

1 LOCATION OF WATER WELL:	Fraction	Section Number	Township Number	Range Number
County <u>Haskell</u>	<u>NW</u> $\frac{1}{4}$ <u>NW</u> $\frac{1}{4}$ <u>NE</u> $\frac{1}{4}$	<u>36</u>	<u>T</u> <u>27</u> <u>S</u>	<u>R</u> <u>31</u> <u>E/W</u>

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

1 1/2 mile North 3 mile West 6 Mile North 1 mile East 1 Mile N 1/2 E Of Copeland

2 WATER WELL OWNER: <u>Garetson Brothers</u>	Board of Agriculture, Division of Water Resources
RR#, St. Address, Box #: <u>2394 120th Road</u>	Application Number: <u>8157 &amp; HS3</u>
City, State, ZIP Code: <u>Copeland, Kansas 67837</u>	

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:	4 DEPTH OF COMPLETED WELL <u>428'</u> ft. ELEVATION:
	Depth(s) Groundwater Encountered 1 <u>269</u> ft. 2 <u>405</u> ft. 3 <u>411</u> ft. WELL'S STATIC WATER LEVEL <u>253</u> ft. below land surface measured on mo/day/yr <u>5-15-06</u> Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm Est. Yield _____ gpm Well water was _____ ft. after _____ hours pumping _____ gpm 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 Domestic (lawn & garden) 10 Monitoring well _____
	Was a chemical/bacteriological sample submitted to Department? Yes _____ No <u>X</u> ; If yes, mo/day/yr sample was submitted _____ Water Well Disinfected? Yes <u>X</u> No _____

5 TYPE OF BLANK CASING USED:	5 Wrought iron	8 Concrete tile	CASING JOINTS: Glued <u>&amp; Bolted</u>
1 Steel	6 Asbestos-Cement	9 Other (specify below)	Welded _____
2 PVC	7 Fiberglass		Threaded _____
3 RMP (SR)			
4 ABS			
Blank casing diameter <u>1.6</u> in. to <u>0-398</u> ft. Dia _____ in. to _____ ft. Dia _____ in. to _____ ft.			
Casing height above land surface <u>12</u> in., weight _____ lbs./ft. Wall thickness or gauge No. <u>SDR126</u>			
TYPE OF SCREEN OR PERFORATION MATERIAL:	7 PVC	10 Asbestos-Cement	
1 Steel	8 RMP (SR)	11 Other (Specify) _____	
2 Brass	9 ABS	12 None used (open hole)	
3 Stainless Steel			
4 Galvanized Steel			
5 Fiberglass			
6 Concrete tile			
SCREEN OR PERFORATION OPENINGS ARE:	5 Gauzed wrapped	8 Saw cut	11 None (open hole)
1 Continuous slot	6 Wire wrapped	9 Drilled holes	
2 Louvered shutter	7 Torch cut	10 Other (specify) _____ ft.	
4 Key punched			
SCREEN-PERFORATED INTERVALS: From <u>398</u> ft. to <u>418</u> ft. From <u>418</u> ft. to <u>428</u> ft.			
GRAVEL PACK INTERVALS: From <u>20-4</u> ft. to <u>428</u> ft. From _____ ft. to _____ ft.			

6 GROUT MATERIAL:	1 Neat cement	2 Cement grout	3 Bentonite	4 Other _____
Grout Intervals: From <u>1.6</u> ft. to <u>20</u> ft. From <u>Bentonite</u> <u>16</u> to <u>0</u> Grout ft. From _____ ft. to _____ ft.				
What is the nearest source of possible contamination:	10 Livestock pens	14 Abandoned water well		
1 Septic tank	11 Fuel storage	15 Oil well/Gas well		
2 Sewer lines	12 Fertilizer storage	16 Other (specify below)		
3 Watertight sewer lines	13 Insecticide storage			
4 Lateral lines				
5 Cess pool				
6 Seepage pit				
7 Pit privy				
8 Sewage lagoon				
9 Feedyard				
Direction from well?	How many feet?			

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	38	Clay & little lime	230	240	Sand with coarse gravel
38	45	Clay, lime & little fine sand	240	241	Coarse Gravel
45	75	Clay & fine sand	241	248	Sand with coarse gravel
75	90	Sand (fine) & clay	248	249	Cemented sand
90	105	Clay & little lime	249	250	Coarse Gravel
105	113	Sand & little cemented sand	250	251	Sand
113	120	Clay & little lime	251	252	Cemented sand
120	126	Clay & little lime	252	259	Sand
126	135	Sand & 2' clay	259	261	Cemented sand
135	165	Sand & Gravel & cemented sand	261	267	Sand & little cemented sand
165	180	Sand & gravel	267	269	Cemented sand
180	210	Sand	269	274	Sand
210	225	Sand, little gravel & clay	274	275	Cemented sand
225	230	Sand	275	288	Sand

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) <u>5-15-06</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No <u>223</u> This Water Well Record was completed on (mo/day/yr) <u>5-12-06</u>
under the business name of <u>Dunham Drilling Inc.</u> by (signature) <u>Kalen Dunham</u>

288	290	Cemented Sand
290	293	Sand & cemented sand
293	300	Clay & cemented sand
300	311	Clay & cemented sand
311	312	Lime
312	315	Lime
315	330	Clay with lime
330	345	Clay & little lime
345	360	Clay & little lime
360	375	Clay & little lime
375	390	Clay & little lime
390	393	Clay & little lime
393	395	Sand (little fine)
395	405	Clay & little lime & little sand
405	410	Sand (tight( & little coarse
410	411	Cemented sand (hard
411	420	Sand (tight & coarse)
420	428	Sand (tight & loose & coarse & gravel
428	435	Shale (gray & red)