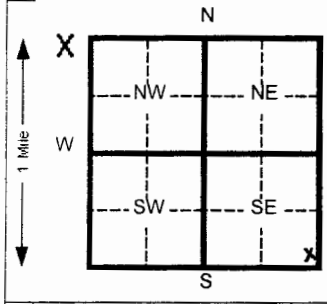
WATER WELL RECORD Form WWC-5 KSA 82a-1212 ID No. **RRW3MW1**

1 LOCATION OF WATER WELL:	Fraction	Section Number	Township Number	Range Number
County: **Harvey**	**SE** ¼ **SE** ¼ **SE** ¼	**23**	T **23** S	R **3** W

Distance and direction from nearest town or city street address of well if located within city?
51.75 Feet North of center of Hwy. 50; 180 feet west of center of Willow Lake Road

2 WATER WELL OWNER: **City of Wichita**
RR#, St. Address, Box # : **6016 S. 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 **250** ft. ELEVATION: **1440**
Depth(s) Groundwater Encountered 1 **63** ft. 2 ft. 3 ft.
WELL'S STATIC WATER LEVEL **63** ft. below land surface measured on mo/day/yr **08/23/2006**
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** in. to **250** 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 **230** ft., Dia in. to ft., Dia in. to ft.
Casing height above land surface **36** 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 **230** ft. to **250** ft. From ft. to ft.
From ft. to ft. From ft. to ft.
GRAVEL PACK INTERVALS: From **228** ft. to **250** 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**
Grout Intervals From **0** ft. to **228** 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) **08/25/2006** 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) **08/27/2006**
under the business name of **Layne Christensen Company** by (signature) Ken M Wade

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: Wichita ASR	Test Hole No. RRW3 MW1
	Date: August 25, 2006
	Driller: Tom Atherton

Location of Test Hole:	Elevation of Test Hole:
	Static Water Level:
Page 1 of 3	Measured Hours After Completion

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

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Location of Test Hole:	Elevation of Test Hole:
	Static Water Level:
Page 2 of 3	Measured Hours After Completion

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

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	Static Water Level:
Page 3 of 3	Measured Hours After Completion

From	To	Description of Strata
190	195	olive-gray silty sandy clay, medium plastic, fine to coarse
195	200	olive silty sand, fine
200	205	olive to gray, orange silty sandy clay, medium plastic
205	210	olive to gray silty sand, fine to coarse, slight clay
210	215	olive to gray clayey silty sand, fine to coarse
215	220	olive to gray clayey silty sand, fine to coarse
220	225	olive to gray clayey silty sand, fine to coarse with gravel
225	230	olive to gray clayey silty sand, fine to coarse with gravel
230	235	olive to gray silty sand, fine to coarse, slight clay
235	240	olive to gray silty sand, fine to coarse, slight clay
240	245	olive to gray sand, fine to coarse with gravel
245	250	olive to gray sand, fine to coarse with gravel, slight clay
250	255	olive to gray sand, fine to coarse with gravel
255	260	gray shale