

<b>1 LOCATION OF WATER WELL:</b>		<b>Fraction</b>		<b>Section Number</b>		<b>Township Number</b>		<b>Range Number</b>	
County: <u>Gray</u>		NW 1/4 NW 1/4 NW 1/4		7		T 29 S		R 30 EW	
Distance and direction from nearest town or city street address of well if located within city?									
<u>1 Mile West &amp; 1/4 Mile North of Copeland</u>									
<b>2 WATER WELL OWNER:</b> <u>Leone McDougal Trust</u>									
RR#, St. Address, Box #: <u>Route 2 Box 81</u>						Board of Agriculture, Division of Water Resources			
City, State, ZIP Code: <u>Copeland, Kansas 67837</u>						Application Number: <u>10152</u>			
<b>3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:</b>				<b>4 DEPTH OF COMPLETED WELL:</b> <u>390</u> ft. <b>ELEVATION:</b> _____					
				Depth(s) Groundwater Encountered 1. <u>302</u> ft. 2. <u>360</u> ft. 3. <u>385</u> ft.					
				WELL'S STATIC WATER LEVEL <u>238'</u> ft. below land surface measured on mo/day/yr <u>9-29-91</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>26</u> in. to <u>390</u> ft., and _____ in. to _____ ft.				WELL WATER TO BE USED AS:					
1 Domestic				3 Feedlot		6 Oil field water supply		9 Dewatering	
2 <u>Irrigation</u>				4 Industrial		7 Lawn and garden only		10 Monitoring well	
5 Public water supply				8 Air conditioning		11 Injection well			
12 Other (Specify below)									
Was a chemical/bacteriological sample submitted to Department? Yes _____ No <u>X</u> If yes, mo/day/yr sample was submitted _____									
Water Well Disinfected? Yes <u>X</u> No _____									
<b>5 TYPE OF BLANK CASING USED:</b>									
1 Steel		3 RMP (SR)		5 Wrought iron		8 Concrete tile		CASING JOINTS: Glued _____ Clamped _____	
2 <u>PVC</u>		4 ABS		6 Asbestos-Cement		9 Other (specify below)		Welded _____	
				7 Fiberglass				Threaded <u>riveted</u>	
Blank casing diameter <u>16</u> in. to <u>330</u> ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.									
Casing height above land surface <u>12</u> in., weight _____ lbs./ft. Wall thickness or gauge No. _____									
<b>TYPE OF SCREEN OR PERFORATION MATERIAL:</b>									
1 Steel		3 Stainless steel		5 Fiberglass		7 <u>PVC</u>		10 Asbestos-cement	
2 Brass		4 Galvanized steel		6 Concrete tile		8 <u>RMP (SR)</u>		11 Other (specify) _____	
						9 ABS		12 None used (open hole)	
<b>SCREEN OR PERFORATION OPENINGS ARE:</b>									
1 Continuous slot		3 Mill slot		5 Gauzed wrapped		8 <u>Saw cut</u>		11 None (open hole)	
2 Louvered shutter		4 Key punched		6 Wire wrapped		9 <u>Drilled holes</u>			
				7 Torch cut		10 Other (specify) _____			
<b>SCREEN-PERFORATED INTERVALS:</b> From <u>330</u> ft. to <u>390</u> ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.									
<b>GRAVEL PACK INTERVALS:</b> From <u>20</u> ft. to <u>390</u> ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.									
<b>6 GROUT MATERIAL:</b> 1 <u>Neat cement</u> 2 Cement grout 3 Bentonite 4 Other _____									
Grout Intervals: From <u>0</u> ft. to <u>20</u> 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 <u>Feedyard</u>		12 Fertilizer storage		16 Other (specify below)	
						13 Insecticide storage			
Direction from well? <u>3 mile west</u>				How many feet? <u>3 mile</u>					
<b>FROM</b>		<b>TO</b>		<b>LITHOLOGIC LOG</b>		<b>FROM</b>		<b>TO</b>	
0		15		Topsoil & clay		203		204	
15		30		Clay & little lime		204		210	
30		45		Clay & little lime & little f. sand		210		220	
45		60		Clay & little lime		220		229	
60		75		Clay & little lime & sand		229		234	
75		80		Sand & little cemented sand (hard)		234		238	
80		85		Clay & lime		238		241	
85		90		Clay		241		255	
90		105		Clay & sand		255		270	
105		120		Sand & clay & little lime		270		285	
120		135		Sand & little clay		285		290	
135		150		Sand		290		300	
150		165		Sand & little clay		300		301	
165		195		Sand		301		302	
195		203		Sand & 3' clay		302		343	
<b>7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION:</b> This water well was (1) <u>constructed</u> , (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) <u>10-2-91</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>223</u> This Water Well Record was completed on (mo/day/yr) <u>10-29-90</u> under the business name of <u>Dunham Drilling Company</u> by (signature) <u>Karen Dunham</u>									

343	346	Cemented sand (very hard)
346	358	Clay
358	360	Sand (fine)
360	374	Sand
374	375	Cemented sand
375	386	Clay & little lime
386	390	Sand & cemented sand (hard)