

1 LOCATION OF WATER WELL: County: <u>Wabunsee</u>		Fraction: <u>N 1/4 NW 1/4 SE 1/4</u>	Section Number: <u>26</u>	Township Number: <u>T 12 S</u>	Range Number: <u>R 12 E</u>
Distance and direction from nearest town or city street address of well if located within city?					
2 WATER WELL OWNER: <u>U.S. Army Corps of Engineers Attn: Sandeep Mehra, P.M.</u> RR#, St. Address, Box #: <u>601 E. 12th St. Rm. 610</u> City, State, ZIP Code: <u>Kansas City, MO 64106</u> 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: <u>84.7</u> ft. ELEVATION: <u>1232.4</u>			
		Depth(s) Groundwater Encountered: <u>82.7</u> ft. below land surface measured on mo/day/yr <u>4/21/04</u> WELL'S STATIC WATER LEVEL: <u>82.7</u> ft. below land surface measured on mo/day/yr <u>4/21/04</u> Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm Est. Yield _____ gpm: Well water was _____ ft. after _____ hours pumping _____ gpm 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 Domestic (lawn & garden) 10 Monitoring well Was a chemical/bacteriological sample submitted to Department? Yes _____ No <u>✓</u> ; If yes, mo/day/yr sample was submitted Water Well Disinfected? Yes _____ No <u>✓</u>			
		5 TYPE OF BLANK CASING USED:			
		1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued _____ Clamped _____ 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded _____ 7 Fiberglass Threaded <u>X</u>			
		Blank casing diameter _____ in. to _____ ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft. Casing height above land surface: <u>flush mount</u> in., weight _____ lbs./ft. Wall thickness or gauge No. <u>2.40</u>			
TYPE OF SCREEN OR PERFORATION MATERIAL:					
1 Steel 3 Stainless Steel 5 Fiberglass 7 PVC 10 Asbestos-Cement 2 Brass 4 Galvanized Steel 6 Concrete tile 8 RMP (SR) 11 Other (Specify) 9 ABS 12 None used (open hole)					
SCREEN OR PERFORATION OPENINGS ARE:					
1 Continuous slot 3 Mill slot 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) _____ ft.					
SCREEN-PERFORATED INTERVALS: From <u>74.7</u> ft. to <u>84.7</u> ft., From _____ ft. to _____ ft.					
GRAVEL PACK INTERVALS: From <u>69.7</u> ft. to <u>87.7</u> ft., From _____ ft. to _____ ft.					
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite (seal) 4 Other <u>Bentonite grout</u>					
Grout Intervals: From <u>64.0</u> ft. to <u>69.7</u> ft. From <u>5.3</u> ft. to <u>64.0</u> ft. From _____ ft. to _____ ft.					
What is the nearest source of possible contamination: (seal) (grout)					
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) Direction from well? _____ How many feet? <u>Former Forbes S-C</u> <u>Atlas Missile Site</u>					
LITHOLOGIC LOG					
FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	7.0	Silty clay, brown to dk. brown	59.5	62.8	Sandy mudstone, dk. gray + gray
7.0	11.4	Weathered shale	62.8	67.7	Muddy ss/sandy mudstone, dk. gray + gray
11.4	11.8	Limestone	67.7	75.2	Mudstone, dk. gray
11.8	12.8	Shale/mudstone, yellowish-brown	75.2	81.1	Limey mudstone, greenish gray
12.8	13.5	Limestone, gray	81.1	84.7	Limestone, gray
13.5	14.7	Shale/mudstone, black to dk. brown	84.7	87.7	Mudstone, dk. gray
14.7	20.6	LS/limey mudstone, gray + dk. gray			
20.6	27.7	Shale/mudstone, dark gray			
27.7	31.0	LS/limey mudstone, gray + dk. gray			
31.0	34.1	Shale/mudstone, dk. gray			
34.1	39.9	Limestone, gray			
39.9	42.1	LS/limey mudstone, gray + dk. gray			
42.1	52.0	Limey mudstone, greenish gray			
52.0	59.5	Mudstone, reddish brown + grayish green			
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was <u>1</u> constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) <u>4/22/04</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No. <u>Red. Gov't</u> This Water Well Record was completed on (mo/day/yr) <u>4/22/04</u> under the business name of <u>Army Corps of Engineers</u> by (signature) <u>C. Williams Geologist</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, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well.					