

SENATOR KELLY: Senator Kremer, I would use this minute or so for the record to have you talk on page 6, line 12, for geographic and stratographic. I believe geographic is understandable by the body. I am not sure that stratographic is.

SENATOR KREMER: Stratographic means the depth that you go down, the strata that you are in. As you move down, you move, Senator Kelly, as you move down in using this water you get into different stratas. Stratographic is the depth that you can go down.

SENATOR KELLY: Is it possible, say to be pumping from a hundred and fifty foot level four miles away and reduce the water in an aquifer that would be fifty feet above that through "a fissure between the two aquifers"?

SENATOR KREMER: Again, a time frame would be involved. I would say, yes, it could be. It may take a long period of time. I don't know. So different aquifers would act differently. We have a complicated system lying below the surface of the entire State of Nebraska. Some systems work one way. Some systems work another way and some of those systems are difficult to understand and they behave differently. It is a complex thing.

SENATOR KELLY: That is correct and you are trying to say in stratographic that the water in the aquifers that are "separated by impermeable material" we are still going to control those if the lower aquifer is depleting a higher aquifer?

SENATOR KREMER: It is very possible. Let me give you an example. We are told and have been told at least that the sandhills for example, are a great sponge and they absorb the rainfall there and it moves gradually to the southeast and after a while it gets to the Platte River, then what happens? Well we are told now that it goes down the Platte. On the other hand we do know that some of the Platte River water is gradually moving in to the Blue River area. In other words, we are getting transbasin diversion today whether we recognize it or not.

SENATOR KELLY: But it is under ground?

SENATOR KREMER: It is under ground. You can't see it. Probably a good thing.

SENATOR KELLY: Thank you very much, Senator Kremer. Thank you, Mr. President.