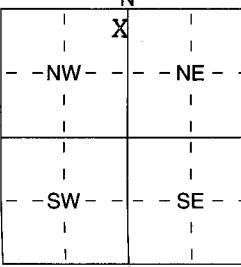


1 LOCATION OF WATER WELL:		Fraction County: Gray	$\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$	Section Number 21	Township Number T 28 S	Range Number R 30 E/W																																																																																																									
Distance and direction from nearest town or city street address of well if located within city? 4 1/2 North 1 1/2 East of Copeland																																																																																																															
2 WATER WELL OWNER:		Sherrill & Joyce Esau		Board of Agriculture, Division of Water Resources Application Number: 17989																																																																																																											
RR#, St. Address, Box #		300 E. Parks Avenue																																																																																																													
City, State, ZIP Code		Montezuma, Kansas 67867																																																																																																													
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL 380 ft. ELEVATION:  Depth(s) Groundwater Encountered 1 1.95 ft. 2 21.3 25.5 ft. 3 26.6 ft. WELL'S STATIC WATER LEVEL 1.90 ft. below land surface measured on mo/day/yr 5-29-06 ft. Pump test data: Well water was ft. after hours pumping gpm Est. Yield 1.200 gpm: Well water was ft. after hours pumping gpm 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 Domestic (lawn & garden) 10 Monitoring well Was a chemical/bacteriological sample submitted to Department? Yes No X If yes, mo/day/ys sample was submitted Water Well Disinfected? Yes X No																																																																																																													
5 TYPE OF BLANK CASING USED:		5 Wrought iron 1 Steel 2 PVC	6 Asbestos-Cement 3 RMP (SR) 4 ABS	8 Concrete tile 9 Other (specify below)	CASING JOINTS: Glued Clamped Welded Threaded																																																																																																										
Blank casing diameter	 1.6 in. to 0-240 ft., Dia 2.80-3.20 in. to 3.40-3.60 ft., Dia in. to ft.																																																																																																													
Casing height above land surface	 1.2 in., weight lbs./ft. Wall thickness or guage No. SDR 1.26																																																																																																												
TYPE OF SCREEN OR PERFORATION MATERIAL:																																																																																																															
1 Steel 2 Brass		3 Stainless Steel 4 Galvanized Steel	5 Fiberglass 6 Concrete tile	7 PVC 8 RMP (SR) 9 ABS	10 Asbestos-Cement 11 Other (Specify) 12 None used (open hole)																																																																																																										
SCREEN OR PERFORATION OPENINGS ARE:																																																																																																															
1 Continuous slot 2 Louvered shutter		3 Mill slot 4 Key punched	5 Guazed wrapped 6 Wire wrapped 7 Torch cut	8 Saw cut 9 Drilled holes 10 Other (specify)	11 None (open hole)																																																																																																										
SCREEN-PERFORATED INTERVALS: From 2.40-2.80 ft. to 3.20-3.40 ft., From 3.60-3.80 ft. to ft.																																																																																																															
From ft. to ft., From ft. to ft.																																																																																																															
GRAVEL PACK INTERVALS: From 2.0 ft. to 3.80 ft., From ft. to ft.																																																																																																															
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6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other.....																																																																																																															
Grout Intervals: From 0-1.6 Grout to 1.6-2.0 Bentonite ft. to ft., From ft. to ft.																																																																																																															
What is the nearest source of possible contamination:																																																																																																															
1 Septic tank 2 Sewer lines 3 Watertight sewer lines		4 Lateral lines 5 Cess pool 6 Seepage pit	7 Pit privy 8 Sewage lagoon 9 Feedyard	10 Livestock pens 11 Fuel storage 12 Fertilizer storage 13 Insecticide storage	14 Abandoned water well 15 Oil well/Gas well 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="2">PLUGGING INTERVALS</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>15</td> <td>Topsoil & clay</td> <td>177</td> <td>180</td> <td colspan="2">Clay & little lime</td> </tr> <tr> <td>15</td> <td>45</td> <td>Clay</td> <td>180</td> <td>195</td> <td colspan="2">Sand & 2' of clay</td> </tr> <tr> <td>45</td> <td>90</td> <td>Clay & little lime</td> <td>195</td> <td>198</td> <td colspan="2">Sand & gravel</td> </tr> <tr> <td>90</td> <td>103</td> <td>Clay (blue) & little lime</td> <td>198</td> <td>213</td> <td colspan="2">Clay & little lime</td> </tr> <tr> <td>103</td> <td>105</td> <td>Sand (fine)</td> <td>213</td> <td>223</td> <td colspan="2">Sand</td> </tr> <tr> <td>105</td> <td>116</td> <td>Clay (blue) & little lime</td> <td>223</td> <td>225</td> <td colspan="2">Lime (very hard)</td> </tr> <tr> <td>116</td> <td>120</td> <td>Clay & little lime</td> <td>225</td> <td>228</td> <td colspan="2">Clay & little lime (little hard)</td> </tr> <tr> <td>120</td> <td>133</td> <td>Sand</td> <td>228</td> <td>231</td> <td colspan="2">Sand</td> </tr> <tr> <td>133</td> <td>135</td> <td>Lime (hard) & clay</td> <td>231</td> <td>255</td> <td colspan="2">Clay & little lime</td> </tr> <tr> <td>135</td> <td>138</td> <td>Clay</td> <td>255</td> <td>258</td> <td colspan="2">Sand</td> </tr> <tr> <td>138</td> <td>154</td> <td>Sand</td> <td>258</td> <td>266</td> <td colspan="2">Clay & little lime</td> </tr> <tr> <td>154</td> <td>158</td> <td>Clay</td> <td>266</td> <td>270</td> <td colspan="2">Sand (little fine)</td> </tr> <tr> <td>158</td> <td>165</td> <td>Sand</td> <td>270</td> <td>272</td> <td colspan="2">Sand</td> </tr> <tr> <td>1654</td> <td>177</td> <td>Sand & 2' clay</td> <td>272</td> <td>281</td> <td colspan="2">Clay & little lime</td> </tr> </tbody> </table>							FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS		0	15	Topsoil & clay	177	180	Clay & little lime		15	45	Clay	180	195	Sand & 2' of clay		45	90	Clay & little lime	195	198	Sand & gravel		90	103	Clay (blue) & little lime	198	213	Clay & little lime		103	105	Sand (fine)	213	223	Sand		105	116	Clay (blue) & little lime	223	225	Lime (very hard)		116	120	Clay & little lime	225	228	Clay & little lime (little hard)		120	133	Sand	228	231	Sand		133	135	Lime (hard) & clay	231	255	Clay & little lime		135	138	Clay	255	258	Sand		138	154	Sand	258	266	Clay & little lime		154	158	Clay	266	270	Sand (little fine)		158	165	Sand	270	272	Sand		1654	177	Sand & 2' clay	272	281	Clay & little lime	
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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) 5-29-06 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No 223 This Water Well Record was completed on (mo/day/yr) 6-17-06 under the business name of Dunham Drilling Inc. by (signature)																																																																																																															