

1 LOCATION OF WATER WELL: County: <b>Johnson</b>	Fraction <b>SE 1/4 SE 1/4 NE 1/4</b>	Section Number <b>30</b>	Township Number <b>T 13 S</b>	Range Number <b>R 22 EW</b>
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Distance and direction from nearest town or city street address of well if located within city?

**2 Miles SW of Desoto, KS**

2 WATER WELL OWNER: RR#, St. Address, Box # : <b>US Army Sunflower Army Ammunition Plant</b> <b>PO Box 640, 35425 W. 103rd St.</b>	Board of Agriculture, Division of Water Resources Application Number:
City, State, ZIP Code : <b>DeSoto, KS 66018</b>	

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:	4 DEPTH OF COMPLETED WELL: <b>30.1</b> ft. ELEVATION: <b>918.20</b>
	Depth(s) Groundwater Encountered 1. . . . . ft. 2. . . . . ft. 3. . . . . ft.
	WELL'S STATIC WATER LEVEL <b>27.03</b> ft. below land surface measured on mo/day/yr <b>05/12/95</b>
	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 <b>10</b> in. to <b>31.2</b> 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 <b>10</b> Monitoring well
	Was a chemical/bacteriological sample submitted to Department? Yes . . . . . No <b>X</b> ; If yes, mo/day/yr sample was submitted
	Water Well Disinfected? Yes . . . . . No <b>X</b>

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)
<b>OPVC</b>	4 ABS	7 Fiberglass	Welded . . . . .
			Threaded <b>X</b>
Blank casing diameter <b>2</b> in. to <b>20.07</b> ft., Dia . . . . . in. to . . . . . ft., Dia . . . . . in. to . . . . . ft.			
Casing height above land surface <b>33.6</b> in., weight <b>0.70</b> lbs./ft. Wall thickness or gauge No. <b>Sch. 40</b>			
TYPE OF SCREEN OR PERFORATION MATERIAL:	<b>OPVC</b>	10 Asbestos-cement	
1 Steel	3 Stainless steel	5 Fiberglass	8 RMP (SR)
2 Brass	4 Galvanized steel	6 Concrete tile	9 ABS
			11 Other (specify) . . . . .
			12 None used (open hole)
SCREEN OR PERFORATION OPENINGS ARE:	5 Gauzed wrapped	8 Saw cut	11 None (open hole)
1 Continuous slot	<b>3</b> Mill slot	6 Wire wrapped	9 Drilled holes
2 Louvered shutter	4 Key punched	7 Torch cut	10 Other (specify) . . . . .
SCREEN-PERFORATED INTERVALS: From <b>20.07</b> ft. to <b>30.1</b> ft., From . . . . . ft. to . . . . . ft.			
GRAVEL PACK INTERVALS: From <b>17.5</b> ft. to <b>31.2</b> ft., From . . . . . ft. to . . . . . ft.			

6 GROUT MATERIAL:	1 Neat cement	<b>2</b> Cement grout	<b>3</b> Bentonite	4 Other
Grout Intervals: From <b>0</b> ft. to <b>14</b> ft., From <b>14</b> ft. to <b>17.5</b> 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
	2 Sewer lines	5 Cess pool	8 Sewage lagoon	11 Fuel storage
	3 Watertight sewer lines	6 Seepage pit	9 Feedyard	12 Fertilizer storage
				14 Abandoned water well
				15 Oil well/Gas well
				<b>16</b> Other (specify below)
				<b>SWMU 36</b>
Direction from well?				How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	3.5	02 SANDY SILT			
3.5	4.0	03 CLAYEY SILT			
4.0	5.0	07/08 MED SAND SILT / SILTY SAND			
5.0	8.2	03 CLAYEY SILT			
8.2	8.5	03 FINE SANDY SILT			
8.5	12.0	04 FINE SANDY CLAYEY SILT			
12.0	19.5	02 SILT			
19.5	21.0	03 CLAYEY SILT			
21.0	24.0	02 SANDY SILT			
24.0	26.5	03 CLAYEY SILT			
26.5	26.8	08 GRAY MED WET SAND LENS			
26.8	27.5	03 CLAYEY SILT			
27.5	30.5	03 VERY CLAYEY SILT			
30.5	31.2	17 SHALE			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was <b>1</b> constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) <b>03/25/95</b> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <b>107</b> This Water Well Record was completed on (mo/day/yr) <b>1-11-96</b> under the business name of <b>LAYNE, INC.</b> by (signature) <i>[Signature]</i>
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