

1 LOCATION OF WATER WELL: County: Johnson		WATER WELL RECORD Form WWS-3		Section Number 25		Township Number 13 S		Range Number 21 E	
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-81-15				
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: 900.70				
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:			4 DEPTH OF COMPLETED WELL: 40.0 ft. ELEVATION: 900.70						
			Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft. WELL'S STATIC WATER LEVEL 8.1 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. 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 sub- mitted Water Well Disinfected? Yes No X						
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 Blank casing diameter 4" 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: 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 5.0 ft. to 34.0 ft., From ft. to ft. GRAVEL PACK INTERVALS: From 4.0 ft. to 36.0 ft., From ft. to ft. FROM ft. to 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 36.0 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 2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage X Other (specify below) 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage Landfill Direction from well? South How many feet? 600									
FROM TO LITHOLOGIC LOG FROM TO PLUGGING INTERVALS									
0.0 3.0 clay soil-tamped 3.0 36.0 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 Calculated grout volume = 43.0 gal SFAAP Actual grout take = 50.0 gal USACE-MRK-EP-GG									
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. U.S. Army Corps of Engineers - KCD This Water Well Record was completed on (mo/day/yr) 9-29-95 under the business name of 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, Bureau of Water, Topeka, Kansas 66620-0001. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.									