

1 LOCATION OF WATER WELL: Fraction ~~NE~~ ~~SE~~ ~~NE~~ ~~SE~~ Section Number 18 Township Number T 13 S Range Number R 22 E/W
County: Johnson 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
City, State, ZIP Code: DESOTO, KANSAS
Board of Agriculture, Division of Water Resources
Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:
N
NW NE
SW SE
S
W E
1 Mile
4 DEPTH OF COMPLETED WELL: 62.0 ft. ELEVATION: 906.81 (to top of Brass Cap)
Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.
WELL'S STATIC WATER LEVEL 1487 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 7 7/8 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 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; 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 Clamped
1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded
2 PVC 4 ABS 7 Fiberglass Threaded
Blank casing diameter 4 in. to 13.0 ft., Dia. in. to ft., Dia. in. to ft.
Casing height above land surface 3.03 ft. weight lbs./ft. Wall thickness or gauge No. Sch 90
TYPE OF SCREEN OR PERFORATION MATERIAL: 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 13.0 ft. to 58.5 ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 12.0 ft. to 62.0 ft., From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other Neat Cement w/ 9% Bentonite
Grout Intervals: From 0.0 ft. to 16.0 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
0.0'	3.5'	CLAY			
3.5'	5.0'	CLAYEY SILT			
5.0'	9.5'	CLAY			
9.5'	10.0'	GRAVELLY CLAY			
10.0'	13.0'	CLAY			
13.0'	14.0'	SILTY SAND			
14.0'	16.2'	SAND			
16.2'	17.6'	SILTY SAND			
17.6'	24.0'	Merriman Ls MBR - Plattsbury Ls FM			
24.0'	37.8'	Bonner Spring Sh FM			
37.8'	62.0'	Farley Ls MBR - Wyandotte Ls 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) Nov 3, 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) John C. Maylan
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.