

1 LOCATION OF WATER WELL:	Fraction	Section Number	Township Number	Range Number
County: <u>McPherson</u>	<u>SW</u> $\frac{1}{4}$ <u>SW</u> $\frac{1}{4}$ <u>NE</u> $\frac{1}{4}$	<u>32</u>	T <u>18</u> S	R <u>3</u> EW <u>(1)</u>

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

2 WATER WELL OWNER: <u>Argonne Nat'l Labs - Mid Kansas Elevations</u>	Board of Agriculture, Division of Water Resources
RR#, St. Address, Box # : <u>Hilton, Kansas</u>	Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:	4 DEPTH OF COMPLETED WELL <u>177.5</u> 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 <u>17.5</u> 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 <u>(10) Monitoring well</u> Was a chemical/bacteriological sample submitted to Department? Yes No <u>X</u> If yes, mo/day/yr sample was sub- mitted Water Well Disinfected? Yes No <u>X</u>

5 TYPE OF BLANK CASING USED:	5 Wrought iron	8 Concrete tile	CASING JOINTS: Glued Clamped
1 Steel	6 Asbestos-Cement	9 Other (specify below)	Welded
<u>(2) PVC</u>	7 Fiberglass		Threaded <u>X</u>
Blank casing diameter in. to <u>14.4</u> ft., Dia. <u>4</u> in. to <u>16.4-16.9</u> ft., Dia. in. to ft.			
Casing height above land surface in., weight <u>2.03</u> lbs./ft. Wall thickness or gauge No. <u>Sch 40</u> <u>.237</u>			
TYPE OF SCREEN OR PERFORATION MATERIAL:	<u>(7) PVC</u>	10 Asbestos-cement	
1 Steel	8 RMP (SR)	11 Other (specify)	
2 Brass	9 ABS	12 None used (open hole)	
3 Stainless steel			
4 Galvanized steel			
5 Fiberglass	5 Gauzed wrapped	8 Saw cut	11 None (open hole)
6 Concrete tile	6 Wire wrapped	9 Drilled holes	
SCREEN OR PERFORATION OPENINGS ARE:	7 Torch cut	10 Other (specify)	
1 Continuous slot	<u>(3) Mill slot</u>		
2 Louvered shutter	4 Key punched		
SCREEN-PERFORATED INTERVALS: From <u>14.4</u> ft. to <u>16.4</u> ft., From ft. to ft.			
GRAVEL PACK INTERVALS: From <u>14.1</u> ft. to <u>17.5</u> ft., From ft. to ft.			

6 GROUT MATERIAL:	1 Neat cement	<u>(2) Cement grout</u>	<u>(3) Bentonite</u>	<u>(4) Other blotter sand</u>
Grout Intervals: From <u>13.5</u> ft. to <u>14.1</u> ft., From <u>0</u> ft. to <u>13.3</u> ft., From <u>13.3</u> ft. to <u>13.5</u> ft.				
What is the nearest source of possible contamination:	10 Livestock pens	14 Abandoned water well		
1 Septic tank	11 Fuel storage	15 Oil well/Gas well		
2 Sewer lines	12 Fertilizer storage	16 Other (specify below)		
3 Watertight sewer lines	13 Insecticide storage	<u>Grain Storage</u>		
4 Lateral lines	How many feet? <u>250</u>			
5 Cess pool				
6 Seepage pit				
7 Pit privy				
8 Sewage lagoon				
9 Feedyard				

Direction from well? <u>NE</u>	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
	Top Soil			
	Gr. Br Silty Clay			
	Tan			
	some sd			
	Red Clayey Silt			
	Tan Silty Clay			
	Red Gray Clay - caliche layers			
	Red Tan Clayey Silt			
	Tan Sand			
	Red BEDS			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was <u>(1)</u> constructed, <u>(2)</u> reconstructed, or <u>(3)</u> plugged under my jurisdiction and was completed on (mo/day/year) <u>8-30-96</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>581</u> This Water Well Record was completed on (mo/day/yr) <u>9-5-96</u> under the business name of <u>Layne Western</u> by (signature) <u>John Mitchell</u>
