

1 LOCATION OF WATER WELL: County: Johnson Fraction: SE 1/4 NW 1/4 NW 1/4 Section Number: 20 Township Number: T 13 S Range Number: 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
 RR#, St. Address, Box #: SUNFLOWER ARMY AMMUNITION PLANT
 City, State, ZIP Code: DESDO, KANSAS

Board of Agriculture, Division of Water Resources
 Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: 37.0' ft. ELEVATION: 917.85 (to top of concrete pad)

4 DEPTH OF COMPLETED WELL: 37.0' ft. ELEVATION: 917.85 (to top of concrete pad)

Depth(s) Groundwater Encountered 1. 11.27 ft. 2. 37.0 ft. 3. 11-24-81 ft.

WELL'S STATIC WATER LEVEL: 11.27 ft. below land surface measured on mo/day/yr 11-24-81

Pump test data: Well water was 8 ft. after 37.0 hours pumping 11-24-81 gpm

Est. Yield 8 gpm: Well water was 37.0 ft. after 11-24-81 hours pumping 11-24-81 gpm

Bore Hole Diameter: 8 in. to 37.0 ft., and 11-24-81 in. to 11-24-81 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 No

Water Well Disinfected? Yes No

5 TYPE OF BLANK CASING USED: 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued Clamped
 4 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded
 7 Fiberglass Threaded

Blank casing diameter 4 in. to 11.0 ft., Dia 11.0 in. to 11.0 ft., Dia 11.0 in. to 11.0 ft.

Casing height above land surface: 2.83 ft. weight 54 lbs./ft. Wall thickness or gauge No. 54

TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 11 Other (specify)
 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 11.0' ft. to 36.0' ft., From 11.0' ft. to 36.0' ft., From 11.0' ft. to 36.0' ft.

GRAVEL PACK INTERVALS: From 10.0' ft. to 37.0' ft., From 10.0' ft. to 37.0' ft., From 10.0' ft. to 37.0' ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other Neat Cement w/ 4%
 Grout Intervals: From 0.0' ft. to 9.0' ft., From 0.0' ft. to 9.0' ft., From 0.0' ft. to 9.0' 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
0.0'	3.0'	CLAY			
3.0'	5.5'	SANDY SILT			
5.5'	11.7'	CLAY			
11.7'	12.5'	SAND			
12.5'	13.0'	CLAY			
13.0'	17.8'	Stoner LS MBR- Stanton LS FM			
17.8'	26.6'	Eudora sh MBR- Stanton LS FM			
26.6'	33.3'	CAPTAIN MBR CK LS MBR- Stanton LS FM			
33.3'	37.0'	Vilas sh 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. 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) John E. 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.