

MW 81-53

1 LOCATION OF WATER WELL:	Fraction	Section Number	Township Number	Range Number
County: JOHNSON	NW 1/4 NW 1/4 SE 1/4	17	T 13 S	R 22 E

Distance and direction from nearest town or city street address of well if located within city?

2 WATER WELL OWNER: U.S. GOVERNMENT	Board of Agriculture, Division of Water Resources
RR#, St. Address, Box #: SUNFLOWER AMMUNITION PLANT	Application Number:
City, State, ZIP Code: DE SOTO, KANSAS	

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:	4 DEPTH OF COMPLETED WELL: 36.0 ft. ELEVATION: 827.15 (top of concrete pad)
	Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft. WELL'S STATIC WATER LEVEL 2.9 ft. below land surface measured on mo/day/yr Nov. 24, 1981 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 9 in. 6.5 ft., and 7 7/8 in. to 36.0 ft. WELL WATER TO BE USED AS: 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 Observation well 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

5 TYPE OF BLANK CASING USED:	5 Wrought iron	8 Concrete tile	CASING JOINTS: Glued X Clamped
1 Steel	3 RMP (SR)	6 Asbestos-Cement	9 Other (specify below)
2 PVC	4 ABS	7 Fiberglass	Welded
Blank casing diameter 4 in. to 5.0 ft., Dia. in. to ft., Dia. in. to ft.			Threaded
Casing height above land surface 2.9 ft. weight lbs./ft. Wall thickness or gauge No. SCHEDULE 40			
TYPE OF SCREEN OR PERFORATION MATERIAL:	7 PVC	10 Asbestos-cement	
1 Steel	3 Stainless steel	5 Fiberglass	8 RMP (SR)
2 Brass	4 Galvanized steel	6 Concrete tile	9 ABS
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.			

6 GROUT MATERIAL:	1 Neat cement	2 Cement grout	3 Bentonite	4 Other NEAT CEMENT w/4% BENTONITE
Grout intervals: From 0.0 ft. to 3.0 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	16 Other (specify below)
3 Watertight sewer lines	6 Seepage pit	9 Feedyard	13 Insecticide storage	

Direction from well?	How many feet?
FROM TO LITHOLOGIC LOG	FROM TO LITHOLOGIC LOG
0' 4.1' CLAY, SILTY (FILL)	
4.1' 6.0' CLAY, SANDY (FILL)	
6.0' 29.0' WYANDOTTE Fm, FARLEY Ls. MBR.	
29.0' 30.1' WYANDOTTE Fm, ISLAND CREEK Sh. MBR.	
30.1' 36.0' WYANDOTTE Fm, ARGENTINE Ls. MBR.	

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) OCT. 5, 1981 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. N/A This Water Well Record was completed on (mo/day/yr) DEC. 18, 1981 under the business name of U.S. ARMY CORPS OF ENGINEERS by (signature) <i>Philip E. Mayhew</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 top three copies to Kansas Department of Health and Environment, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.