

1 LOCATION OF WATER WELL:		Fraction	Section Number	Township Number	Range Number
County: Gray		NE 1/4 NE 1/4 NE 1/4	32	T 28 S	R 30 E/W
Distance and direction from nearest town or city street address of well if located within city? 1/2 mile East & 2 North of Copeland					
2 WATER WELL OWNER: Hal Bogart					
RR#, St. Address, Box #: 30005 3 Road				Board of Agriculture, Division of Water Resources	
City, State, ZIP Code: Copeland, Kansas 67837				Application Number:	
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL 420 ft. ELEVATION:			
		Depth(s) Groundwater Encountered 1 232 ft. 2 255 ft. 3 270 ft. 4 312 ft.			
		WELL'S STATIC WATER LEVEL 210 ft. below land surface measured on mo/day/yr Oct. 2, 2009			
		Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm			
		Est. Yield 10 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/yr sample was submitted Water Well Disinfected? Yes X No					
5 TYPE OF BLANK CASING USED:					
1 Steel 3 RMP (SR)		5 Wrought iron		8 Concrete tile	
2 PVC 4 ABS		6 Asbestos-Cement		9 Other (specify below)	
		7 Fiberglass		CASING JOINTS: Glued X Clamped _____	
Blank casing diameter _____ in. to 0-240 ft. Dia 5" in. to 260-28 ft. Dia 5" in. to 320-400				Welded _____	
Casing height above land surface 12 in., weight _____ lbs./ft. Wall thickness or gauge No. SDR26				Threaded _____	
TYPE OF SCREEN OR PERFORATION MATERIAL:					
1 Steel 3 Stainless Steel 5 Fiberglass		7 PVC		10 Asbestos-Cement	
2 Brass 4 Galvanized Steel 6 Concrete tile		8 RMP (SR)		11 Other (Specify) _____	
		9 ABS		12 None used (open hole)	
SCREEN OR PERFORATION OPENINGS ARE:					
1 Continuous slot 3 Mill slot		5 Gauzed wrapped		8 Saw cut 11 None (open hole)	
2 Louvered shutter 4 Key punched		6 Wire wrapped		9 Drilled holes	
		7 Torch cut		10 Other (specify) _____ ft.	
SCREEN-PERFORATED INTERVALS: From 240-260 ft. to 280-320 ft., From 300-420 ft. to _____ ft.					
GRAVEL PACK INTERVALS: From _____ ft. to _____ ft., From _____ ft. to _____ ft.					
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other _____					
Grout Intervals: From 20-16 ft. to 10-0 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)	
				13 Insecticide storage	
Direction from well? _____ How many feet? _____					
FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	15	Topsoil, clay & little lime	195	218	Sand
15	35	Clay & little lime	218	219	Lime (very hard)
35	84	Clay & little lime	219	225	Clay & little lime
84	90	Clay & little lime (hard)	225	232	Clay & little lime (very hard)
90	102	Clay with lime	232	240	Sand with cemented sand
102	105	Sand	240	247	Sand with cemented sand
105	120	Clay, lime & little sand	247	252	Lime (hard) & clay
120	135	Clay & sand	252	253	Sand
135	150	Sand & little clay	253	255	Lime (hard) & clay
150	156	Sand & little clay	255	266	Sand (tight) & little clay
156	159	Lime (very hard) & clay	266	267	Lime (very hard)
159	165	Sand & little lime	267	270	Clay & lime (hard)
165	180	Sand	270	280	Sand, clay & cemented sand
180	195	Sand & little clay	280	285	Lime (hard) & clay
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) October 2, 2009 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) 10-14-09 under the business name of Dunham Drilling Inc. by (signature) <i>Haen 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, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well.					

285	293	Sand & clay
293	300	Clay with lime (very very hard)
300	312	Clay with lime (very very hard)
312	315	Cemented sand (very very hard & little sand
315	318	Lime (very very hard)
318	342	Clay & little lime
342	345	Lime (hard) & clay
345	370	Clay & little lime
370	389	Lime (very hard) with clay
389	396	Clay
396	414	Lime (hard & very hard) & clay
414	417	Rock (very very hard)
417	420	Shale (very hard) (gray & red)