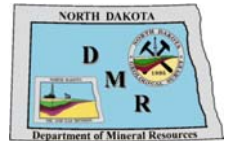




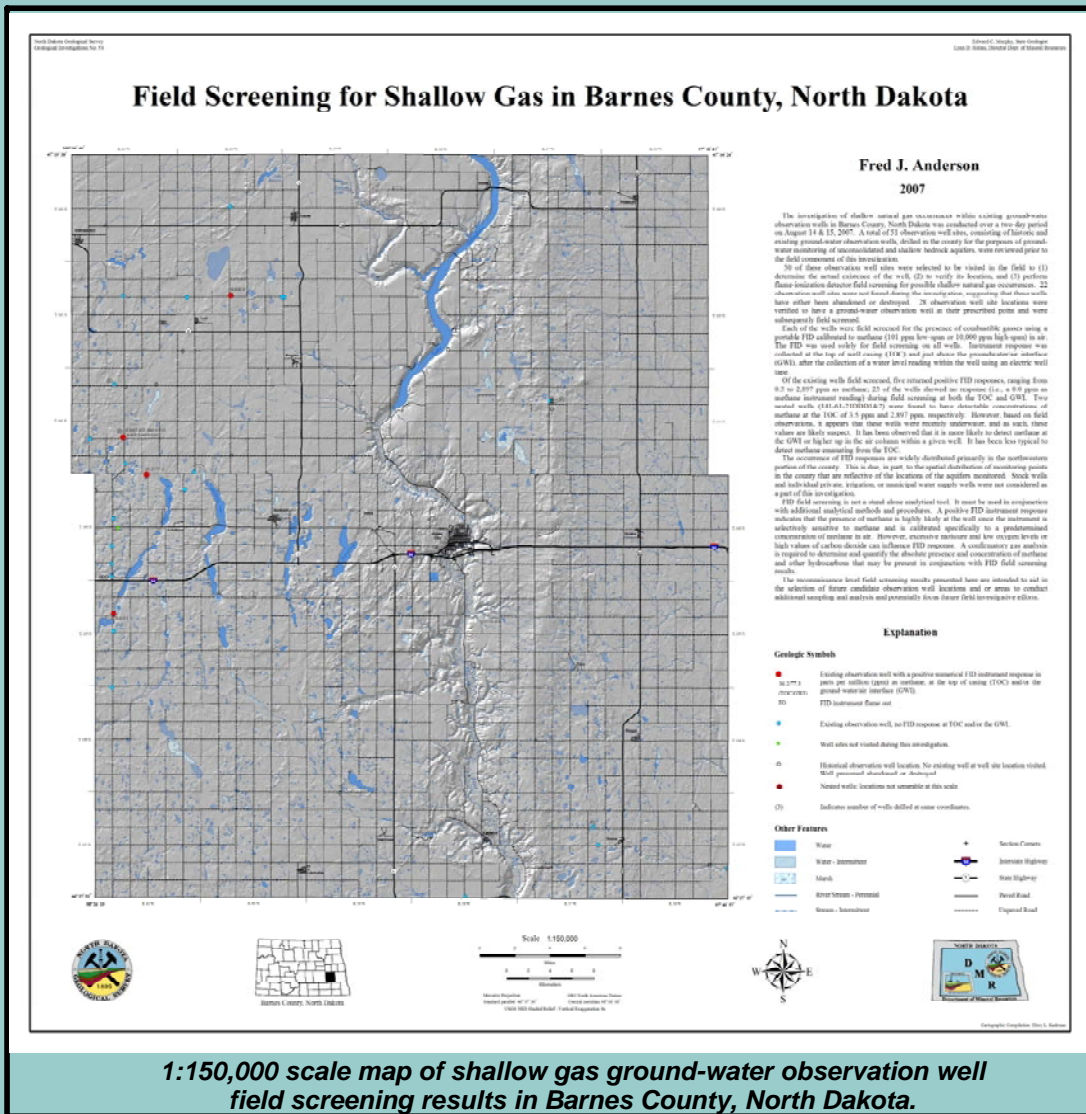
# NORTH DAKOTA GEOLOGICAL SURVEY

Geological Information for the State of North Dakota

[www.dmr.nd.gov/ndgs](http://www.dmr.nd.gov/ndgs)



## SHALLOW GAS FIELD SCREENING IN BARNES COUNTY, NORTH DAKOTA



1:150,000 scale map of shallow gas ground-water observation well field screening results in Barnes County, North Dakota.

## NDGS GEOLOGICAL INVESTIGATIONS No. 54 (GI-54)

The North Dakota Geological Survey has recently completed an investigation into the occurrence of natural gas in shallow ground-water observation wells in Barnes County, North Dakota. Over 50 well sites were reviewed and visited during the investigation. Each existing observation well was field screened with a flame-ionization detector (FID) for the presence of methane. The locations of the existing observation wells in place within the county are depicted along with the associated FID instrument response.

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