clay, low to medium plastic
15	20	orange silty sand, fine to coarse with gravel, clay lens
20	25	orange silty sand, fine to coarse with gravel
25	30	orange, olive sandy silty clay, medium plastic, gravel lens
30	35	orange sandy silty clay, medium plastic
35	40	orange, olive silty sand, fine to coarse, sandy clay lens
40	45	orange, olive silty sand, fine to coarse, sandy clay lens
45	50	orange silty sand, fine to coarse
50	55	orange silty sand, fine to coarse, with gravel
55	60	orange silty sand, fine to coarse, with gravel
60	65	orange silty sand, fine to medium
65	70	orange silty sand, fine to coarse with gravel, clay lens
70	75	orange, olive silty sand, fine to coarse
75	80	orange, olive silty sand, fine to coarse
80	85	olive, silty sand, fine to coarse
85	90	olive, silty sand, fine to coarse
90	95	olive, silty sand, fine to coarse

TEST HOLE REPORT

LAYNE Western, a Div. of
LAYNE Christensen
Wichita, Kansas

Contract Name:	Test Hole No. GMD2 (replacement deep)
Wichita ASR	Date: October 17, 2006
	Driller: Harvey

Location of Test Hole:	Elevation of Test Hole:
110 feet south of SW 24th, 106 feet east of	
Willow Lake Road	Static Water Level:
Page 2 of 3	Measured Hours After Completion

From	To	Description of Strata
95	100	olive silty sand, fine to coarse with gravel
100	105	orange, olive silty sand, fine to coarse with gravel, clay lens
105	110	orange, olive clayey silty sand, fine to coarse with gravel
110	115	orange, olive clayey silty sand, fine to coarse with gravel
115	120	olive clayey silty sand, fine to coarse with gravel
120	125	olive clayey silty sand, fine to coarse with gravel
125	130	olive silty sandy clay, medium plastic, fine to coarse
130	135	olive, gray sandy clay, medium plastic, fine to coarse
135	140	olive, gray silty clay, low to medium plastic, slight sand
140	145	olive, gray silty clay, low plastic, slight sand
145	150	olive, gray silty clay, low to medium plastic, slight sand
150	155	olive, gray silty clay, low to medium plastic, slight sand
155	160	olive, gray silty clay, medium to high plastic
160	165	olive, gray silty clay, medium to high plastic, slight sand
165	170	olive, gray silty clay, medium to high plastic, slight sand
170	175	olive, gray silty clay, medium plastic, slight sand
175	180	olive, gray silty clay, medium plastic, slight sand
180	185	olive, gray sandy silty clay, medium plastic
185	190	olive, gray sandy silty clay, low plastic

TEST HOLE REPORT

LAYNE Western, a Div. of
LAYNE Christensen
Wichita, Kansas

Contract Name:	Test Hole No. GMD2 (replacement deep)
Wichita ASR	Date: October 17, 2006
	Driller: Harvey

Location of Test Hole:	Elevation of Test Hole:
110 feet south of SW 24th, 106 feet east of	
Willow Lake Road	Static Water Level:
Page 3 of 3	Measured Hours After Completion

From	To	Description of Strata
190	195	olive, gray sandy silty clay, low plastic
195	200	olive, gray sandy silty clay, low to medium plastic
200	205	olive, gray sandy silty clay, medium plastic
205	210	olive, gray silty clay, medium to high plastic
210	215	olive, gray silty clay, medium to high plastic, slight sand
215	220	olive, gray silty clay, medium to high plastic, slight sand
220	225	olive, gray silty clay, medium to high plastic, slight sand
225	230	olive, gray silty clay, medium to high plastic, slight sand
230	235	olive, gray silty clay, medium to high plastic, slight sand
235	240	olive, gray silty clay, medium to high plastic, slight sand
240	245	olive, gray silty sandy fine to medium clay lens
245	250	olive, gray silty sandy fine to medium clay lens
250	255	olive, gray silty sandy fine to medium clay lens
255	260	olive, gray silty sand to shale