

1 LOCATION OF WATER WELL:	Fraction	Section Number	Township Number	Range Number
County: <u>Nemaha</u>	<u>SW</u> $\frac{1}{4}$ <u>SW</u> $\frac{1}{4}$ <u>NW</u> $\frac{1}{4}$	<u>32</u>	<u>T</u> <u>4</u> <u>S</u>	<u>R</u> <u>11</u> <u>EW</u>

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

2 mi E and 4 mi S of Vermillion Kansas

2 WATER WELL OWNER: <u>Kansas Geological Survey</u>	Board of Agriculture, Division of Water Resources
RR#, St. Address, Box #: <u>1930 Constant Avenue, Campus West</u>	Application Number:
City, State, ZIP Code: <u>Lawrence, Kansas 66044</u>	

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:	4 DEPTH OF COMPLETED WELL: <u>350</u> ft. ELEVATION: <u>1390+</u>
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	Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.
	WELL'S STATIC WATER LEVEL <u>143.8</u> ft. below land surface measured on mo/day/yr <u>8/2/83</u>
	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 <u>9.7/8</u> in. to <u>354</u> ft., and in. to ft.
WELL WATER TO BE USED AS:	
1 Domestic	5 Public water supply
3 Feedlot	8 Air conditioning
6 Oil field water supply	11 Injection well
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 <u>(No)</u> ; If yes, mo/day/yr sample was submitted	
Water Well Disinfected? Yes <u>(No)</u>	

5 TYPE OF BLANK CASING USED:	5 Wrought iron	8 Concrete tile	CASING JOINTS <u>Glued</u> Clamped
1 Steel	3 RMP (SR)	6 Asbestos-Cement	9 Other (specify below)
2 <u>PVC</u>	4 ABS	7 Fiberglass	10 Asbestos-cement
			11 Other (specify)
			12 None used (open hole)

Blank casing diameter <u>5</u> in. to <u>350</u> ft., Dia in. to ft.
Casing height above land surface <u>orig. 24</u> in., weight lbs./ft. Wall thickness or gauge No. <u>Schd. 40</u>

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

SCREEN OR PERFORATION OPENINGS ARE:	5 Gauzed wrapped	8 <u>Saw cut</u>	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)

SCREEN-PERFORATED INTERVALS:	From <u>333</u> ft. to <u>350</u> ft., From ft. to ft.
GRAVEL PACK INTERVALS:	From <u>329</u> ft. to <u>350</u> ft., From ft. to ft.
cuttings	From <u>10</u> ft. to <u>179</u> ft., From ft. to ft.

6 GROUT MATERIAL:	1 <u>Neat cement</u>	2 Cement grout	3 Bentonite	4 Other
Grout Intervals: From <u>179</u> ft. to <u>329</u> ft., From <u>0</u> ft. to <u>10</u> 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
2 Sewer lines	5 Cess pool	8 Sewage lagoon
3 Watertight sewer lines	6 Seepage pit	9 Feedyard
		11 Fuel storage
		12 Fertilizer storage
		13 Insecticide storage
		15 Oil well/Gas well
		16 Other (specify below)

Direction from well?	How many feet?
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FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	2	Topsoil			
2	88	tan silty clay w/sand & gravel			
88	120	gray silty clay w/sand & gravel			
120	195	gray fine sand & silt			
195	235	gray silty sandy clay			
235	280	gray fine sand & clay silt			
280	310	gray silty sandy clay			
310	315	gravel			
315	335	gray silty sandy clay w/some gravel			
335	354	sand & gravel			
354		gray shale			
		60' N of $\frac{1}{2}$ mi fence			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was <u>(1) constructed</u> , (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) <u>4/14/81</u> (but not fully developed) and this record is true to the best of my knowledge and belief. Kansas
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Water Well Contractor's License No. This Water Well Report was completed on (mo/day/yr) <u>2/28/84</u>
under the business name of <u>KGS</u> by (signature) <u>Gene B. Shaw</u>

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.

OFFICE USE ONLY

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EW

SEC.

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SW

SW

SW

SW

SW