

1 LOCATION OF WATER WELL:	Fraction	Section Number	Township Number	Range Number
County: Gray	NW 1/4 SW 1/4 NW 1/4	5	T 27 S	R 30 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	Board of Agriculture, Division of Water Resources
RR#, St. Address, Box #: 19506 2 Road	Application Number: 5258
City, State, ZIP Code: Copeland, Kansas 67837	

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 <u>Irrigation</u> 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	Welded
2 <u>PVC</u>	4 ABS	7 Fiberglass	Threaded
Blank casing diameter 16 in. to 140 ft. Dia			
Casing height above land surface 12 in., weight _____ lbs./ft. Wall thickness or gauge No. CL160			
TYPE OF SCREEN OR PERFORATION MATERIAL:	7 <u>PVC</u>	10 Asbestos-cement	
1 Steel	3 Stainless steel	5 Fiberglass	8 RMP (SR)
2 Brass	4 Galvanized steel	6 Concrete tile	9 ABS
SCREEN OR PERFORATION OPENINGS ARE:	5 Gauzed wrapped	8 <u>Saw cut</u>	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.			
GRAVEL PACK INTERVALS: From 20 ft. to 180 ft.			

6 GROUT MATERIAL:	1 Neat cement	2 Cement grout	3 <u>Bentonite</u>	4 Other
Grout Intervals: From 0 ft. to 20 ft.				
What is the nearest source of possible contamination:	10 Livestock pens	14 Abandoned water well		
1 Septic tank	4 Lateral lines	7 Pit privy	11 Fuel storage	15 Oil well/Gas well
2 Sewer lines	5 Cess pool	8 Sewage lagoon	12 Fertilizer storage	16 Other (specify below)
3 Watertight sewer lines	6 Seepage pit	9 Feedyard	13 Insecticide storage	
Direction from well?		How many feet?		

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) & clay
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			

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) 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>
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