

1 LOCATION OF WATER WELL: County: Harvey	Fraction NE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$	Section Number 23	Township Number T 24 S	Range Number R 3 E/W
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Distance and direction from nearest town or city street address of well if located within city?

3 Miles South & 5 Miles West of Holstead

2 WATER WELL OWNER: City Water Department	Well M-45
RR#, St. Address, Box #: City Hall	Board of Agriculture, Division of Water Resources
City, State, ZIP Code: Wichita, Kansas 67201	Application Number: 1006

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:	4 DEPTH OF COMPLETED WELL: 172' ft. ELEVATION:
	Depth(s) Groundwater Encountered 1. 21 ft. 2. 21 ft. 3. 21 ft. WELL'S STATIC WATER LEVEL 21 ft. below land surface measured on mo/day/yr 4/14/83 Pump test data: Well water was 67 ft. after 4 hours pumping 1100 gpm Est. Yield 67 gpm: Well water was 67 ft. after 4 hours pumping 1100 gpm Bore Hole Diameter: 30 in. to 85 ft., and 42 in. to 172 ft. WELL WATER TO BE USED AS: 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 Observation well Was a chemical/bacteriological sample submitted to Department? Yes X No X ; If yes, mo/day/yr sample was submitted Water Well Disinfected? Yes X No X

5 TYPE OF BLANK CASING USED:	5 Wrought iron	8 Concrete tile	CASING JOINTS: Glued X Clamped X
1 Steel	3 RMP (SR)	6 Asbestos-Cement	9 Other (specify below) Welded X
2 PVC	4 ABS	7 Fiberglass	Threaded X
Blank casing diameter 18 in. to 85 ft., Dia 85 in. to 172 ft., Dia 172 in. to 172 ft.			
Casing height above land surface 36 in., weight 70.59 lbs./ft. Wall thickness or gauge No. 1375			
TYPE OF SCREEN OR PERFORATION MATERIAL:	7 PVC	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 Mill slot	6 Wire wrapped	9 Drilled holes
2 Louvered shutter	4 Key punched	7 Torch cut	10 Other (specify)
SCREEN-PERFORATED INTERVALS:	From 85 ft. to 95 ft., From 112 ft. to 122 ft.		
	From 142 ft. to 172 ft., From 172 ft. to 172 ft.		
GRAVEL PACK INTERVALS:	From 20 ft. to 172 ft., From 172 ft. to 172 ft.		

6 GROUT MATERIAL:	1 Neat cement	2 Cement grout	3 Bentonite	4 Other
Grout Intervals: From 0 ft. to 20 ft., From 20 ft. to 172 ft., From 172 ft. to 172 ft.				
What is the nearest source of possible contamination:	1 Septic tank	4 Lateral lines	7 Pit privy	10 Livestock pens
	2 Sewer lines	5 Cess pool	8 Sewage lagoon	11 Fuel storage
	3 Watertight sewer lines	6 Seepage pit	9 Feedyard	12 Fertilizer storage
				13 Insecticide storage
Direction from well? West				14 Abandoned water well
				15 Oil well/Gas well
				16 Other (specify below) Irrigation well
				How many feet? 2500

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	3	Soil			
3	8	Clay			
8	82	Med. to coarse sand & gravel			
82	84	Sand & gravel w/clay			
84	95	Med. to coarse sand & gravel			
95	110	Clay w/sand streaks			
110	122	Med. to coarse sand & gravel			
122	140	Clay			
140	163	Med. to coarse sand & gravel			
163	172	Med. to co. sand & gravel w/clay streaks			
172	178	Blue shale			

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) 4/14/83 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/year) 4/26/83 under the business name of Layne Western Company, Inc. by (signature) RD Hook
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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, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY

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EW

SEC

NE 1/4 NE 1/4

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