

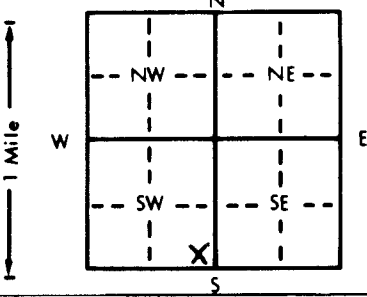
1 LOCATION OF WATER WELL: Fraction SE 1/4 SE 1/4 SW 1/4 Section Number 20 Township Number T 12 S Range Number R 22 E

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

1/2 mile north of DeSoto

2 WATER WELL OWNER: Sunflower Army Ammunition Plant
 RR#, St. Address, Box # :
 City, State, ZIP Code : DeSoto, Kansas
 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... 56... ft. ELEVATION: ... 792...
 Depth(s) Groundwater Encountered 1... 24... ft. 2... ft. 3... ft.
 WELL'S STATIC WATER LEVEL ... 24... ft. below land surface measured on mo/day/yr ... 1/26/82 ...



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 .4... in. to ... 56... 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 Lawn and garden only 10 Observation well
 Was a chemical/bacteriological sample submitted to Department? Yes... x... No...; If yes, mo/day/yr sample was submitted 2/1/82
 Water Well Disinfected? Yes X No

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

Blank casing diameter ... 1 1/2... in. to ... 37... ft., Dia ... in. to ... ft., Dia ... in. to ... ft.
 Casing height above land surface... in., weight .578 lbs./ft. Wall thickness or gauge No. ...

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

SCREEN-PERFORATED INTERVALS: From ... 37... ft. to ... 52... ft., From ... ft. to ... ft.
 GRAVEL PACK INTERVALS: From ... 10... ft. to ... 52... ft., From ... ft. to ... ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other
 Grout Intervals: From ... 0... ft. to ... 10... ft., From ... ft. to ... ft., From ... ft. to ... ft.

What is the nearest source of possible contamination:
 1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/Gas well
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below)
 Kansas River
 Direction from well? north How many feet? 6,500

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0.0	1.0	Topsoil			
1.0	7.0	Black silty clay, moist, medium			
7.0	16.0	Light brown & trace gray silty sandy clay			
16.0	32.0	Brown fine to very fine sand			
32.0	35.0	Gray medium sand, w/clay, trace coarse & fine sand			
35.0	45.0	Gray medium sand, w/coarse & fine sand			
45.0	52.1	Brownish gray medium to coarse sand, w/gravel & boulders, trace fine sand			
52.1	56.0	Gray shale			
56.0	Total	Depth			

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) ... 1/26/82... and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. ... 149... This Water Well Record was completed on (mo/day/yr) ... 2/22/82... under the business name of Layne-Western Company, Inc. by (signature) [Signature]

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.

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SEC.
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SE 1/4
SE 1/4
SW 1/4