WATER WELL RECORD Form WWC-5 KSA 82a-1212 88-13

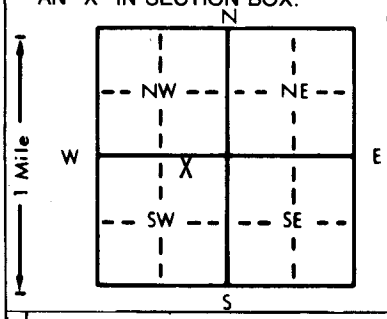
1 LOCATION OF WATER WELL: County: JOHNSON	Fraction: SW ¼ NE ¼ NW ¼	Section Number: 13	Township Number: T 13 S	Range Number: R 21 (E) W

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

2 WATER WELL OWNER: SUNFLOWER ARMY AMMUNITION PLANT
RR#, St. Address, Box # : ATTN: SMCSU-EV
City, State, ZIP Code : DeSOTO, KS 66018-0640

Board of Agriculture, Division of Water Resources Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:



4 DEPTH OF COMPLETED WELL 20.2 ft. ELEVATION: 906.4

Depth(s) Groundwater Encountered 1. 13.0 ft. 2. ft. 3. ft.

WELL'S STATIC WATER LEVEL 9.1 ft. below land surface measured on mo/day/yr 5/22/88

Pump test data: Well water was ft. after hours pumping gpm

Est. Yield <1 gpm: Well water was ft. after hours pumping gpm

Bore Hole Diameter 9 in. to 8.5 ft., and 5.63 in. to 21.0 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) 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: 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 X

Blank casing diameter 4 in. to 10.2 ft., Dia in. to ft., Dia in. to ft.

Casing height above land surface 26 in., weight lbs./ft. Wall thickness or gauge No. 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: 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 10.2 ft. to 20.2 ft., From ft. to ft.
From ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From 8.3 ft. to 21.0 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

Grout Intervals: From 0 ft. to 8.3 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 NO Production

Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	7.8	Silty Clay			
7.8	13.0	South Bend Limestone			
13.0	20.5	Rock Lake Shale and Sandstone			
20.5	21.00	Stoner Limestone			

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) 5/20/88 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. This Water Well Record was completed on (mo/day/yr) 8/1/88 under the business name of US ARMY ENVIRONMENTAL HYGIENE AGENCY by (signature) Gary Kenneth

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, Bureau of Water Protection, Topeka, Kansas 66620-7320. Telephone: 913-296-5514. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY T R E/W SEC. ¼ ¼ ¼