

1 LOCATION OF WATER WELL:		Fraction	Section Number	Township Number	Range Number
County: <u>Gray</u>		<u>SW</u> $\frac{1}{4}$ <u>SW</u> $\frac{1}{4}$ <u>NW</u> $\frac{1}{4}$	<u>15</u>	<u>T</u> <u>29</u> <u>S</u>	<u>R</u> <u>29</u> <u>E/W</u>
Distance and direction from nearest town or city street address of well if located within city? <u>4 1/2 South 2 West 1/2 South of Montezuma</u>					
2 WATER WELL OWNER: <u>Mr. Hal Hedlund</u>					
RR#, St. Address, Box # : <u>Box 158</u>			Board of Agriculture, Division of Water Resources		
City, State, ZIP Code : <u>Montezuma, Ks. 67867</u>			Application Number:		
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL: <u>280</u> ft. ELEVATION:			
		Depth(s) Groundwater Encountered 1. <u>232</u> ft. 2. <u>240</u> ft. 3. <u> </u> ft.			
		WELL'S STATIC WATER LEVEL <u>140</u> ft. below land surface measured on mo/day/yr <u>10-22-97</u>			
		Pump test data: Well water was <u> </u> ft. after <u> </u> hours pumping <u> </u> gpm			
		Est. Yield <u>15</u> gpm: Well water was <u> </u> ft. after <u> </u> hours pumping <u> </u> gpm			
		Bore Hole Diameter <u>10</u> in. to <u>280</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 Monitoring well			
Was a chemical/bacteriological sample submitted to Department? Yes <u> </u> No <u>X</u> If yes, mo/day/yr sample was submitted <u> </u>					
Water Well Disinfected? Yes <u>X</u> No <u> </u>					
5 TYPE OF BLANK CASING USED:					
1 Steel		3 RMP (SR)		5 Wrought iron	
2 PVC		4 ABS		6 Asbestos-Cement	
				7 Fiberglass	
Blank casing diameter <u>5</u> in. to <u>150</u> ft. Dia <u>5</u> in. to <u>190-260</u> ft. Dia <u> </u> in. to <u> </u> ft.		8 Concrete tile			
Casing height above land surface <u>24</u> in. weight <u> </u> lbs./ft. Wall thickness or gauge No. <u>0-200</u> SSSDR21		9 Other (specify below)			
TYPE OF SCREEN OR PERFORATION MATERIAL:		CASING JOINTS: Glued <u> </u> Clamped <u> </u>			
1 Steel		3 Stainless steel		5 Fiberglass	
2 Brass		4 Galvanized steel		6 Concrete tile	
				7 PVC	
SCREEN OR PERFORATION OPENINGS ARE:		5 Gauzed wrapped		8 Saw cut	
1 Continuous slot		3 Mill slot		6 Wire wrapped	
2 Louvered shutter		4 Key punched		7 Torch cut	
				8 Other (specify)	
SCREEN-PERFORATED INTERVALS: From <u>160</u> ft. to <u>190</u> ft. From <u>260</u> ft. to <u>280</u> ft.		11 None (open hole)			
GRAVEL PACK INTERVALS: From <u>13</u> ft. to <u>280</u> ft. except for 3' 135' 138' above water level					
6 GROUT MATERIAL:					
1 Neat cement		2 Cement grout		3 Bentonite	
4 Other					
Grout intervals: From <u>3</u> ft. to <u>13</u> ft. From <u>135</u> ft. to <u>138</u> ft. From <u> </u> ft. to <u> </u> ft.					
What is the nearest source of possible contamination:					
1 Septic tank		4 Lateral lines		7 Pit privy	
2 Sewer lines		5 Cess pool		8 Sewage lagoon	
3 Watertight sewer lines		6 Seepage pit		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? <u>East downhill</u> How many feet? <u>300</u>					
FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	45	Topsoil, clay & little lime	225	232	Cl y & little fine sand
45	71	Clay & little lime	232	233	Sand
71	75	Sand	233	240	Clay (yellow)
75	90	Clay & little lime	240	255	Cemented Sand (hard) & sandstone & clay
90	105	Clay & little sand			
105	120	Sand & little clay	255	263	Cemented Sand (h rd) & sandstone
120	135	Sand			(hard & dirty & Clay
135	136	Cemented sand (very hard)	263	270	Sandstone (hard & dirty)
136	150	Sand & clay	270	280	Shale (very hard & gray)
150	158	Sand			
158	165	Lime (very hard) & little clay			
165	167	Lime (very hard)			
167	178	Clay & Sand			
178	180	Lime (hard)			
180	225	Clay & little lime			
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) <u>10/24/97</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>11/10/97</u> under the business name of <u>Dunham Drilling, Inc.</u> by (signature) <u>Karen Dunham</u>					