Form 3-3

WATER WELL RECORD Form WWC-5 KSA 82a-1212 ID No. 045 MW005

1 LOCATION OF WATER WELL:	Fraction	Section Number	Township Number	Range Number
County: JOHNSON	~~NE~~ ¼ NW ¼ SE ¼	12	T 13 S	R 21 (E) W

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

045MW005 @ SUNFLOWER ARMY AMMUNITION PLANT NEAR DESOTO, KS

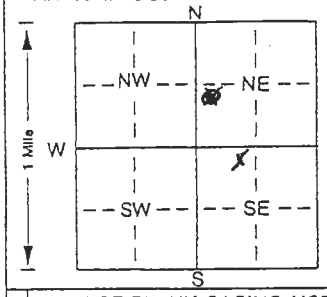
2 WATER WELL OWNER: US ARMY CORPS OF ENGRS

RR#, St. Address, Box #: 601 E. 12TH STREET

City, State, ZIP Code: KANSAS CITY, MO 64106

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: 25.7 ft. ELEVATION:

Depth(s) Groundwater Encountered 1. 20 ft. 2. ft. 3. ft.

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

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 in. to 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 Domestic (lawn & garden) (10) Monitoring well

Was a chemical/bacteriological sample submitted to Department? Yes No X; If yes, mo/day/yrs sample was submitted

Water Well Disinfected? Yes No X

5 TYPE OF BLANK CASING USED: 5 Wrought iron 8 Concrete tile; 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below); (2) PVC 4 ABS 7 Fiberglass

CASING JOINTS: Glued Clamped; Welded; Threaded X

Blank casing diameter 2 in. to 10.0 ft., Dia in. to ft., Dia in. to ft.

Casing height above land surface 34.8 in., 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: 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) ft.

SCREEN-PERFORATED INTERVALS: From 10.0 ft. to 25.6 ft., From ft. to ft.; From ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From 7.7 ft. to 25.7 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 4.7 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 ABANDON MUNITIONS PLANT

Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	2.1	BROWN SAND CLAY			
2.1	15.9	BROWN SAND SILT CLAY			
15.9	17.4	CLAYEY SAND & GRAVEL			
17.4	25.7	CLAY W/SAND & GRAVEL			

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BUREAU OF WATER

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) 3/27/03 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No. 704 This Water Well Record was completed on (mo/day/yr) 3/27/03 under the business name of Maxs by (signature) David Dengler

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, Topeka, Kansas 66620-0001. Telephone 785-296-5524. Send one to WATER WELL OWNER and retain one for your records. Fee of $5.00 for each constructed well.