

1 LOCATION OF WATER WELL:		Fraction County: Gray	NW $\frac{1}{4}$	SW $\frac{1}{4}$	NW $\frac{1}{4}$	Section Number 5	T 27	S	R 30	Range Number EW																																																																																																																																																																																
Distance and direction from nearest town or city street address of well if located within city? 12 3/4 North of Copeland																																																																																																																																																																																										
2 WATER WELL OWNER:		James Koehn 19506 2 Road Copeland, Kansas 67837																																																																																																																																																																																								
		Board of Agriculture, Division of Water Resources Application Number: 5258																																																																																																																																																																																								
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL: 180 ft. ELEVATION: Depth(s) Groundwater Encountered: 1. 141 ft. 2. 150 ft. 3. 165 ft. WELL'S STATIC WATER LEVEL: 135 ft. below land surface measured on mo/day/yr 4-22-96 . Pump test data: Well water was ft. after hours pumping gpm Est. Yield: 300 gpm: Well water was ft. after hours pumping gpm Bore Hole Diameter: 26 in. to 180 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 10 Monitoring well																																																																																																																																																																																								
		Was a chemical/bacteriological sample submitted to Department? Yes No X If yes, mo/day/yr sample was submitted Water Well Disinfected? Yes X No																																																																																																																																																																																								
5 TYPE OF BLANK CASING USED:		5 Wrought iron	8 Concrete tile	CASING JOINTS: Glued X Clamped																																																																																																																																																																																						
1 Steel	3 RMP (SR)	6 Asbestos-Cement	9 Other (specify below)	Welded																																																																																																																																																																																						
2 PVC	4 ABS	7 Fiberglass		Threaded																																																																																																																																																																																						
Blank casing diameter: 16 in. to 140 ft. Dia.		in. to ft. Dia in. to ft.																																																																																																																																																																																								
Casing height above land surface: 12 in. weight		lbs./ft. Wall thickness or gauge No. CL160																																																																																																																																																																																								
TYPE OF SCREEN OR PERFORATION MATERIAL:		7 PVC	10 Asbestos-cement																																																																																																																																																																																							
1 Steel	3 Stainless steel	5 Fiberglass	8 RMP (SR)	11 Other (specify)																																																																																																																																																																																						
2 Brass	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																																																																																																																																																																																							
2 Louvered shutter	4 Key punched	7 Torch cut	10 Other (specify)																																																																																																																																																																																							
SCREEN-PERFORATED INTERVALS: From 140 ft. to 180 ft.		From ft. to ft.																																																																																																																																																																																								
From ft. to ft.		From ft. to ft.																																																																																																																																																																																								
GRAVEL PACK INTERVALS: From 20 ft. to 180 ft.		From ft. to ft.																																																																																																																																																																																								
From ft. to ft.		From ft. to ft.																																																																																																																																																																																								
6 GROUT MATERIAL: 1 Neat cement		2 Cement grout	3 Bentonite	4 Other																																																																																																																																																																																						
Grout Intervals: From 0 ft. to 20 ft.		From ft. to 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 Feedyard	12 Fertilizer storage	16 Other (specify below)																																																																																																																																																																																						
Direction from well?																																																																																																																																																																																										
<table border="1"> <thead> <tr> <th>FROM</th> <th>TO</th> <th>LITHOLOGIC LOG</th> <th>FROM</th> <th>TO</th> <th colspan="6">PLUGGING INTERVALS</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>15</td> <td>Topsoil & clay</td> <td>120</td> <td>130</td> <td colspan="6">Clay & little lime</td> </tr> <tr> <td>15</td> <td>23</td> <td>Fine Sand & Clay</td> <td>130</td> <td>135</td> <td colspan="6">Cemented sand (hard & very hard) & cl.</td> </tr> <tr> <td>23</td> <td>30</td> <td>Clay & little lime</td> <td>135</td> <td>141</td> <td colspan="6">Clay</td> </tr> <tr> <td>30</td> <td>36</td> <td>Clay & little lime (hard)</td> <td>141</td> <td>144</td> <td colspan="6">Sand</td> </tr> <tr> <td>36</td> <td>60</td> <td>Sand</td> <td>144</td> <td>150</td> <td colspan="6">Clay</td> </tr> <tr> <td>60</td> <td>68</td> <td>Sand & Gravel & little cemented sand</td> <td>150</td> <td>154</td> <td colspan="6">Sand</td> </tr> <tr> <td>68</td> <td>75</td> <td>Clay & little sand</td> <td>154</td> <td>162</td> <td colspan="6">Clay</td> </tr> <tr> <td>75</td> <td>88</td> <td>Sand & little clay & little cemented sand</td> <td></td> <td></td> <td colspan="6"></td> </tr> <tr> <td>88</td> <td>90</td> <td>Cemented sand (very hard)</td> <td>162</td> <td>165</td> <td colspan="6">Lime (hard & very hard)</td> </tr> <tr> <td>90</td> <td>92</td> <td>Cemented sand (hard)</td> <td>165</td> <td>172</td> <td colspan="6">Sand</td> </tr> <tr> <td>92</td> <td>101</td> <td>Clay & sand & cemented sand</td> <td>172</td> <td>177</td> <td colspan="6">Clay</td> </tr> <tr> <td>101</td> <td>102</td> <td>Cemented sand (very hard)</td> <td>177</td> <td>180</td> <td colspan="6">Clay & little lime</td> </tr> <tr> <td>102</td> <td>105</td> <td>Sand & little cemented sand</td> <td></td> <td></td> <td colspan="6"></td> </tr> <tr> <td>105</td> <td>113</td> <td>Sand & cemented sand</td> <td></td> <td></td> <td colspan="6"></td> </tr> <tr> <td>113</td> <td>120</td> <td>Clay & little lime</td> <td></td> <td></td> <td colspan="6"></td> </tr> </tbody> </table>											FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS						0	15	Topsoil & clay	120	130	Clay & little lime						15	23	Fine Sand & Clay	130	135	Cemented sand (hard & very hard) & cl.						23	30	Clay & little lime	135	141	Clay						30	36	Clay & little lime (hard)	141	144	Sand						36	60	Sand	144	150	Clay						60	68	Sand & Gravel & little cemented sand	150	154	Sand						68	75	Clay & little sand	154	162	Clay						75	88	Sand & little clay & little cemented sand									88	90	Cemented sand (very hard)	162	165	Lime (hard & very hard)						90	92	Cemented sand (hard)	165	172	Sand						92	101	Clay & sand & cemented sand	172	177	Clay						101	102	Cemented sand (very hard)	177	180	Clay & little lime						102	105	Sand & little cemented sand									105	113	Sand & cemented sand									113	120	Clay & little lime								
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7 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 (mo/day/year) 4-24-96 and this record is true to the best of my knowledge and belief. Kansas																																																																																																																																																																																										
Water Well Contractor's License No. 223 This Water Well Record was completed on (mo/day/yr) 5-7-96																																																																																																																																																																																										
under the business name of Dunham Drilling Company by (signature) <i>Karen Dunham</i>																																																																																																																																																																																										
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, Bureau of Water, Topeka, Kansas 66620-0001. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.																																																																																																																																																																																										