

1 LOCATION OF WATER WELL: County: HARVEY	Fraction NW 1/4 NW 1/4 SW 1/4	Section Number 16	Township Number T 24 S	Range Number R 2 E/W
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Distance and direction from nearest town or city street address of well if located within city?

2 1/2 South & 2 mi West of Halstead

2 WATER WELL OWNER: RR#, St. Address, Box # : City, State, ZIP Code :	City of Wichita Water Department - 455 N. Main St. Wichita, Ks. 67202	Well No. M15 Board of Agriculture, Division of Water Resources Application Number: HV006
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3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:	4 DEPTH OF COMPLETED WELL: 242'6" Xt. ELEVATION:
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1 Mile	Depth(s) Groundwater Encountered 1. 39'1" ft. 2. ft. 3. ft.
	WELL'S STATIC WATER LEVEL . 39'1" ft. below land surface measured on mo/day/yr 4-10-85
	Pump test data: Well water was 96'9" ft. after 4 hours pumping 1600 gpm
	Est. Yield gpm: Well water was 84 ft. after 4 hours pumping 1300 gpm
Bore Hole Diameter. 30 in. to 137 ft., and 42 in. to 242'6"	
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 Observation well	
Was a chemical/bacteriological sample submitted to Department? Yes.....No. X If yes, mo/day/yr sample was submitted	
Water Well Disinfected? Yes X No	

5 TYPE OF BLANK CASING USED:	5 Wrought iron 8 Concrete tile CASING JOINTS: Glued.....Clamped.....
1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded X	
2 PVC 4 ABS 7 Fiberglass Stainless Steel Threaded.....	

Blank casing diameter 18 in. to 142'6" ft., Dia. in. to ft., Dia. in. to ft.
Casing height above land surface 24 in., weight 70.59 lbs./ft. Wall thickness or gauge No. 375"

TYPE OF SCREEN OR PERFORATION MATERIAL:	7 PVC 10 Asbestos-cement
1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify).....	
2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole)	

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 142'6" ft. to 166'6" ft., From 176'6" ft. to 186'6" ft.
From 206'6" ft. to 242'6" ft., From ft. to ft.	
GRAVEL PACK INTERVALS:	From 20 ft. to 242'6" 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.....
Grout Intervals: From 0 ft. to 20 ft., From ft. to ft., From ft. to 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 15 Oil well/Gas well	
2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage 16 Other (specify below)	
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage Creek	

Direction from well? West	How many feet? 200
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FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	5	Top soil	145	150	Fine white sand
5	9	Yellow clay	150	160	Fine sand & blue clay lenses
9	25	Fine yellow sand w/clay layers	160	165	Fine white sand
25	35	Fine yellow sand	165	170	Dark gray clay w/sand lenses
35	50	Fine brown sand and gravel	170	175	Light brown clay
50	60	Brown to gray sand-fine	175	180	Fine sand & brown clay lenses
60	65	Blue clay & brown sand layers	180	190	Fine brown & gray sand
65	80	Brown to gray sand-fine	190	195	Lt. gray sand and clay
80	85	Brown to gray sand	195	205	Brown clay w/some sand
85	90	Gray sand-fine	205	215	Sandy tan clay w/layers of sand
90	120	Gray sand and clay lenses	215	245	Fine to med. sand w/clay
120	125	Blue clay	245	255	Shale
125	130	Gray clay			
130	135	Light gray clay			
135	145	Blue clay & sand lenses			

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) April 10, 1985 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/yr) 4/17/85 under the business name of Layne-Western Co., Inc. by (signature) [Signature]

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.