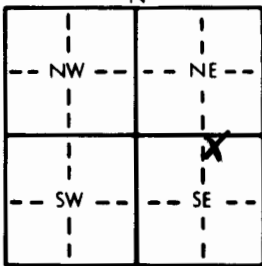


1 LOCATION OF WATER WELL:		Fraction	Section Number	Township Number	Range Number
County: JOHNSON		NW 1/4 NE 1/4 SE 1/4	12	T 13 S	R 21 EW
Distance and direction from nearest town or city street address of well if located within city?					
2 WATER WELL OWNER: U.S. GOVERNMENT					
RR#, St. Address, Box #: SUNFLOWER ARMY AMMUNITION PLANT Board of Agriculture, Division of Water Resources					
City, State, ZIP Code: DE SOTO, KANSAS Application Number:					
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL: 89.0 ft. ELEVATION: 948.70 (Top of concrete pad)			
		Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.			
		WELL'S STATIC WATER LEVEL 22.87 ft. below land surface measured on mo/day/yr 11-23-81			
		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. to 14.0 ft. and 7 7/8 in. to 89.0 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 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 X			
5 TYPE OF BLANK CASING USED:					
1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued X Clamped					
2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded					
7 Fiberglass Threaded					
Blank casing diameter 4 in. to 17.0 ft. Dia in. to ft. Dia in. to ft.					
Casing height above land surface 12.93 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) 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 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 17.0 ft. to 86.0 ft. From ft. to ft.					
From ft. to ft. From ft. to ft.					
GRAVEL PACK INTERVALS: From 15.0 ft. to 89.0 ft. From ft. to ft.					
From ft. to ft. From ft. to ft.					
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other NEAT CEMENT w/ 4% BENTONITE					
Grout Intervals: From SURFACE ft. to 12.0 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					
Direction from well? How many feet?					
FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0'	15.0'	SILTS & CLAYS			
15.0	17.0	SANDY CLAY			
17.0	18.0	CLAYEY SAND			
18.0	26.0	SAND			
26.0	28.0	CLAYEY SAND			
28.0	29.0	SANDY CLAY			
29.0	32.0	CLAY			
32.0	43.9	WESTON SHALE MBR.			
43.9	47.5	SOUTH BEND LIMESTONE MAR.			
47.5	55.0	ROCK LAKE SHALE MBR.			
55.0	70.5	STONER LIMESTONE MAR.			
70.5	75.9	EUDORA SHALE MBR.			
75.9	83.4	CAPTAIN CREEK LS. MBR.			
83.4	89.0	VILAS SHALE			
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) 9-24-81 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) 12-18-81					
under the business name of U.S. ARMY CORPS OF ENGINEERS by (signature) John L. Mayhew					
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.					