

1 LOCATION OF WATER WELL		Fraction		Section Number		Township Number		Range Number					
County: <u>Gray</u>		NE $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$		31		T 28 S		R 30 EW					
Distance and direction from nearest town or city?					Street address of well if located within city?								
<u>1 1/2 North to 144 West 1 mile 1 Mile N 1/2 mile E - of Copeland, KS</u>													
2 WATER WELL OWNER: <u>Leonard Ward</u>					Board of Agriculture, Division of Water Resources								
RR#, St. Address, Box #: <u>Route 1 Box 6</u>					Application Number: <u>10,223</u>								
City, State, ZIP Code: <u>Copeland, Kansas 67837</u>													
3 DEPTH OF COMPLETED WELL: <u>330</u> ft. Bore Hole Diameter: <u>26</u> in. to <u>330</u> ft. and <u>  </u> in. to <u>  </u> 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    10 Observation well								
Well's static water level <u>159</u> ft. below land surface measured on <u>January</u> month <u>15th</u> day <u>1981</u> year													
Pump Test Data: Well water was <u>182</u> ft. after <u>2</u> hours pumping. <u>1100</u> gpm													
Est. Yield <u>1200</u> gpm: Well water was <u>  </u> ft. after <u>  </u> hours pumping <u>  </u> gpm													
4 TYPE OF BLANK CASING USED:					Casing Joints: Glued <u>  </u> Clamped <u>  </u>								
1 <u>Steel</u> 3 RMP (SR)      6 Asbestos-Cement      9 Other (specify below)      Welded <u>XX</u>													
2 <u>PVC</u> 4 ABS      7 Fiberglass      Threaded <u>  </u>													
Blank casing dia <u>16</u> in. to <u>330</u> ft. Dia <u>  </u> in. to <u>  </u> ft. Dia <u>  </u> in. to <u>  </u> ft.													
Casing height above land surface <u>12</u> in., weight <u>  </u> lbs./ft. Wall thickness or gauge No. <u>219</u>													
TYPE OF SCREEN OR PERFORATION MATERIAL:					7 PVC      10 Asbestos-cement								
1 <u>Steel</u> 3 Stainless steel      5 Fiberglass      8 RMP (SR)      11 Other (specify) <u>  </u>													
2 <u>Brass</u> 4 Galvanized steel      6 Concrete tile      9 ABS      12 None used (open hole)													
Screen or Perforation Openings Are:					5 Gauzed wrapped      8 Saw cut      11 None (open hole)								
1 Continuous slot      3 Mill slot      6 Wire wrapped      9 Drilled holes <u>Bridge</u>													
2 Louvered shutter      4 Key punched      7 Torch cut      10 Other (specify) <u>  </u>													
Screen-Perforation Dia <u>16</u> in. to <u>80</u> ft. Dia <u>  </u> in. to <u>  </u> ft. Dia <u>  </u> in. to <u>  </u> ft.													
Screen-Perforated Intervals: From <u>250</u> ft. to <u>330</u> ft. From <u>  </u> ft. to <u>  </u> ft. From <u>  </u> ft. to <u>  </u> ft.													
Gravel Pack Intervals: From <u>10</u> ft. to <u>330</u> ft. From <u>  </u> ft. to <u>  </u> ft. From <u>  </u> ft. to <u>  </u> ft.													
5 GROUT MATERIAL: 1 <u>Neat cement</u> 2 Cement grout      3 Bentonite      4 Other <u>  </u>													
Grouted Intervals: From <u>0</u> ft. to <u>10</u> ft. From <u>  </u> ft. to <u>  </u> ft. From <u>  </u> ft. to <u>  </u> ft.													
What is the nearest source of possible contamination: <u>None</u>					10 Fuel storage      14 Abandoned water well								
1 Septic tank      4 Cess pool      7 Sewage lagoon      11 Fertilizer storage      15 Oil well/Gas well													
2 Sewer lines      5 Seepage pit      8 Feed yard      12 Insecticide storage      16 Other (specify below)													
3 Lateral lines      6 Pit privy      9 Livestock pens      13 Watertight sewer lines													
Direction from well <u>  </u> How many feet <u>  </u> ? Water Well Disinfected? Yes <u>X</u> No <u>  </u>													
Was a chemical/bacteriological sample submitted to Department? Yes <u>  </u> No <u>X</u> If yes, date sample <u>  </u>													
was submitted <u>  </u> month <u>  </u> day <u>  </u> year: Pump Installed? Yes <u>  </u> No <u>  </u>													
If Yes: Pump Manufacturer's name <u>Layne Bowler</u> Model No. <u>1961</u> HP <u>120</u> Volts <u>  </u>													
Depth of Pump Intake <u>260</u> ft. Pumps Capacity rated at <u>1200</u> gal./min.													
Type of pump: 1 Submersible      2 Turbine      3 Jet      4 Centrifugal      5 Reciprocating      6 Other <u>  </u>													
6 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) <u>constructed</u> , (2) <u>reconstructed</u> , or (3) <u>plugged</u> under my jurisdiction and was completed on <u>January</u> month <u>25</u> day <u>1981</u> year													
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 <u>May</u> month <u>25</u> day <u>1981</u> year under the business name of <u>Dunham Drilling Company</u> by (signature) <u>Karen Dunham</u>													
7 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		FROM		TO		LITHOLOGIC LOG		FROM		TO		LITHOLOGIC LOG	
		0		30		Clay		150		157		Sand	
		30		45		Clay, lime & sand		157		162		Clay	
		45		48		Sand		162		167		Sand	
		48		49		Cemented Sand		167		173		Clay & little cemented sand	
		49		75		Clay, little lime & Sand		173		174		Cemented Sand	
		75		90		Sand & little clay		174		180		Clay & little cemented sand	
		90		105		Sand, clay & little lime		180		195		Clay yellow & blue	
		105		120		Sand, clay & lime		195		204		Clay blue	
		120		124		Sand		204		208		Sand, lime & clay	
		124		138		Clay		208		213		Sand & cemented sand	
138		150		Sand & some clay		213		225		/Sand & little CS & clay			
ELEVATION:		138		150		Sand & some clay		213		225		/Sand & little CS & clay	
Depth(s) Groundwater Encountered 1. <u>  </u> ft. 2. <u>  </u> ft. 3. <u>  </u> ft. 4. <u>  </u> ft. (Use a second sheet if needed)													

