

1 LOCATION OF WATER WELL:		Fraction	Section Number	Township Number	Range Number
County: <u>Morton</u>		<u>NW 1/4</u> <u>NW 1/4</u> <u>NW 1/4</u>	<u>9</u>	<u>T 34</u> <u>S</u>	<u>R 40</u> <u>E/W</u>
Distance and direction from nearest town or city street address of well if located within city? <u>3 miles SW of Rolla, KS</u>					
2 WATER WELL OWNER: <u>Crandell B-4</u>		<u>Cities Service</u>		Board of Agriculture, Division of Water Resources	
RR#, St. Address, Box #		<u>Box 318</u>		Application Number: <u>T 84-640</u>	
City, State, ZIP Code		<u>Liberal, KS 67901</u>			
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL: <u>300</u> ft. ELEVATION:			
		Depth(s) Groundwater Encountered 1. <u>160</u> ft. 2. <u>160</u> ft. 3. <u>160</u> ft.			
		WELL'S STATIC WATER LEVEL <u>140</u> ft. below land surface measured on mo/day/yr <u>9/15/84</u>			
		Pump test data: Well water was <u>155</u> ft. after <u>2</u> hours pumping <u>65</u> gpm			
		Est. Yield <u>70</u> gpm; Well water was <u>155</u> ft. after <u>2</u> hours pumping <u>65</u> gpm			
		Bore Hole Diameter <u>9</u> in. to <u>300</u> ft. and <u>300</u> in. to <u>300</u> ft.			
		WELL WATER TO BE USED AS:			
		5 Public water supply 8 Air conditioning 11 Injection well 1 Domestic 3 Feedlot <u>6 Oil field water supply</u> 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>X</u> No <u>X</u> ; If yes, mo/day/yr sample was submitted			
		Water Well Disinfected? Yes <u>X</u> No <u>X</u>			
5 TYPE OF BLANK CASING USED:		CASING JOINTS: Glued <u>X</u> Clamped			
1 Steel 3 RMP (SR)		Welded			
<u>2 PVC</u> 4 ABS		Threaded			
Blank casing diameter <u>5</u> in. to <u>200</u> ft. Dia		5 Wrought iron 8 Concrete tile			
Casing height above land surface <u>14</u> in. weight <u>200</u> lbs./ft. Wall thickness or gauge No. <u>0.265</u>		6 Asbestos-Cement 9 Other (specify below)			
TYPE OF SCREEN OR PERFORATION MATERIAL:		7 Fiberglass			
1 Steel 3 Stainless steel 5 Fiberglass		8 RMP (SR)			
2 Brass 4 Galvanized steel 6 Concrete tile		9 ABS			
SCREEN OR PERFORATION OPENINGS ARE:		10 Asbestos-cement			
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			
SCREEN-PERFORATED INTERVALS: From <u>140</u> ft. to <u>300</u> ft.		10 Other (specify)			
GRAVEL PACK INTERVALS: From <u>135</u> ft. to <u>300</u> ft.					
6 GROUT MATERIAL: <u>1 Neat cement</u> 2 Cement grout 3 Bentonite 4 Other					
Grout Intervals: From <u>0</u> ft. to <u>10</u> 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 <u>15 Oil well/Gas well</u>			
3 Watertight sewer lines 6 Seepage pit 9 Feedyard		12 Fertilizer storage 16 Other (specify below)			
13 Insecticide storage					
Direction from well? <u>SE</u>		How many feet? <u>200</u>			
FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
<u>0</u>	<u>2</u>	<u>Top Soil</u>			
<u>2</u>	<u>35</u>	<u>Sand</u>			
<u>35</u>	<u>80</u>	<u>Sand</u>			
<u>80</u>	<u>100</u>	<u>Sand & clay streaks</u>			
<u>100</u>	<u>120</u>	<u>Sand & clay streaks</u>			
<u>120</u>	<u>160</u>	<u>Medium Sand</u>			
<u>160</u>	<u>200</u>	<u>Sand & clay</u>			
<u>200</u>	<u>260</u>	<u>Fine Sand & clay</u>			
<u>260</u>	<u>300</u>	<u>Fine Sand & clay streaks</u>			
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) <u>9/15/84</u> and this record is true to the best of my knowledge and belief. Kansas					
Water Well Contractor's License No. <u>142</u> This Water Well Record was completed on (mo/day/yr) <u>9/20/84</u>					
under the business name of <u>T&W Water Well Service</u> by (signature) <u>Ch. Wagner</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.					