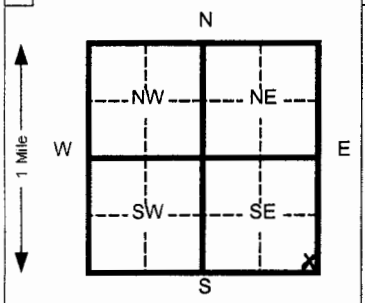
WATER WELL RECORD Form WWC-5 KSA 82a-1212 ID No. **RR2MN**

1 LOCATION OF WATER WELL:	Fraction	Section Number	Township Number	Range Number
County: **Harvey**	**SE** 1/4 **SE** ¼ **SE** ¼	**14**	T **23** S	R **3** W

Distance and direction from nearest town or city street address of well if located within city?
510 Feet north of intersection of Willow Lake and First Street

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 **270** ft. ELEVATION: **1446**
Depth(s) Groundwater Encountered 1 **38.75** ft. 2 ft. 3 ft.
WELL'S STATIC WATER LEVEL **38.75** ft. below land surface measured on mo/day/yr **05/02/2006**
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 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
Blank casing diameter **2** in. to **250** 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 **250** ft. to **270** ft. From ft. to ft.
From ft. to ft. From ft. to ft.
GRAVEL PACK INTERVALS: From **246** ft. to **270** 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 **246** 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) **06/06/2006** 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) **06/13/2006** under the business name of **Layne Christensen Company** 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: Wichita ASR	**Test Hole No. RR2MN**
	Date: April 17, 2006
Page 1 of 3	**Driller: Carl Felton**

Location of Test Hole:	**Elevation of Test Hole:**
	Static Water Level:
	Measured Hours After Completion

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

TEST HOLE REPORT

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

Contract Name: Wichita ASR	Test Hole No. RR2MN
	Date: April 17, 2006
Page 2 of 3	Driller: Carl Felton

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

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

TEST HOLE REPORT

LAYNE Western, a Div. of
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Contract Name: Wichita ASR	**Test Hole No. RR2MN**
	Date: April 17, 2006
Page 3 of 3	**Driller: Carl Felton**

Location of Test Hole:	**Elevation of Test Hole:**
	Static Water Level:
	Measured Hours After Completion

From	To	Description of Strata
190	195	olive, gray sandy silty clay, low to medium plastic, very fine to medium
195	200	olive, gray sandy silty clay, low-med. plastic, very fine-med. w/caliche
200	205	olive, gray silty clayey sand, very fine to coarse with gravel, med. plastic
205	210	olive clayey silty sand, very fine to coarse, medium plastic
210	215	olive clayey silty sand, very fine to coarse, medium plastic
215	220	olive, silty sand, very fine to coarse with gravel, slight clay
220	225	olive, silty sand, very fine to coarse with gravel, slight clay
225	230	olive, silty sand, very fine to coarse with gravel, slight clay
230	235	olive, silty sand, very fine to coarse with gravel, slight clay
235	240	olive silty clayey sand, very fine to coarse with gravel, medium plastic
240	245	olive, gray silty sandy clay, medium plastic, very fine to coarse w/gravel
245	250	olive, gray sandy silty clay, medium plastic, very fine to coarse w/gravel
250	255	olive, gray silty clay, medium plastic, slight sand
255	260	olive, gray silty sandy clay to silty sand, very fine to coarse
260	265	olive, gray silty sand, very fine to coarse with gravel, w/clay lens
265	272	olive silty sandy clay to gray shale
		Bottom of hole 272 feet