

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

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 ARMY 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: 62.0 ft. ELEVATION: 878.99 (to top of concrete pad)
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1 Mile

W E

N S

Section Box Diagram:

NW	NE
SW	SE

Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.

WELL'S STATIC WATER LEVEL **9.57** ft. below land surface measured on mo/day/yr **11-24-81**

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: **8** in. to **62.0** 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
2 Irrigation	4 Industrial	7 Lawn and garden only
		10 Observation 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:	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	10 Asbestos-cement
Blank casing diameter 4" in. to 4.5 ft., Dia. in. to ft., Dia. in. to ft.			11 Other (specify)
Casing height above land surface: 2.83' , weight lbs./ft. Wall thickness or gauge No. SCHEDULE 40			12 None used (open hole)
TYPE OF SCREEN OR PERFORATION MATERIAL:			
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 4.5 ft. to 59.5 ft., From ft. to ft.		
	From ft. to ft., From ft. to ft.		
GRAVEL PACK INTERVALS:	From 3.5 ft. to 62.0 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 4/490
Grout Intervals: From 0 ft. to 2.5 ft., From ft. to ft., From ft. to ft.				BENTONITE
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)
Direction from well?			13 Insecticide storage	
			How many feet?	

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	0.7	CLAY (TOASON)			
0.7	4.9	CLAYS			
4.9	5.7	VILAS SHALE			
5.7	35.7	SPRINGHILL LS. MBR, PLATTSBURG LS.			
35.7	36.9	HICKORY CREEK SA. MAR., PLATTSBURG LS.			
36.9	53.0	MERRIAM LS. MAR., PLATTSBURG LS.			
53.0	53.0	BONNER SPRINGS SHALE			
55.0	62.0	FARLEY LS. MAR., WYANDOTTE FM.			

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. 1, 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>[Signature]</i>
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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.