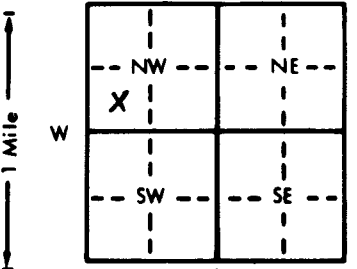


1 LOCATION OF WATER WELL: County: Johnson	Fraction C $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$	Section Number 20	Township Number T 13 S	Range Number R 22 EW
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Distance and direction from nearest town or city street address of well if located within city?

Four miles south of DeSoto, Ks.**Well # DG-5**

2 WATER WELL OWNER: U.S. Government RR#, St. Address, Box # : Sunflower Army Ammunition City, State, ZIP Code : DeSoto, Ks.	Board of Agriculture, Division of Water Resources Application Number:
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3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: 	4 DEPTH OF COMPLETED WELL 182 ft. ELEVATION: 901.2 (MSL) Depth(s) Groundwater Encountered 1. 180 ft. 2. 180 ft. 3. 180 ft. WELL'S STATIC WATER LEVEL 9.7 ft. below land surface measured on mo/day/yr 8-1-88 Pump test data: Well water was 8 ft. after 8 hours pumping 8 gpm Est. Yield 8 gpm: Well water was 8 ft. after 8 hours pumping 8 gpm Bore Hole Diameter 8 in. to 1.82 ft., and 8 in. to 1.82 ft. 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 10 Other (Specify below) 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Observation well Monitor 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
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5 TYPE OF BLANK CASING USED: 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued X Clamped X 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded X Blank casing diameter 4 in. to 1.72 ft., Dia 4 in. to 1.72 ft., Dia 4 in. to 1.72 ft. Casing height above land surface 1.2 in., weight 1.2 lbs./ft. Wall thickness or gauge No. 1.2 TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 11 Other (specify) 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 10 Other (specify) 7 Torch cut SCREEN-PERFORATED INTERVALS: From 1.72 ft. to 1.82 ft., From 1.72 ft. to 1.82 ft., From 1.72 ft. to 1.82 ft. GRAVEL PACK INTERVALS: From 1.54 ft. to 1.82 ft., From 1.54 ft. to 1.82 ft., From 1.54 ft. to 1.82 ft.
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6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other Grout intervals: From 0 ft. to 1.38 ft., From 1.38 ft. to 1.54 ft., From 1.54 ft. to 1.54 ft. What is the nearest source of possible contamination: 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) Seal Fur Direction from well? A 11 How many feet?
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FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	2	Road Gravel	88	110	Limestone
2	3	Top Soil	110	124	Shale & Limestone
3	10	Clay, gray and brown tight	124	142	Limestone & shale dk.
10	11	Limestone, gray, some clay	142	164	Shale, dark
11	19	Limestone, gray	164	171	Limestone
19	24	Shale, dk., soft	171	173	Black Shale
24	27	Limestone	173	175	Limestone
27	34	Shale, and limestone	175	182	Black Shale
34	35	Limestone			
35	37	Shale, gray			
37	64	Limestone and shale			
64	67	Shale			
67	82	Limestone			
82	88	Shale			

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) 8-1-88 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 338 This Water Well Record was completed on (mo/day/yr) 8-21-89 under the business name of Jayhawk Drilling by (signature) Thomas J. Moylan
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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, Office of Oil Field and Environmental Geology, Regulation and Permitting Section, Topeka, Kansas 66620-7500, Telephone: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.