,	WATER WELL RECORD For	m WWC-5 KSA 82a-1212	ID No. RRW2	
1 LOCATION OF WATER WELL:	Fraction	Section Number	Township Number	Range Number
County: Harvey	NE ¼ NE ¼ NE	/* I	T 23 S	R 3 W
Distance and direction from nearest town of 140 Feet south of intersection of	or city street address of well if located will willow Lake and NW First Street	tnin city?		
2 WATER WELL OWNER: City of V				
	Spring Lake Road	{	Board of Agriculture, Divis	ion of Water Resources
City, State, ZIP Code Halstead	d, Kansas 67056		Application Number:	
2 LOCATE WELL'S LOCATON WITH 1	1 DESTINATION OF SOME STEP WELL	265 ft FLEVATI	ON:	1443
AN "X" IN SECTION BOX:	DEPTH OF COMPLETED WELL Depth(s) Groundwater Encountered 1		O(4.	
			ft. 3 ce measured on mo/day/y	
↑ ^ 	VELL'S STATIC WATER LEVEL 97 Pump test data: Well water			imping 1750 gpm
NW NE	est. Yield 1750 gpm: Well water			
	Bore Hole Diameter 42 in to	was ft. aft		to 275 ft.
- W	VELL WATER TO BE USED AS: 5 Pu			
sWse				Other (Specify below)
		wn and garden (domestic)		
	Vas a chemical/bacteriological sample su	•		mo/day/yr sample was
5	ubmitted 5 Wesusht Iron		Vell Disinfected? Yes X	No
TYPE OF BLANK CASING USED: 1) Steel 3 RMP (SF	5 Wrought Iron 6 Ashastas Comont		CASING JOINTS: Glued	
2 PVC 4 ABS	_	9 Other (specify below)		
40	7 Fiberglass in. to 20 ft., Dia 18	in. to 98 ft.	Thread , Dia	in, to ft.
Casing height above land surface	··· ·· · · · · · · · · · · · · · · · ·		I thickness or gauge No.	V. E.Q VII
TYPE OF SCREEN OR PERFORATION IN		7 PVC	10 Asbestos-cemen	
1 Steel 3 Stainless	s steel 5 Fiberglass	8 RMP (SR)	11 Other (specify)	
2 Brass 4 Galvanize		9 ABS	12 None used (oper	·
SCREEN OR PERFORATION OPENINGS 1 Continuous slot 3 Mi		• • •	Saw cut Drilled holes	11 None (open hole)
	ey punched 7 Torch of		Other (specify)	
SCREEN-PERFORATED INTERVALS:	From 98 ft. to	80 ft. From	400	128 ft.
	From 192 ft. to	220 ft. From	245 ft. to	260 ft.
GRAVEL PACK INTERVALS:	From 22 ft. to	275 ft. From	ft. to	ft.
	From ft. to	ft. From		
6 GROUT MATERIAL: 1 Neat cen			ther cement 0-20,k	pentonite 20-22
*********	to 20 ft. From 20		ft. From	
What is the nearest source of possible con		10 Livestock		ndoned water well
	Lateral lines 7 Pit privy 6 Cess pool 8 Sewage la		•	vell/ Gas well er (specify below)
I	S Seepage pit 9 Feedyard	•	-	openity below)
Direction from well?	5 . 553/515	How many feet		
FROM TO CODE	LITHOLOGIC LOG	FROM TO	PLUGGING IN	TERVALS
Saa	attached			
Jee .				
			, <u></u>	
7 CONTRACTOR'S OR LANDOWNER'S	CERTIFICATION: This water well was	(1) constructed. (2) reconstruc	ted, or (3) plugged under	my jurisdiction and was
completed on (mo/day/yr)	08/15/2006		the best of my knowledg	
Water Well Contractor's License No.	102		was completed on (mo/d	1
under the business name of	Layne Christensen Comp	by (sig	gnature Chu MII	Na
INSTRUCTIONS: Please fill in blanks and circle the correct answers. Send three copies to Kansas Department of Health and Environment, Bufeau 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

