

1 LOCATION OF WATER WELL: County: Johnson		Fraction SW 1/4 SE 1/4 NE 1/4	Section Number 24	Township Number T 13 S	Range Number R 21 <u>EW</u>
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-81-18			
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:			
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL 54.0 ft. ELEVATION: 913.02			
		Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.			
		WELL'S STATIC WATER LEVEL 6.0 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 ☒ Monitoring well			
		Was a chemical/bacteriological sample submitted to Department? Yes No ☒ If yes, mo/day/yr sample was sub-			
		mitted Water Well Disinfected? Yes No ☒			
5 TYPE OF BLANK CASING USED:		CASING JOINTS: Glued Clamped			
1 Steel 3 RMP (SR)		5 Wrought iron 8 Concrete tile			
2 <u>PVC</u> 4 ABS		6 Asbestos-Cement 9 Other (specify below) Welded			
		7 Fiberglass Threaded			
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 <u>PVC</u> 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 <u>Mill slot</u> 6 Wire wrapped 9 Drilled holes					
2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify)					
SCREEN-PERFORATED INTERVALS: From 13.0 ft. to 52.0 ft., From ft. to ft.					
		From ft. to ft., From ft. to ft.			
GRAVEL PACK INTERVALS: From 12.0 ft. to 54.0 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 microfine cement					
Grout Intervals: From 3.0 ft. to 54.0 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 ☒ Other (specify below)					
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage Landfill					
Direction from well? Northeast		How many feet? 200			
FROM	TO	LITHOLOGIC LOG		FROM	TO
		0.0 3.0 clay soil-tamped			
		3.0 54.0 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 = 66.0 gal			
SFAAP		Actual grout take = 70.0 gal			
USACE-MRK-EP-GG					
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or <u>(3) plugged</u> 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 - KCM (signature) <i>Steven J. ...</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 up 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.					