

1 LOCATION OF WATER WELL:		Fraction		Section Number		Township Number		Range Number																																																																																																	
County: Gray		SE 1/4 SE 1/4 SW 1/4		9		T 28 S		R 30 EW																																																																																																	
Distance and direction from nearest town or city street address of well if located within city? 1/2 mile East 5 Mile North 1/4 East of Copeland																																																																																																									
2 WATER WELL OWNER: Mr. Kenneth Dirks																																																																																																									
RR#, St. Address, Box # : 2802 AA Road						Board of Agriculture, Division of Water Resources																																																																																																			
City, State, ZIP Code : Copeland, Kansas 67837						Application Number: 6727																																																																																																			
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL: 290 ft. ELEVATION:																																																																																																							
		Depth(s) Groundwater Encountered 1. 196 ft. 2. 233 ft. 3. 272 ft. 4. 285 ft.																																																																																																							
		WELL'S STATIC WATER LEVEL 180 ft. below land surface measured on mo/day/yr 10-3-96																																																																																																							
		Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm																																																																																																							
		Est. Yield 900 gpm: Well water was _____ ft. after _____ hours pumping _____ gpm																																																																																																							
		Bore Hole Diameter 26 in. to 290 ft. and _____ in. to _____ ft.																																																																																																							
WELL WATER TO BE USED AS:																																																																																																									
1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below) 2 <u>Irrigation</u> 4 Industrial 7 Lawn and garden only 10 Monitoring well																																																																																																									
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 _____																																																																																																									
5 TYPE OF BLANK CASING USED:																																																																																																									
1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued <u>X</u> Clamped _____ 2 <u>PVC</u> 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded _____ 7 Fiberglass Threaded _____																																																																																																									
Blank casing diameter 16 in. to 230 ft. Dia _____ in. to _____ ft. Dia _____ in. to _____ ft.																																																																																																									
Casing height above land surface 24" in., weight _____ lbs./ft. Wall thickness or gauge No. CL160																																																																																																									
TYPE OF SCREEN OR PERFORATION MATERIAL:																																																																																																									
1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 11 Other (specify) _____ 12 None used (open hole)																																																																																																									
SCREEN OR PERFORATION OPENINGS ARE:																																																																																																									
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 Drilled holes 7 Torch cut 10 Other (specify) _____																																																																																																									
SCREEN-PERFORATED INTERVALS: From 230 ft. to 290 ft., From _____ ft. to _____ ft.																																																																																																									
GRAVEL PACK INTERVALS: From 20 ft. to 290 ft., From _____ ft. to _____ ft.																																																																																																									
6 GROUT MATERIAL: 1 Neat cement 2 <u>Cement grout</u> 3 Bentonite 4 Other _____																																																																																																									
Grout Intervals: From 0 ft. to 20 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 <u>Abandoned water well</u> 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) _____ 13 Insecticide storage																																																																																																									
Direction from well? Northeast How many feet? 1300																																																																																																									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>FROM</th> <th>TO</th> <th>LITHOLOGIC LOG</th> <th>FROM</th> <th>TO</th> <th>PLUGGING INTERVALS</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>30</td> <td>Topsoil, clay & little lime</td> <td>196</td> <td>207</td> <td>Sand & 1' Clay</td> </tr> <tr> <td>30</td> <td>90</td> <td>Clay & little lime</td> <td>207</td> <td>210</td> <td>Sand & cemented sand (little hard)</td> </tr> <tr> <td>90</td> <td>105</td> <td>Clay</td> <td>210</td> <td>215</td> <td>Sand (course) & little cemented sand</td> </tr> <tr> <td>105</td> <td>119</td> <td>Clay & little lime</td> <td>215</td> <td>218</td> <td>Cemented sand (hard)</td> </tr> <tr> <td>119</td> <td>120</td> <td>Lime (little hard)</td> <td>218</td> <td>225</td> <td>Sand (course & little cemented sand)</td> </tr> <tr> <td>120</td> <td>130</td> <td>Clay & lime (little hard)</td> <td>225</td> <td>228</td> <td>Cemented sand (little hard) & sand</td> </tr> <tr> <td>130</td> <td>133</td> <td>Lime (hard)</td> <td>228</td> <td>233</td> <td>Clay & lime (little hard)</td> </tr> <tr> <td>133</td> <td>135</td> <td>Clay & lime (little hard)</td> <td>233</td> <td>240</td> <td>Sand & 1' cemented sand (hard)</td> </tr> <tr> <td>135</td> <td>150</td> <td>Sand</td> <td>240</td> <td>248</td> <td>Clay & little lime (hard)</td> </tr> <tr> <td>150</td> <td>164</td> <td>Sand & 3' clay</td> <td>248</td> <td>255</td> <td>Cemented sand (hard) & sand</td> </tr> <tr> <td>164</td> <td>165</td> <td>Lime (hard)</td> <td>255</td> <td>272</td> <td>Clay & little lime (hard)</td> </tr> <tr> <td>165</td> <td>172</td> <td>Clay & little lime</td> <td>272</td> <td>275</td> <td>Sand (tight) & little cemented sand</td> </tr> <tr> <td>172</td> <td>180</td> <td>Sand</td> <td>275</td> <td>283</td> <td>Sand</td> </tr> <tr> <td>180</td> <td>194</td> <td>Sand & 1' Clay</td> <td>283</td> <td>285</td> <td>Clay</td> </tr> <tr> <td>194</td> <td>196</td> <td>Clay</td> <td>285</td> <td>294</td> <td>Sand, clay & little fine sand</td> </tr> </tbody> </table>										FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS	0	30	Topsoil, clay & little lime	196	207	Sand & 1' Clay	30	90	Clay & little lime	207	210	Sand & cemented sand (little hard)	90	105	Clay	210	215	Sand (course) & little cemented sand	105	119	Clay & little lime	215	218	Cemented sand (hard)	119	120	Lime (little hard)	218	225	Sand (course & little cemented sand)	120	130	Clay & lime (little hard)	225	228	Cemented sand (little hard) & sand	130	133	Lime (hard)	228	233	Clay & lime (little hard)	133	135	Clay & lime (little hard)	233	240	Sand & 1' cemented sand (hard)	135	150	Sand	240	248	Clay & little lime (hard)	150	164	Sand & 3' clay	248	255	Cemented sand (hard) & sand	164	165	Lime (hard)	255	272	Clay & little lime (hard)	165	172	Clay & little lime	272	275	Sand (tight) & little cemented sand	172	180	Sand	275	283	Sand	180	194	Sand & 1' Clay	283	285	Clay	194	196	Clay	285	294	Sand, clay & little fine sand
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7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) <u>constructed</u> , (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 10-4-96 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) 10-4-96 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.																																																																																																									

OFFICE USE ONLY

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