

1 LOCATION OF WATER WELL:		Fraction		Section Number		Township Number		Range Number	
County: Harvey		SW ¼ SW ¼ SW ¼		24		T 23 S		R 3 W	
Distance and direction from nearest town or city street address of well if located within city? 172.5 Feet north of center of Hwy. 50; 106 feet east of center of Willow Lake Road									
2 WATER WELL OWNER: City of Wichita									
RR#, St. Address, Box # : 6016 S. Spring Lake Road						Board of Agriculture, Division of Water Resources			
City, State, ZIP Code : Halstead, Kansas 67056						Application Number:			
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL 245 ft. ELEVATION: 1439'							
		Depth(s) Groundwater Encountered 1 45.7 ft. 2 _____ ft. 3 _____ ft.							
		WELL'S STATIC WATER LEVEL 45.7 ft. below land surface measured on mo/day/yr 08/20/2006							
		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 245 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:									
1 Steel 3 RMP (SR) 5 Wrought Iron 8 Concrete tile CASING JOINTS: Glued _____ Clamped _____									
2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded _____									
7 Fiberglass _____ Threaded X									
Blank casing diameter 2 in. to 219 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:									
1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement									
2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 11 Other (specify) _____									
12 None used (open hole) _____									
SCREEN OR PERFORATION OPENINGS ARE:									
1 Continuous slot 3 Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole)									
2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes									
7 Torch cut 10 Other (specify) _____									
SCREEN-PERFORATED INTERVALS: From 225 ft. to 245 ft. From _____ ft. to _____ ft.									
GRAVEL PACK INTERVALS: From 222 ft. to 245 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 222 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) 08/14/2006 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) 08/20/2006									
under the business name of Layne Christensen Company by (signature) <i>[Signature]</i>									
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.									

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TEST HOLE REPORT

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

Contract Name: Wichita ASR	Test Hole No. RRW3 PZ (d)
	Date: August 14, 2006
	Driller: Kevin Holub

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

TEST HOLE REPORT

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

Contract Name: Wichita ASR	Test Hole No. RRW3 PZ (d)
	Date: August 14, 2006
	Driller: Kevin Holub

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

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

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