Contrac	Contract Name: ASR Wichita		Test Hole No	. RRW-2, Deep Piezometer		
		Date:	April 9, 2006			
Page 1 of 3		Driller:	Tom Butler			
Location	of Toot L	1ala:	Elevation of '	Took Wala.		
Location	n of Test H	101e:	Elevation of	lest noie:		
#			Static Water	Static Water Level:		
R	,			2070.1		
			Measured	Hours After Completion		
_	T =					
From	To		escription of St	The state of the s		
0	5	brown sandy silty clay, lo				
5	10	brown, orange sandy silty	y clay, low plas	tic, very fine to medium		
10	15	orange silty sand, very fir	orange silty sand, very fine to coarse with gravel, brown clay lens			
15	20	orange silty sand, very fine to coarse with gravel				
20	25	orange, olive clayey silty	orange, olive clayey silty sand, very fine-coarse w/ gravel, med. plastic			
25	30	orange, olive silty sand, very fine to coarse with gravel, clay lens				
30	35	orange, olive sandy silty clay, low to medium plastic				
35	40	orange clayey silt, low plastic, slight sand				
40	45	orange, olive clayey silt, l	orange, olive clayey silt, low plastic			
45	50	olive silty clay, low to medium plastic, sand lens, very fine to coarse				
50	55	olive clayey silt, low plast	olive clayey silt, low plastic			
55	60	olive silty sandy clay, medium plastic, very fine to coarse				
60	65	olive silty sandy clay, medium plastic to olive sand, very fine to coarse				
65	70	olive silty sand, very fine to medium, slight coarse				
70	75	olive silty sand, very fine to coarse				
75	80	orange, olive, gray silty clay, low plastic, with coarse sand and gravel				
80	85	olive, gray silty clay, medium plastic, slight sand				
85	90	olive silty sand, very fine to coarse, slight clay				
90	95	olive silty sand, very fine to coarse, slight clay				

TEST HOLE REPORT

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

Test Hole No. RRW-2, Deep Piezometer Amril 0 2006

Contract Name: ASR Wichita

125

130

135

140

145

150

155

160

165

170

175

180

130

135

140

145

150

155

160

165

170

175

180

185

medium plastic

			Date:	April 9, 2006		
Page 2 of 3			Driller:	Tom Butler		
Location of Test Hole:			Elevation of	Elevation of Test Hole:		
			Static Water	Level:		
			Measured	Hours After Completion		
From	То		Description of S	trata		
95	100	olive silty sand, very fine to coarse, slight clay				
100	105	light silty sand, very fine to coarse, slight clay				
105	110	olive sand, very fine to medium, slight coarse slight clay				
110	115	olive sand, very fine to coarse with clay lens				
115	120	olive clayey silty sand, very fine to coarse with gravel, low plastic				
400	+					

From	То	Description of Strata		
95	100	olive silty sand, very fine to coarse, slight clay		
100	105	light silty sand, very fine to coarse, slight clay		
105	110	olive sand, very fine to medium, slight coarse slight clay		
110	115	olive sand, very fine to coarse with clay lens		
115	120	olive clayey silty sand, very fine to coarse with gravel, low plastic		
120	125	olive silty sand, very fine to coarse with gravel, slight clay		

olive, gray clayey silty sand, very fine to coarse with gravel to clay.

dark gray silty clayey sand, very fine to medium, low-med. plastic

dark gray sandy silty clay, medium plastic, very fine to medium

dark gray sandy silty clay, medium plastic, very fine to medium

olive silty sand, very fine to coarse, slight clay

dark gray silty clay, medium plastic slight sand

dark olive-gray silty clay, medium to high plastic

dark olive-gray silty clay, medium to high plastic

dark gray, silty clay, medium plastic, with caliche

olive, gray silty clay, low plastic with caliche

dark gray silty clay, low to medium plastic, with caliche

dark gray silty clay, medium plastic

185	190	90 olive, gray, orange silty clay, low plastic, with caliche			
	TEST HOLE REPORT				
LAYNE Western, a Div. of LAYNE Christensen Wichita, Kansas					
Contract	Contract Name: ASR Wichita Test Hole No. RRW-2, Deep Piezometer				
			Date:	April 9, 2006	
Page 3 of	f 3		Driller:	Tom Butler	
Location	Location of Test Hole:			ast Hole:	
Location	OI TEST IIC	ле.	Elevation of Test Hole:		
			Static Water Level:		
				The second secon	
			Measured	Hours After Completion	
From	То	De	scription of Str	ata	
190	195	olive silty sand, very fine to medium, slight clay			
195	200	olive silty sand, very fine to coarse with gravel			
200	205	olive sand, very fine to coarse with gravel			
205	210	olive sand, very fine to coarse with gravel			
210	215	olive sand, very fine to coarse with gravel, slight clay			
215	220	olive silty sand, very fine to coarse with gravel, slight clay			
220	225	olive, gray silty sandy clay, low to medium plastic, very fine to coarse with gravel			
225	230	olive, gray silty sand to sandy clay, low to medium plastic, very fine			
	,	to coarse with gravel			
230	235	olive, gray silty sand to sandy clay, low to medium plastic, very fine to coarse with gravel			
235	240	olive, gray silty sand to sandy clay, low to medium plastic, very fine			
		to coarse with gravel			
240	245	olive, gray silty sand, very fine to coarse with gravel, slight clay			
245	250	olive, gray silty sand, very fine to coarse with gravel, slight clay			
250	255	olive silty sand, very fine to coarse with gravel			
255	260	olive silty sand, very fine to coarse with gravel, slight clay with			