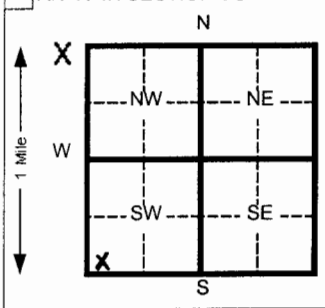
WATER WELL RECORD Form WWC-5 KSA 82a-1212 ID No. RRW3

1 LOCATION OF WATER WELL: County: Harvey | Fraction: SW ¼ SW ¼ SW ¼ | Section Number: 24 | Township Number: T 23 S | Range Number: R 3 W

Distance and direction from nearest town or city street address of well if located within city?
165 Feet north, 130 feet east of intersection of Willow Lake and Hwy. 50

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: 1439
Depth(s) Groundwater Encountered 1 46 ft. 2 ft. 3 ft.
WELL'S STATIC WATER LEVEL 45.8 ft. below land surface measured on mo/day/yr 08/19/06
Pump test data: Well water was 76.59 ft. after 72 hours pumping 1500 gpm
Est. Yield 1500 gpm: Well water was ft. after hours pumping gpm
Bore Hole Diameter 42 in. to 55 ft. and 32 in. to 260 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 X No

5 TYPE OF BLANK CASING USED: (1) Steel 3 RMP (SR) 5 Wrought Iron 8 Concrete tile
2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) 7 Fiberglass
CASING JOINTS: Glued Clamped Welded X Threaded
Blank casing diameter 48 in. to 20 ft., Dia 20 in. to 18 ft., Dia 60 in. to ft.
Casing height above land surface 60 in., weight 93.45 lbs./ft. Wall thickness or gauge No. 0.500"

TYPE OF SCREEN OR PERFORATION MATERIAL:
1 Steel (3) Stainless steel 5 Fiberglass 7 PVC 10 Asbestos-cement
2 Brass 4 Galvanized steel 6 Concrete tile 8 RMP (SR) 11 Other (specify)
9 ABS 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 60 ft. to 80 ft. From 120 ft. to 130 ft.
From 215 ft. to 245 ft. From ft. to ft.
GRAVEL PACK INTERVALS: From 22 ft. to 260 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 cement 0-20,bentonite 20-22
Grout Intervals From 0 ft. to 20 ft. From 20 ft. to 22 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			

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) 08/22/2006 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) 10/04/2006 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.

TEST HOLE REPORT

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

Contract Name: Wichita ASR	**Test Hole No. RRW-3, TH-1**
	Date: March 17, 2006
Page 1 of 4	**Driller: C. Felton**

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

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

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Contract Name: Wichita ASR	Test Hole No. RRW-3, TH-1
	Date: March 17, 2006
Page 2 of 4	Driller: C. Felton

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

From	To	Description of Strata
95	100	olive clay, med. to high plastic, slight sand
100	105	gray, silty sandy clay, low plastic, fine to coarse sand
105	110	olive and gray silty clayey sand, low plastic, fine to coarse sand
110	115	light olive to gray sandy silty clay, low plastic, fine to med. sand
115	120	light olive to gray clayey silty sand, very fine to coarse sand
120	125	light olive to gray clayey silty sand, very fine to coarse sand
125	130	light gray silty sand, very fine to coarse sand, slight clay
130	135	olive and gray sandy silty clay, low to med. plastic, fine to coarse sand
135	140	light olive silty clay, low plastic
140	145	light olive silty clay, low plastic
145	150	gray and olive silty clay, low to med. plastic with slight sand lens
150	155	gray and olive silty sandy clay, low to med. plastic, fine to coarse sand
155	160	gray and olive silty sand, very fine to coarse sand with clay lens
160	165	gray, olive sandy silty clay, low to med. plastic, fine to coarse sand
165	170	dark gray, black, olive silty clay, low to med. plastic, fine to coarse sand
170	175	dark gray, black, olive sandy silty clay, med. plastic, fine to coarse sand
175	180	dark gray, olive silty clay, med. plastic, sand lens, fine to coarse sand
180	185	dark gray, black, olive sandy silty clay, med. to high plastic, fine to
		coarse sand

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Contract Name: Wichita ASR	Test Hole No. RRW-3, TH-1
	Date: March 17, 2006
Page 3 of 4	Driller: C. Felton

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

From	To	Description of Strata
185	190	dark gray, olive sandy silty clay, med. to high plastic, fine to very coarse
		sand lens with gravel
190	195	orange, olive sandy silty clay, med. to high plastic, fine to very coarse
		sand lens with gravel
195	200	orange, olive, gray silty sandy clay, med. plastic, fine to very coarse
		sand lens with gravel
200	205	tan, orange silty sandy clay, low to med. plastic, fine to coarse sand
		with gravel
205	210	orange, olive, gray silty sandy clayey sand, low to med. plastic, fine
		to coarse sand with gravel
210	215	tan sand, fine to coarse, with clay lens
215	220	light olive sand, fine to med. with some coarse
220	225	olive sand, fine to med. with some coarse, clay lens
225	230	olive sand, fine to med. with some coarse, clay lens
230	235	olive sand, fine to coarse
235	240	olive sand, very fine to coarse with gravel, bits of olive shale
240	245	tan to olive sand, very fine to med. with coarse, bits of olive shale
245	250	orange and olive silty sand, very fine to coarse, bits of red shale
250	255	gray shale

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Page 4 of 4	**Driller: C. Felton**

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

From	To	Description of Strata
255	260	gray shale
260	265	gray shale
265	268	dark olive to gray shale, total depth