

KANSAS GEOLOGICAL SURVEY

1930 Constant Ave., Campus West
The University of Kansas
Lawrence, Kansas 66047-3726
phone 785-864-3965
fax 785-864-5317

July 1, 2005

Mr. Randy Snider
USDA, Rural Development
202 West Miller Road
Iola, Kansas 66749

RE: Agency Review Transmittal Form for Gulick Drilling Company

Dear Mr. Madison:

I have received your request for comment by the Kansas Geological Survey (KGS) on an application to USDA Rural Development, under the Energy Efficiency Grant Program, from Gulick Drilling Company. The loan will be used to finance a water source heat pump system in their office and shop area. The business will be located at 910 E. 7th Street, Eureka, Greenwood County, Kansas.

I examined the USGS Eureka 7½-minute topographic map, a 2002 orthophotograph, and a Kansas Geological Survey geologic map of Greenwood County (Merriam, 1999, KGS Map M-50). The geologic map indicates that the site is on the Pennsylvanian (age) Scranton Shale. The Scranton Shale is composed of shale, sandstone, and thin limestone layers. The site is not located in a flood area. The Kansas Geological Survey has no knowledge of geologic issues affecting this application.

✓ Clearance of the project should be granted.

If you have any questions, please contract me at (785) 864-2194 or ohlmac@kgs.ku.edu.

Sincerely,

Gregory Ohlmacher, P.G.
Associate Scientist



**United States Department of Agriculture
Rural Development**

June 24, 2005

Dr. Lee Allison, Director
KS Geological Survey
1930 Constant Ave.
Lawrence, KS 66047

RE: Gulick Drilling Company

Gulick Drilling Company in Eureka, Kansas is in the process of submitting an application to USDA Rural Development, under the Energy Efficiency Grant Program, to assist in implementing a water source heat pump system in their office and shop area. The water source heat pump system actually recovers energy that would be wasted and puts it to work in the areas throughout the building. Gulick Drilling Company is located within the city limits of Eureka, KS. The total cost of heat pump system is \$25,000.

Gulick Drilling Company is located at 910 E. 7th Street, Eureka, KS 67045.

The property is not located in a flood area.

This letter is providing notification of the above-proposed project, as well as the opportunity for your agency to review and comment on the proposed project as required by Executive order 12372.

More specific information describing the proposal may be obtained from the following contacts:

Business Owner

Ronald E. & Angie M. Gulick
910 E. River St.
Eureka, KS, 67045
620-583-5804

Faxed responses are acceptable as to allow for my timely completion of the application review. Please return your responses by July 24, 2005

Please advise if you have any questions.

Sincerely,

A handwritten signature in cursive script, appearing to read "Randy Snider".

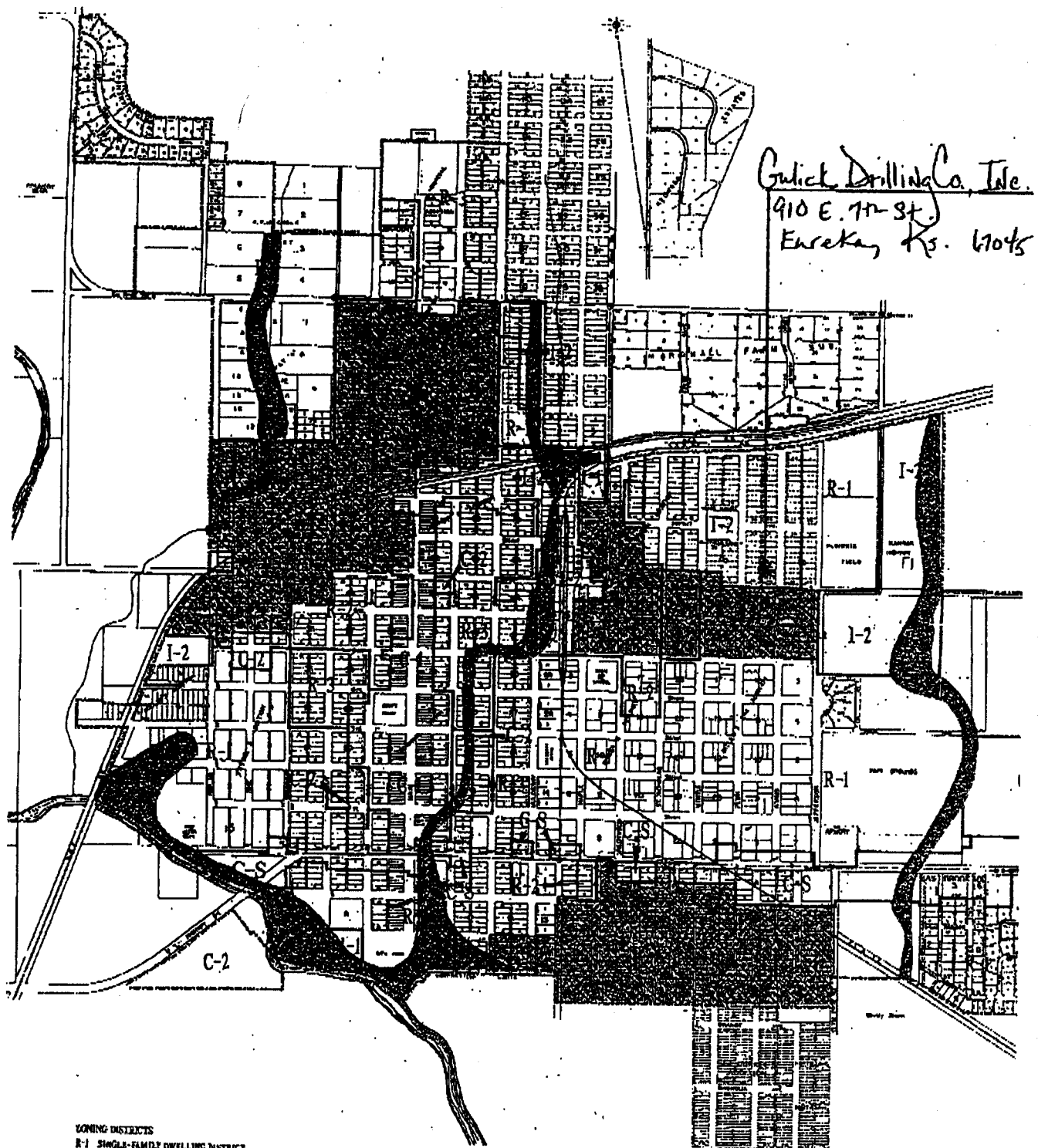
Randy Snider
Area Specialist

RLSnider:rs

ZONING M

City of Eureka, K

Official copy of Zoning District Map
 into zoning regulations by an ordinance
 governing body of the city on the 25th
 day of 1925



- ZONING DISTRICTS
- R-1 SINGLE-FAMILY DWELLING DISTRICT
 - R-2 TWO-FAMILY DWELLING DISTRICT
 - R-3 MULTIPLE-FAMILY DWELLING DISTRICT
 - C-3 HIGHWAY SERVICE DISTRICT
 - C-1 RETAIL BUSINESS DISTRICT
 - C-2 GENERAL COMMERCIAL DISTRICT
 - I-1 LIGHT INDUSTRIAL DISTRICT
 - I-2 HEAVY INDUSTRIAL DISTRICT

M-1 MANUFACTURED HOME DISTRICT