Form 3-3

WATER WELL RECORD Form WWC-5 KSA 82a-1212 ID No. 047MW038

1 LOCATION OF WATER WELL:	Fraction	Section Number	Township Number	Range Number
County: JOHNSON	NE ¼ SW ¼ SW 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?

047MW038 @ 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:

N / NW / NE / W / E / SW / SE / S — X

4 DEPTH OF COMPLETED WELL 34.5 ft. ELEVATION:

Depth(s) Groundwater Encountered 1. 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: 1 Domestic 2 Irrigation 3 Feedlot 4 Industrial 5 Public water supply 6 Oil field water supply 7 Domestic (lawn & garden) 8 Air conditioning 9 Dewatering (10) Monitoring well 11 Injection well 12 Other (Specify below)

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

CASING JOINTS: Glued Clamped Welded Threaded X

Blank casing diameter 2 in. to 24.3 ft., Dia in. to ft., Dia in. to ft.

Casing height above land surface 36 in., weight lbs./ft. Wall thickness or gauge No. SCHEDULE 40

TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 2 Brass 3 Stainless steel 4 Galvanized steel 5 Fiberglass 6 Concrete tile 7 PVC 8 RMP (SR) 9 ABS 10 Asbestos-cement 11 Other (specify) 12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot 2 Louvered shutter 3 Mill slot 4 Key punched 5 Gauzed wrapped 6 Wire wrapped 7 Torch cut 8 Saw cut 9 Drilled holes 10 Other (specify) 11 None (open hole)

SCREEN-PERFORATED INTERVALS: From 24.3 ft. to 34.3 ft., From ft. to ft.
From ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From 22.5 ft. to 34.5 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 22.5 ft., From ft. to ft., From ft. to ft.

What is the nearest source of possible contamination: 1 Septic tank 2 Sewer lines 3 Watertight sewer lines 4 Lateral lines 5 Cess pool 6 Seepage pit 7 Pit privy 8 Sewage lagoon 9 Feedyard 10 Livestock pens 11 Fuel storage 12 Fertilizer storage 13 Insecticide storage 14 Abandoned water well 15 Oil well/Gas well (16) Other (specify below) ABANDONED MUNITIONS FACILITY

Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	4	CLAYEY SOIL 10YR 2/1			
4	7.5	SANDY W/CLAY 10YR 4/3			
7.5	20	CLAYEY SOIL W/SAND 7.5YR 4/3			
20	25	SANDY SOIL W/CLAY 10YR 4/3			
25	34	SANDY SOIL W/CLAY 10YR 5/4			
34	34.5	LIMESTONE			

RECEIVED
OCT 25 2004
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) 9/27/04 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) 9/27/04 under the business name of MAXS by (signature) David Hughes

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.