



RE: Underground mines and related subsidence potential in the Des Moines vicinity

Howes, Mary [DNR] to: Megan.Bradley@Kemin.com

12/03/2008 04:15 PM

Megan,

A little further research shows that there are two Eureka mines in the Des Moines area. Eureka No. 1 is about 3-1/2 miles south of the lease block for Eureka No. 2. The Sanborn maps for 1884 and 1891 had what they call "specials" for a Eureka Mine (no number specified). "Specials" are small inset maps that, unfortunately, don't have usable locations. Given the dates of the Sanborn maps and operating dates of the two mines, it could be either mine. However, I suspect it is not the mine you are concerned about. In any case, the Sanborn maps can do much more than confirm that a mine was operating since they don't have any information about the underground extent of the mining operations that they show.

Feel free to contact me if you have additional questions.

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From: Megan.Bradley@Kemin.com [mailto:Megan.Bradley@Kemin.com]

Sent: Tuesday, December 02, 2008 4:25 PM

To: Howes, Mary [DNR]

Subject: Underground mines and related subsidence potential in the Des Moines vicinity

Hi Mary,

I work for Kemin Industries in Des Moines. We are currently in negotiations to purchase a property that we believe may have been an underground coal mine. In our research of the land there appeared to be several mines in the area. I have done a lot of internet searches today and your name kept coming up. You seem to be the resident expert on the subject.

Can you help me in this area? Our main concerns are if the ground is stable, if there is a risk of methane gas that might cause a sink hole or an explosion and if we buy the property over the coal mine are we responsible for the mine?

The area that we are looking at is plotted in this area. Twp. 79 Range 24 Section 36

I would greatly appreciate any of your insight into this.

Kind Regards,

Megan Bradley

*Coal Mine
Information for
2111 E 17th*