NORTH DAKOTA GEOLOGICAL SURVEY

Geological Information for North Dakota

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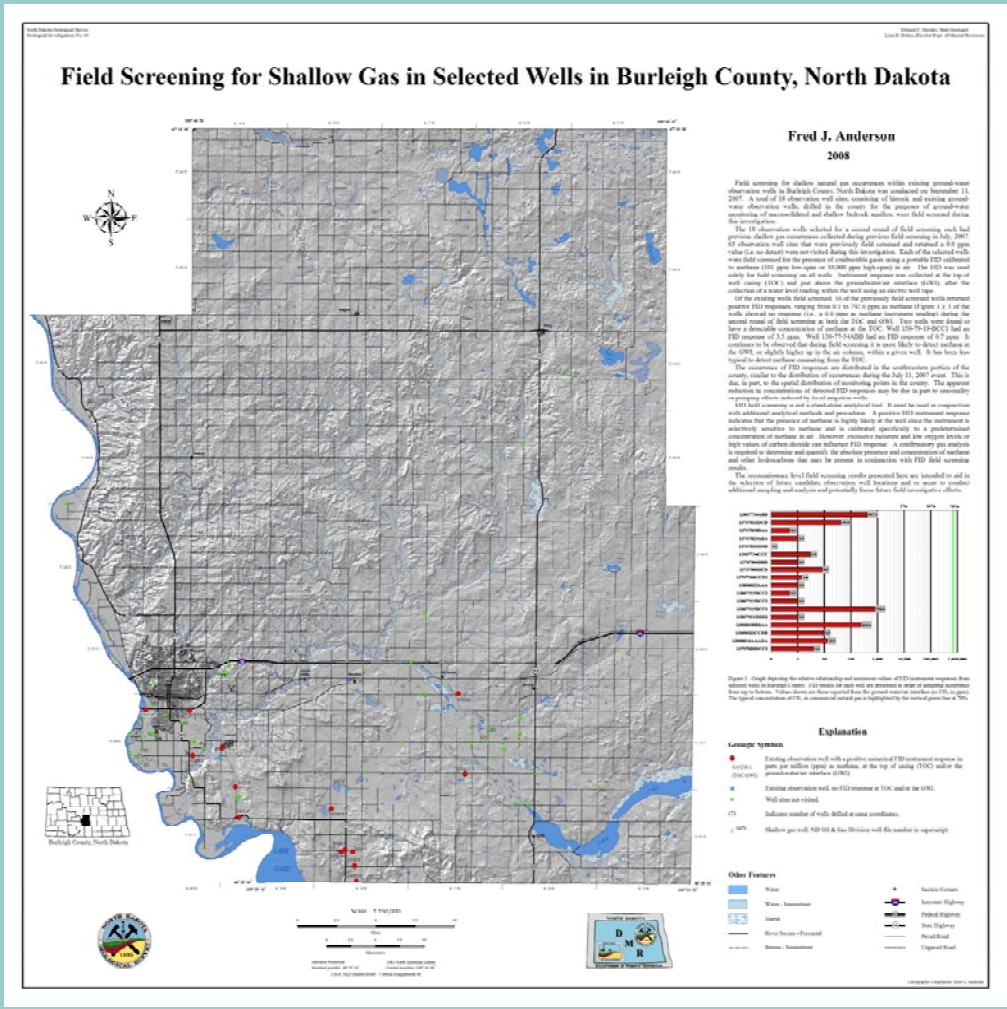
SHALLOW GAS FIELD SCREENING OF SELECTED WELLS IN BURLEIGH COUNTY, NORTH DAKOTA



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

NDGS GEOLOGICAL INVESTIGATIONS No. 60 (GI-60)

The North Dakota Geological Survey has recently completed an investigation into the occurrence of natural gas in shallow ground-water observation wells in Burleigh County, North Dakota. Selected well sites were reviewed and revisited during this investigation, which supplements field screening work conducted in support of GI-50. Each selected observation well was field screened with a flame-ionization detector (FID) for the presence of methane. The locations of the observation wells tested within the county are depicted along with the associated FID instrument response.

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