

1 LOCATION OF WATER WELL:		Fraction		Section Number		Township Number		Range Number			
County: Johnson		NW ¼ SE ¼ NW ¼		20		T 13 S		R 22 EW			
Distance and direction from nearest town or city street address of well if located within city?											
3 mi. South Clearview City, KS											
2 WATER WELL OWNER: Sunflower Army Ammunition Plant											
RR#, St. Address, Box #: DeSoto, Kansas 66018 P.O. Box 549 Board of Agriculture, Division of Water Resources											
City, State, ZIP Code: Well No. MW 81-56 35425 W 103 St. Application Number:											
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL: 32.0 ft. ELEVATION: 884.2									
		Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft. WELL'S STATIC WATER LEVEL 10.3 ft. below land surface measured on mo/day/yr 08-11-95 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 ☒ 10 Monitoring well Was a chemical/bacteriological sample submitted to Department? Yes No ☒ If yes, mo/day/yr sample was submitted Water Well Disinfected? Yes No ☒									
5 TYPE OF BLANK CASING USED:											
1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued Clamped ☒ 2 PVC X 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 X 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: 1 Continuous slot ☒ 3 Mill slot X 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) SCREEN-PERFORATED INTERVALS: From 5.0 ft. to 30.0 ft., From ft. to ft. GRAVEL PACK INTERVALS: From 3.5 ft. to 32.0 ft., From ft. to ft. From ft. to ft., From ft. to ft.											
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite ☒ Other Micro-fine Cement grout											
Grout Intervals: From 3.0 ft. to 32.0 ft., From ft. to ft., From ft. to 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) 13 Insecticide storage SAR Lagoon Direction from well? East How many feet? 150											
FROM		TO		LITHOLOGIC LOG		FROM		TO		PLUGGING INTERVALS	
						3.0		32.0		Well abandoned by staged grouting with ADDIMENT-MICROCEM microfine cement grout. Packer placed approx 10' above bottom of well, 12-25 gallons grout pumped at up to 50psi. Packer moved up 10' and another 12-25 gallons grout pumped at up to 50psi. Procedure repeated until well annulus and casing filled with grout to surface. Surface features removed, well casing excavated to depth of 3' then backfilled with clay soil and tamped.	
				CF: KDHE-Bur-Water							
				SFAAP							
				USACE-MRK- EP-GG						Calculated Grout Volume 37.0 gal.	
										Actual grout take 42.0 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) 08-11-95 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) . . . 09-27-95 under the business name of US ARMY CORPS OF ENGINEERS by (signature) <i>Stuart J. Purvish</i>											