

1 LOCATION OF WATER WELL: County: <u>Dubuque</u>		Fraction <u>N ¼ N ¼ S ¼ E ¼</u>	Section Number <u>26</u>	Township Number T <u>12</u> S	Range Number R <u>12</u> E
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 Mehta, P.M.</u>					
RR#, St. Address, Box # : <u>601 E. 12th Street, Rm 610</u>				Board of Agriculture, Division of Water Resources	
City, State, ZIP Code : <u>Kansas City, MO 64106</u>				Application Number:	
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL <u>41.3</u> ft. ELEVATION: <u>1232.2</u>			
<p>The diagram shows a square divided by horizontal and vertical dashed lines. The top-left quadrant is labeled '-NW-', top-right '-NE-', bottom-left '-SW-', and bottom-right '-SE-'. A bold 'X' is drawn at the intersection of the two central lines.</p>		Depth(s) Groundwater Encountered 1. <u>39.2</u> ft. 2. <u>9/17/02</u> ft. 3. _____ ft. WELL'S STATIC WATER LEVEL <u>10.4</u> ft. below land surface measured on mo/day/yr <u>11/15/04</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: 1 Domestic 3 Feedlot 5 Public water supply 8 Air conditioning 11 Injection well 2 Irrigation 4 Industrial 6 Oil field water supply 9 Dewatering 12 Other (Specify below) 7 Domestic (lawn & garden) <u>(10)</u> Monitoring well			
		Was a chemical/bacteriological sample submitted to Department? Yes _____ No <input checked="" type="checkbox"/> ; If yes, mo/day/yrs sample was submitted _____ Water Well Disinfected? Yes _____ No <u>(No)</u>			
5 TYPE OF BLANK CASING USED:					
① Steel		3 RMP (SR)		CASING JOINTS: Glued _____ Clamped _____	
(2) PVC		4 ABS		Welded _____ 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>Sch. 40</u>					
TYPE OF SCREEN OR PERFORATION MATERIAL:					
1 Steel		3 Stainless Steel		5 Fiberglass	
2 Brass		4 Galvanized Steel		6 Concrete tile	
				⑦ PVC	
				8 RMP (SR)	
				9 ABS	
				10 Asbestos-Cement	
				11 Other (Specify) _____	
				12 None used (open hole)	
SCREEN OR PERFORATION OPENINGS ARE:					
① Continuous slot		3 Mill slot		5 Guazed wrapped	
2 Louvered shutter		4 Key punched		6 Wire wrapped	
				7 Torch cut	
				8 Saw cut	
				9 Drilled holes	
				10 Other (specify) _____	
				11 None (open hole)	
SCREEN-PERFORATED INTERVALS: From <u>11.2</u> ft. to <u>41.3</u> ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.					
GRAVEL PACK INTERVALS: From <u>7.3</u> ft. to <u>43.5</u> ft., From _____ ft. to _____ ft., From _____ 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 (<u>Seal</u>)	
Grout Intervals: From <u>3.0</u> ft. to <u>7.3</u> ft.		From <u>0.5</u> ft. to <u>5.0</u> ft.		From _____ ft. to _____ ft.	
What is the nearest source of possible contamination: (<u>sewage</u>)					
1 Septic tank		4 Lateral lines		7 Pit privy	
2 Sewer lines		5 Cess pool		8 Sewage lagoon	
3 Watertight sewer lines		6 Seepage pit		9 Feedyard	
				10 Livestock pens	
				11 Fuel storage	
				12 Fertilizer storage	
				13 Insecticide storage	
				14 Abandoned water well	
				15 Oil well/Gas well	
				16 Other (specify below) <u>Former Forbes SG Atlas Missile Site</u>	
Direction from well? <u>Bentinite Grout</u>					
FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	7.0	Clay, brown			
7.0	10.9	Shale/mudstone, brownish green			
10.9	12.3	Limestone, gray to dk. gray			
12.3	14.3	Shale, black to dk. brown			
14.3	20.3	Limestone/lime mudstone, dk. gray			
20.3	27.2	Shale, dk. gray to black			
27.2	30.8	LS/lime mudstone, dk. gray			
30.8	33.8	Shale (dk. gray to gray)			
33.8	35.6	Limestone, gray			
35.6	36.6	Shale, black to dk. gray			
36.6	38.2	Limestone, gray			
38.2	41.3	Shale, dk. gray to gray			
41.3	43.5	LS/lime mudstone, greenish gray			
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) <u>9/18/02</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No. <u>Red Seal</u> . This Water Well Record was completed on (mo/day/yr) <u>12/1/05</u> under the business name of <u>Army Corps of Engineers</u> by (signature) <u>Craig Geology</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.					