OFFICE USE ONLY

T 28

R 30

EW

SEC. 31

NE 1/4

SE 1/4

SW 1/4

1 LOCATION OF WATER WELL		Fraction		Section Number		Township Number		Range Number	
County: _____		1/4      1/4      1/4				T      S		R      E/W	
Distance and direction from nearest town or city?					Street address of well if located within city?				
2 WATER WELL OWNER:									
RR#, St. Address, Box # : _____					Board of Agriculture, Division of Water Resources				
City, State, ZIP Code : _____					Application Number: _____				
3 DEPTH OF COMPLETED WELL: _____ ft. Bore Hole Diameter: _____ in. to _____ ft., and _____ in. to _____ ft.									
Well Water to be used as:									
1 Domestic		3 Feedlot		5 Public water supply		8 Air conditioning		11 Injection well	
2 Irrigation		4 Industrial		6 Oil field water supply		9 Dewatering		12 Other (Specify below)	
				7 Lawn and garden only		10 Observation well			
Well's static water level: _____ ft. below land surface measured on _____ month _____ day _____ year									
Pump Test Data: Well water was _____ ft. after _____ hours pumping _____ gpm									
Est. Yield _____ gpm: Well water was _____ ft. after _____ hours pumping _____ gpm									
4 TYPE OF BLANK CASING USED:									
1 Steel		3 RMP (SR)		5 Wrought iron		8 Concrete tile		Casing Joints: Glued _____ Clamped _____	
2 PVC		4 ABS		6 Asbestos-Cement		9 Other (specify below)		Welded _____	
				7 Fiberglass				Threaded _____	
Blank casing dia _____ in. to _____ ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.									
Casing height above land surface: _____ in., weight _____ lbs./ft. Wall thickness or gauge No _____									
TYPE OF SCREEN OR PERFORATION MATERIAL:									
1 Steel		3 Stainless steel		5 Fiberglass		7 PVC		10 Asbestos-cement	
2 Brass		4 Galvanized steel		6 Concrete tile		8 RMP (SR)		11 Other (specify) _____	
						9 ABS		12 None used (open hole)	
Screen or Perforation Openings Are:									
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			
				7 Torch cut		10 Other (specify) _____			
Screen-Perforation Dia _____ in. to _____ ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.									
Screen-Perforated Intervals: From _____ ft. to _____ ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.									
Gravel Pack Intervals: From _____ ft. to _____ ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.									
5 GROUT MATERIAL:									
1 Neat cement		2 Cement grout		3 Bentonite		4 Other _____			
Grouted Intervals: From _____ ft. to _____ ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.									
What is the nearest source of possible contamination:									
1 Septic tank		4 Cess pool		7 Sewage lagoon		10 Fuel storage		14 Abandoned water well	
2 Sewer lines		5 Seepage pit		8 Feed yard		11 Fertilizer storage		15 Oil well/Gas well	
3 Lateral lines		6 Pit privy		9 Livestock pens		12 Insecticide storage		16 Other (specify below)	
						13 Watertight sewer lines			
Direction from well _____ How many feet _____? Water Well Disinfected? Yes _____ No _____									
Was a chemical/bacteriological sample submitted to Department? Yes _____ No _____ If yes, date sample was submitted _____ month _____ day _____ year: Pump Installed? Yes _____ No _____									
If Yes: Pump Manufacturer's name _____ Model No. _____ HP _____ Volts _____									
Depth of Pump Intake _____ ft. Pumps Capacity rated at _____ gal./min.									
Type of pump: 1 Submersible 2 Turbine 3 Jet 4 Centrifugal 5 Reciprocating 6 Other									
6 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on _____ month _____ day _____ year, and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. _____ This Water Well Record was completed on _____ month _____ day _____ year under the business name of _____ by (signature) _____									
7 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:									
		FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG		
		225	255	Sand	345	360	Sand & Clay		
		255	270	Sand & little cemented sand	360	363	Clay & Lime		
		270	283	Sand	363	371	Sand & Clay		
		283	285	Clay	371	375	Clay & Lime		
		285	293	Clay, lime and cem. sand					
		293	319	Sand					
		319	320	Cemented Sand					
		320	324	Clay and cemented sand					
		324	328	Clay					
328	330	Sand							
330	345	Clay & Sand							
ELEVATION:									
Depth(s) Groundwater Encountered 1. _____ ft. 2. _____ ft. 3. _____ ft. 4. _____ ft. (Use a second sheet if needed)									
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, Water Well Contractors, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.									