

1 LOCATION OF WATER WELL: County: Johnson		Fraction NE SE NW	Section Number 24	Township Number T 13 S	Range Number R 21 EAW
Distance and direction from nearest town or city street address of well if located within city? 3 miles south of Clearview City, Kansas					
2 WATER WELL OWNER Sunflower Army Ammunition Plant Well No. MW-81-10					
RR#, St. Address, Box # P.O. Box 549 35425 W. 103rd St			Board of Agriculture, Division of Water Resources		
City, State, ZIP Code DeSoto, Ks. 66018			Application Number: 907.50		
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL . . . ft. ELEVATION: . . .			
A square divided into four smaller squares by dashed horizontal and vertical lines. The top-left quadrant is labeled 'NW', top-right 'NE', bottom-left 'SW', and bottom-right 'SE'. In the center of the square, at the intersection of the dashed lines, there is a circled 'X'.		Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.			
		WELL'S STATIC WATER LEVEL .9.1 . . . ft. below land surface measured on mo/day/yr 8-21-95			
		Pump test data: Well water was ft. after . . . hours pumping . . . gpm			
		Est. Yield . . . gpm: Well water was ft. after . . . hours pumping . . . gpm			
Bore Hole Diameter . . . in. to . . . ft., and . . . in. to . . . ft.		Bore Hole Diameter . . . in. to . . . ft., and . . . in. to . . . 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 12 Other (Specify below)			
		2 Irrigation 4 Industrial 7 Lawn and garden only X Monitoring well			
Was a chemical/bacteriological sample submitted to Department? Yes No X . . . If yes, mo/day/yr sample was submitted		Water Well Disinfected? Yes No X . . .			
5 TYPE OF BLANK CASING USED:		CASING JOINTS: Glued . . . Clamped . . .			
1 Steel 3 RMP (SR) <u>2 PVC</u> 4 ABS		5 Wrought iron 8 Concrete tile Welded . . . 6 Asbestos-Cement 9 Other (specify below) Threaded . . .			
Blank casing diameter . . . in. to . . . ft., Dia . . . in. to . . . ft., Dia . . . in. to . . . ft. Casing height above land surface . . . in., weight . . . lbs./ft. Wall thickness or gauge No. . .					
TYPE OF SCREEN OR PERFORATION MATERIAL:					
1 Steel 3 Stainless steel 5 Fiberglass <u>7 PVC</u> 10 Asbestos-cement		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:		8 Saw cut 11 None (open hole)			
1 Continuous slot <u>3 Mill slot</u> 4 Key punched		9 Drilled holes 10 Other (specify)			
SCREEN-PERFORATED INTERVALS: From . . . 5.0 . . . ft. to 45.0 . . . ft., From . . . ft. to . . . ft.					
GRAVEL PACK INTERVALS: From . . . 4.0 . . . ft. to 46.0 . . . ft., From . . . ft. to . . . ft.					
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite X Other microfine cement					
Grout Intervals: From 3.0 . . . ft. to 46.0 . . . 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		12 Fertilizer storage X Other (specify below)			
2 Sewer lines 5 Cess pool 8 Sewage lagoon 13 Insecticide storage Landfill					
3 Watertight sewer lines 6 Seepage pit 9 Feedyard		How many feet? 500			
Direction from well? North					
FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
			0.0	3.0	clay soil-tamped
			3.0	46.0	Well abandoned by staged pressure grouting with ADDIMENT-MICROCEM microfine cement. A packer was placed approx. 10' above bottom of the well, 12 to 25 gallons of grout pumped at up to 50 psi. The packer was then moved up 10' and another 12 to 25 gallons of grout pumped at up to 50 psi. The procedure was repeated until the entire well annulus and casing were filled to the surface with grout. All surface features were removed, the well casing was excavated to a depth of 3', the casing cut off, then the hole backfilled with clay soil and tamped.
		CF: KDHE, Bureau of Water SFAAP USACE-MRK-EP-GG			Calculated grout volume = 57.0 gal Actual grout take = 70.0 gal
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) 8-21-95 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. This Water Well Record was completed on (mo/day/yr) 9-29-95 under the business name of U.S. Army Corps of Engineers - KCD by (signature) <i>[Signature]</i>					
INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send two copies to Kansas Department of Health and Environment, Bureau of Water, Topeka, Kansas 66620-0001. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.					