

1 LOCATION OF WATER WELL:	Fraction	Section Number	Township Number	Range Number
County: Haskell	CW 1/4 1/4 SW 1/4	22	T 28 S	R 31 E/W

Distance and direction from nearest town or city street address of well if located within city?

1 1/2 North, 3 west, 2 north, 1 west, 1/4 north & 1/4 mile east of Copeland

2 WATER WELL OWNER: Walter J. Helmke	Board of Agriculture, Division of Water Resources
RR#, St. Address, Box #: 318 North New Street RR 3	Application Number: 14827
City, State, ZIP Code: Pratt, Kansas 67214	

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:	4 DEPTH OF COMPLETED WELL: 460 ft. ELEVATION:
	Depth(s) Groundwater Encountered 1. 285 ft. 2. 320 ft. 3. 390 ft. 4. 425 ft.
	WELL'S STATIC WATER LEVEL 278 ft. below land surface measured on mo/day/yr 5-15-98
	Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
	Est. Yield 1000 gpm: Well water was _____ ft. after _____ hours pumping _____ gpm
	Bore Hole Diameter 26 in. to 460 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 Irrigation 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 & Chambered
1 Steel	3 RMP (SR)	6 Asbestos-Cement	9 Other (specify below)
2 PVC	4 ABS	7 Fiberglass	10 Asbestos-cement
Blank casing diameter 16 in. to 0 - 320 ft. Dia 16 in. to 380-400 ft. Dia 16 in. to 420 - 440 ft.			
Casing height above land surface 12 in. weight _____ lbs./ft. Wall thickness or gauge No. CL120			
TYPE OF SCREEN OR PERFORATION MATERIAL:	7 PVC	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 Saw cut	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 300 ft. to 380 ft.	From 400 ft. to 420 ft.	
	From 440 ft. to 460 ft.	From _____ ft. to _____ ft.	
GRAVEL PACK INTERVALS:	From 20 ft. to 460 ft.	From _____ ft. to _____ ft.	
	From _____ ft. to _____ ft.	From _____ ft. to _____ ft.	

6 GROUT MATERIAL:	1 Neat cement	2 Cement grout	3 Bentonite	4 Other
Grout Intervals: From 0 ft. to 20 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)
Direction from well? Southwest			How many feet? 1/4 Mile	

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	31	Topsoil & clay & little lime	278	282	Clay
31	115	Clay & little lime	282	285	Sand & clay
115	120	Sand & clay	285	297	Sand & 2' Clay (little fine)
120	128	Sand	297	302	Clay
128	132	Clay & lime	302	315	Sand & 1' Clay & little lime
132	135	Clay (gummy)	315	320	Clay & little lime
135	150	Sand & little clay	320	330	Sand
150	180	Sand	330	343	Sand & 1' Clay
180	186	Clay & little sand	343	345	Clay
186	195	Sand & little cemented sand XXXXXX	345	360	Blue Clay & little cem. sand & sand
195	200	Clay & little lime	360	372	Blue clay & little lime & sand 1. fin
200	210	Sand	372	375	Sand (little course) (blue)
210	225	Sand & little cemented sand & gravel	375	390	Clay (blue) & little lime & sand (blu
225	270	Sand	390	398	Clay (blue) & little lime
270	278	Sand & 2' Clay	398	401	Sand & little cemented sand (C & VG)

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) 5-15-98 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) 6-2-98 under the business name of Dunham Drilling Inc. by (signature) Karen Dunham

401	405	Clay
405	425	Clay & little lime
425	435	Sand & little cemented sand & clay
435	450	Sand & Clay
450	455	Clay & little lime & little sand
455	460	Clay & lime