

1 LOCATION OF WATER WELL:		Fraction		Section Number		Township Number		Range Number	
County: <u>Harvey</u>		SE ¼ SE ¼ SW ¼		29		T 23 S		R 2 <del>EW</del>	
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:		City of Wichita							
RR#, St. Address, Box # :		455 N. Main							
City, State, ZIP Code :		Wichita, KS 67202							
		Board of Agriculture, Division of Water Resources							
		Application Number:							
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL: 199		ft. ELEVATION: unknown					
		Depth(s) Groundwater Encountered 1. . . . . ft. 2. . . . . ft. 3. . . . . ft.							
		WELL'S STATIC WATER LEVEL . . . . . 48.85 ft. below land surface measured on mo/day/yr . . . . . 5-6-97							
		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 . . . . . 6 in. to . . . . . 220 . . . . . ft., and . . . . . in. to . . . . . ft.							
		WELL WATER TO BE USED AS:							
		1 Domestic		3 Feedlot		6 Oil field water supply		9 Dewatering	
		2 Irrigation		4 Industrial		7 Lawn and garden only		10 Monitoring well	
		5 Public water supply		8 Air conditioning		11 Injection well			
		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:		1 Steel		3 RMP (SR)		6 Asbestos-Cement		9 Other (specify below)	
		2 <u>PVC</u>		4 ABS		7 Fiberglass			
		Blank casing diameter . . . . . 2 in. to . . . . . 187		ft. Dia . . . . . in. to . . . . . ft. Dia . . . . . in. to . . . . . ft.					
		Casing height above land surface . . . . . 24		in., weight . . . . . .96		lbs./ft. Wall thickness or gauge No. . . . . 218			
		TYPE OF SCREEN OR PERFORATION MATERIAL:		7 <u>PVC</u>		10 Asbestos-cement			
		1 Steel		3 Stainless steel		5 Fiberglass		8 RMP (SR)	
		2 Brass		4 Galvanized steel		6 Concrete tile		9 ABS	
		SCREEN OR PERFORATION OPENINGS ARE:		5 Gauzed wrapped		8 Saw cut		11 None (open hole)	
		1 Continuous slot		3 <u>Mill slot</u>		6 Wire wrapped		9 Drilled holes	
		2 Louvered shutter		4 Key punched		7 Torch cut		10 Other (specify)	
		SCREEN-PERFORATED INTERVALS:		From . . . . . 187		ft. to . . . . . 197		ft. to . . . . . ft.	
				From . . . . . ft. to . . . . . ft.		From . . . . . ft. to . . . . . ft.		From . . . . . ft. to . . . . . ft.	
		GRAVEL PACK INTERVALS:		From . . . . . 185		ft. to . . . . . 220		ft. to . . . . . 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 . . . . . ft. to . . . . . ft.		From . . . . . 0 ft. to . . . . . 185 ft.	
		What is the nearest source of possible contamination:		10 Livestock pens		14 Abandoned water well			
		1 Septic tank		4 Lateral lines		7 Pit privy		11 Fuel storage	
		2 Sewer lines		5 Cess pool		8 Sewage lagoon		12 Fertilizer storage	
		3 Watertight sewer lines		6 Seepage pit		9 Feedyard		13 Insecticide storage	
								15 Oil well/Gas well	
								16 Other (specify below)	
								None known	
		Direction from well?		How many feet?					
		FROM TO LITHOLOGIC LOG		FROM TO		PLUGGING INTERVALS			
		0 3 Topsoil		170 181		Clay, gray and black, soft			
		3 9 Clay, brown, hard		181 203		Sand, medium and fine			
		9 27 Sand and gravel, coarse, medium, fine		203 206		Clay, tan, soft			
				206 216		Sand, medium and fine			
		27 53 Clay, dark gray, hard		216 217		Clay, green, hard			
		53 68 Sand, medium and fine		217 220		Shale, black, hard			
		68 87 Clay, green and brown, soft							
		87 94 Sand, medium and fine							
		94 111 Clay, dark gray and tan, hard							
		111 127 Clay, green and tan, soft							
		127 128 Sand, medium and fine							
		128 134 Clay, green and tan, hard							
		134 137 Sand, medium and fine							
		137 146 Clay, tan, soft							
		146 170 Sand, medium and fine							
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/year) . . . . . 5-6-97 . . . . . and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. . . . . 185 . . . . . This Water Well Record was completed on (mo/day/yr) . . . . . 5-30-97 . . . . . under the business name of <u>Clarke Well &amp; Equipment, Inc.</u> by (signature) <u>Clarke Well &amp; 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.									

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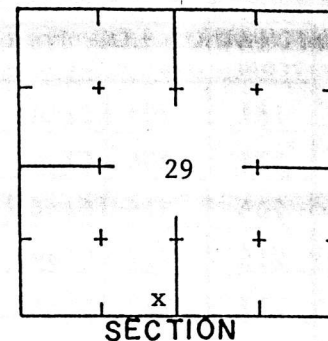
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# CLARKE WELL & EQUIPMENT, INC.

## WELL RECORD DESIGN & CONSTRUCTION SHEET



JOB NUMBER 3679  
 WELL OWNER City of Wichita WELL NO. DMW-H7  
 WELL USE Monitor 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  
365 FSL, 2865 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/NOX

FORMATION LOG. From test no.			Formation Thickness	From ground level	From	To	Ftg.
from	to						
0	3	Topsoil		Casing	0	187	187
3	9	Clay, brown, hard		Screen	187	197	10
9	27	Sand and gravel, coarse, medium, fine					
27	53	Clay, dark gray, hard					
53	68	Sand, medium and fine					
68	87	Clay, green and brown, soft					
87	94	Sand, medium and fine					
94	111	Clay, dark gray and tan, hard					
111	127	Clay, green and tan, soft					
127	128	Sand, medium and fine					
128	134	Clay, green and tan, hard					
134	137	Sand, medium and fine					
137	146	Clay, tan, soft					
146	170	Sand, medium and fine					
170	181	Clay, gray and black, soft		CASING LEFT ABOVE GROUND			2
		CONTINUED ON BACK SIDE		TOTAL CASING & SCREEN			199

STATIC WATER LEVEL 48.85 CHLORINATE none QUANTITY USED  
 From ground level

GRAVEL PACK 185 TO 220 ANNULAR SEAL 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 5-6-97

## Continued : formation log data

[illegible]