	WATER WELL RECORD	Form WWC-5	KSA 82a-12	212 ID No.	RRW1ME (d)	
1 LOCATION OF WATER WELL:	Fraction	Sec	tion Number	Townsh	ip Number	Rang	e Number
County: Harvey		SW ¼	12	т 2	23 s	R	3 W
Distance and direction from nearest town of			1 -1 8				
24 feet north of center of NW 12 th		nter of Willow	Lake Road	.			
2 WATER WELL OWNER: City of W RR#, St. Address, Box # : 6016 S. S				Poord of	Agriculture, Divisi	ion of Ma	tor Posources
City, State, ZiP Code : Halstead					n Number:	OH OI Wa	ter resources
LOCATE WELL'S LOCATON WITH 4	, Kalisas 07030			Application	iii ivailibei.		
AN "X" IN SECTION BOX:	DEPTH OF COMPLETED WELL		ft. ELEV	ATION:	1	451	
N De	epth(s) Groundwater Encountered			2	ft. 3		ft.
A X T W	ELL'S STATIC WATER LEVEL	56.5 ft.	below land su	urface measu	red on mo/day/yı	8/19	5/2006
NWNE	Pump test data: Well w	vater was	ft.	. after	hours pu	mping`	gpm
	st. Yield gpm: Well w	vater was	ft.	. after	hours pu	mping	gpm
E Bo	ore Hole Diameter & in.	to		ft. and	in.		ft.
-	ELL WATER TO BE USED AS: 1 Domestic 3 Feed lot	5 Public water st 6 Oil field water st	upply supply	8 Air con 9 Dewate	•	Injection Other (S	well pecify below)
SW SE		7 Lawn and gard			-	· · · · · · · · · · · · · · · · · · ·	, , , , , , , , , , , , , , , , , , , ,
↓ ×	as a chemical/bacteriological sam			_		no/dav/vr	sample was
	bmitted	p.o 042	•	er Well Disin			No X
5. TYPE OF BLANK CASING USED:	5 Wrought Iron	8 Concre			JOINTS: Glued		Clamped
1_Steel 3 RMP (SR)	_	•		v)	Welde		
PVC 4 ABS	7 Fiberglass			•	Thread	ded	x
Blank casing diameter 2 in	a. to 110 ft., Dia	in, t	0	ft., Dia	į	n. to	ft.
Casing height above land surface	30 in., weight	0.68	lbs./ft. \	Wall thicknes	s or gauge No.	S	ch. 40
TYPE OF SCREEN OR PERFORATION M	IATERIAL:	_	PVC	10	Asbestos-cemen	t	
1 Steel 3 Stainless			RMP (SR)		Other (specify)		
2 Brass 4 Galvanize SCREEN OR PERFORATION OPENINGS			ABS	12 8 Saw cut	None used (oper	•	(anon hala)
1 Continuous slot (3) Mill		Sauzed wrapped Vire wrapped		9 Drilled h		1 NOILE	(open hole)
		orch cut			specify)		
SCREEN-PERFORATED INTERVALS:	From 110 ft. to	130	ft. Fr		ft. to		ft.
	From ft. to		ft. Fr	rom	ft. to		ft.
GRAVEL PACK INTERVALS:	From 107 ft. to	130	ft. Fr	rom	ft. to		ft.
	From ft. to		ft. Fr	rom	ft. to		ft.
GROUT MATERIAL: 1 Neat cem	nent 2 Cement grout	3 Ben	tonite	4 Other \	olclay grou	t	
Grout Intervals From 0 ft. t	to 107 ft. From	ft. t	0	ft. Fro		ft. to	ft.
What is the nearest source of possible cont			10 Livesto			ndoned wa	
• •	Lateral lines 7 Pit p	•	11 Fuel st	-		ell/ Gas w	i
-	Cess pool 8 Sew Seepage pit 9 Feed	age lagoon		er storage cide storage	16 Othe	r (specify	below)
Direction from well?	Seepage pit 3 7 eet	dyard	How many f	_			
FROM TO CODE	LITHOLOGIC LOG	FROM	TO		PLUGGING INT	ERVALS	
				-			
see a	ttached log						
			+ +				
				,			
							
			+				
						 	
							~
CONTRACTOR'S OR LANDOWNER'S		_				//	, , , ,
completed on (mo/day/yr)	08/12/2006				of my knowledge		//
Vater Well Contractor's License No.	102			_	pleted or (mo/da	iy yy) <u>0</u>	8/15/2006
inder the business name of	Layne Christensen Co			(signatue)	Deuryull	M/	1000 0111
INSTRUCTIONS:. Please fill in blanks an Jackson St., Ste. 420, Topeka, Kansas 66	a circle the correct answers. Send the 1612-1367. Telephone: 913-296-554	ree copies to Kansa 5. Send one to WA	as Department ATER WELL O	or Health and WNER and ref	ain one for your re	cords.	er, 1000 S W

TEST HOLE REPORT

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

Contract Name: Wichita ASR	Test Hole No.	RRW1 ME (d)
	Date:	August 12, 2006
	Driller:	Kevin Holub

Location of Test Hole:	Elevation of Test Hole:
	Static Water Level:
Page 1 of 2	Measured Hours After Completion

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

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	Date:	August 12, 2006
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Location of Test Hole:	Elevation of Test Hole:		
	Static Water Level:		
Page 2 of 2	Measured Hours After Completion		

From	То	Description of Strata
95	100	olive clayey silty sand, fine to coarse
100	105	olive silty sand, fine to coarse, slight clay
105	110	olive silty sand, fine to coarse, slight clay
110	115	olive silty sand, fine to coarse with gravel, slight clay
115	120	olive silty sand, fine to coarse
120	125	olive silty sand, fine to coarse with gravel, slight clay
125	130	olive silty sand, fine to coarse with gravel, slight clay
130	135	olive silty sand, fine to coarse with gravel, slight clay
135	140	olive weathered shale