Form 3-3

WATER WELL RECORD Form WWC-5 KSA 82a-1212 ID No. 045MW003

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

045MW003 @ 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 — X — W — E — 1 Mile — SW — SE — S

4 DEPTH OF COMPLETED WELL 42.5 ft. ELEVATION:

Depth(s) Groundwater Encountered 1. 34.5 ft. 2. ft. 3. ft.

WELL'S STATIC WATER LEVEL 32 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 8 1/4 in. to 42.5 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 22.0 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 22.0 ft. to 42.0 ft., From ft. to ft.; From ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From 18.5 ft. to 42.5 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 15.5 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 FACILITY

Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	34	BROWN SANDY CLAY			
34	42	BROWN SAND			
42	42.5	L.S			

RECEIVED

DEC 09 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) 3/27/04 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) 3/27/04 under the business name of MAIS by (signature) David Hough

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.