

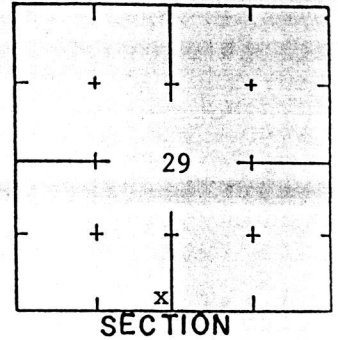
1 LOCATION OF WATER WELL:		Fraction		Section Number		Township Number		Range Number	
County: <u>Harvey</u>		<u>SE ¼ SE ¼ SW ¼</u>		<u>29</u>		<u>T 23 S</u>		<u>R 2 E/W</u>	
Distance and direction from nearest town or city street address of well if located within city? <u>Approximately 2½ miles west and 1 mile north of Halstead</u>									
2 WATER WELL OWNER:		<u>City of Wichita</u>							
RR#, St. Address, Box # :		<u>455 N. Main</u>				Board of Agriculture, Division of Water Resources			
City, State, ZIP Code :		<u>Wichita, KS 67202</u>				Application Number:			
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL <u>199</u> ft. ELEVATION: <u>unknown</u>							
<div style="text-align: center;"><p>1 Mile</p></div>		Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.							
		WELL'S STATIC WATER LEVEL <u>57.35</u> ft. below land surface measured on mo/day/yr <u>5-1-97</u>							
		Pump test data: Well water was <u>not ch'd</u> ft. after hours pumping gpm							
		Est. Yield <u>unknown</u> gpm: Well water was ft. after hours pumping gpm							
		Bore Hole Diameter <u>6</u> in. to <u>220</u> ft., and in. to ft.							
WELL WATER TO BE USED AS:		5 Public water supply		8 Air conditioning		11 Injection well			
1 Domestic		3 Feedlot		6 Oil field water supply		9 Dewatering		12 Other (Specify below)	
2 Irrigation		4 Industrial		7 Lawn and garden only		10 <u>Monitoring well</u>			
Was a chemical/bacteriological sample submitted to Department? Yes.....No..... <u>X</u> If yes, mo/day/yr sample was submitted									
Water Well Disinfected? Yes.....No..... <u>X</u>									
5 TYPE OF BLANK CASING USED:		5 Wrought iron		8 Concrete tile		CASING JOINTS: Glued <u>X</u> Clamped			
1 Steel		3 RMP (SR)		6 Asbestos-Cement		Welded			
2 PVC		4 ABS		7 Fiberglass		Threaded			
Blank casing diameter <u>2</u> in. to <u>187</u> ft., Dia. in. to ft., Dia. in. to ft.									
Casing height above land surface <u>24</u> in., weight <u>.96</u> lbs./ft. Wall thickness or gauge No. <u>218</u>									
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 <u>Mill slot</u>		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 <u>187</u> ft. to <u>197</u> ft., From ft. to ft.									
From ft. to ft., From ft. to ft.									
GRAVEL PACK INTERVALS: From <u>185</u> ft. to <u>220</u> 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 <u>Bentonite Holeplug</u>	
Grout Intervals: From ft. to ft., From ft. to ft., From <u>0</u> ft. to <u>185</u> 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						None known			
Direction from well? How many feet?									
FROM		TO		LITHOLOGIC LOG		FROM		TO	
0		2		Topsoil		216		218	
2		7		Clay, brown, hard		218		220	
7		26		Sand and gravel, coarse, medium, fine					
26		42		Clay, dark gray, hard					
42		56		Clay, gray, soft, sand streaks					
56		90		Sand, medium, fine					
90		109		Clay, green, hard					
109		114		Sand, medium, fine					
114		129		Clay, dark green and white, hard					
129		163		Sand, medium, and fine					
163		182		Clay, dark green and white, hard					
182		197		Sand, medium and fine					
197		201		Clay, green and white, soft					
201		216		Sand, medium and fine					
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) <u>constructed</u> , (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) <u>5-1-97</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>185</u> This Water Well Record was completed on (mo/day/yr) <u>5-30-97</u> under the business name of <u>Clarke Well & Equipment, Inc.</u> by (signature) <u>Clarke Well & Equipment, Inc.</u>									
INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water, Topeka, Kansas 66620-0001. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.									

CLARKE WELL & EQUIPMENT, INC.

WELL RECORD DESIGN & CONSTRUCTION SHEET



JOB NUMBER 3679
 WELL OWNER City of Wichita WELL NO. DMW-H13
 WELL USE Monitor Well APPROPRIATION NO. _____
 LOCATION SE 1/4 SE 1/4 SW 1/4, SECTION NO. 29
 T 23 S, R 2 W/E Harvey COUNTY Kansas
250 FSL, 2650 FEL State



SIZE HOLE 6 "DIA.
 SIZE CASING 2 " DIA. .218 WALL; WT. .96 LBS/FT PVC MATERIAL
 SIZE SCREEN 2 " DIA. .218 WALL PVC MATERIAL .030 Mill SLOT/PISTON

FORMATION LOG. From test no. from to			Formation Thickness	From ground level	From	To	Ftg.
0	2	Topsoil		Casing	0	187	187
2	7	Clay, brown, hard		Screen	187	197	10
7	26	Sand and gravel, coarse, medium, fine					
26	42	Clay, dark gray, hard					
42	56	Clay, gray, soft, sand streaks					
56	90	Sand, medium, fine					
90	109	Clay, green, hard					
109	114	Sand, medium, fine					
114	129	Clay, dark green and white, hard					
129	163	Sand, medium and fine					
163	182	Clay, dark green and white, hard					
182	197	Sand, medium and fine					
197	201	Clay, green and white, soft					
201	216	Sand, medium and fine					
216	218	Clay, green, hard		CASING LEFT ABOVE GROUND			2
218	220	Shale, black, hard		TOTAL CASING & SCREEN			199

STATIC WATER LEVEL 57.35 CHLORINATE none QUANTITY USED
From ground level

GRAVEL PACK ANNULAR SEAL
185 TO 220 0 TO 185 Bentonite Holeplug
TO TO

WHAT IS THE NEAREST SOURCE OF POSSIBLE CONTAMINATION None known

DIRECTION FROM WELL _____ HOW MANY FEET _____

DESIGNED BY _____ DRILLED BY Edward Cass DATE 5-1-97