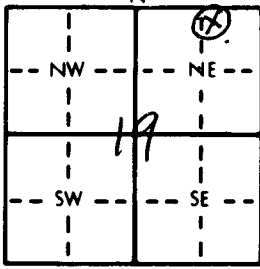


WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL:		Fraction	Section Number	Township Number	Range Number
County: <u>Johnson</u>		NW 1/4 NE 1/4 NE 1/4	19	T 13 S	R 22 <u>EA</u>
Distance and direction from nearest town or city street address of well if located within city?					
2.5 miles south of Clearview City, Kansas					
2 WATER WELL OWNER:		Sunflower Army Ammunition Plant		Well No. MW-81-30	
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: 72.0 ft. ELEVATION: 888.82			
		Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.			
		WELL'S STATIC WATER LEVEL 8.4 ft. below land surface measured on mo/day/yr 8-23-95			
		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 <u>X</u> Monitoring well					
Was a chemical/bacteriological sample submitted to Department? Yes No <u>X</u> ; If yes, mo/day/yr sample was submitted		Water Well Disinfected? Yes No <u>X</u>			
5 TYPE OF BLANK CASING USED:		3 Wrought iron 8 Concrete tile		CASING JOINTS: Glued Clamped	
1 Steel 3 RMP (SR)		6 Asbestos-Cement 9 Other (specify below)		Welded	
<u>2 PVC</u> 4 ABS		7 Fiberglass		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:		<u>7 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 Mill slot 6 Wire wrapped 9 Drilled holes					
2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify)					
SCREEN-PERFORATED INTERVALS: From 8.0 ft. to 70.0 ft. From ft. to ft. From ft. to ft.					
GRAVEL PACK INTERVALS: From 7.0 ft. to 72.0 ft. From ft. to ft. From ft. to ft.					
6 GROUT MATERIAL:		1 Neat cement 2 Cement grout 3 Bentonite <u>X</u> Other microfine cement			
Grout Intervals: From 3.0 ft. to 72.0 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 <u>X</u> Other (specify below)					
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage NG Paste Area					
Direction from well? East		How many feet? 50			
FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
			0.0	3.0	clay soil-tamped
			3.0	72.0	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 = 89.0 gal			
	SFAAP	Actual grout take = 90.0 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) 8-23-95 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 8-23-95 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 <u>Steven J. Fivoush</u>					
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.					