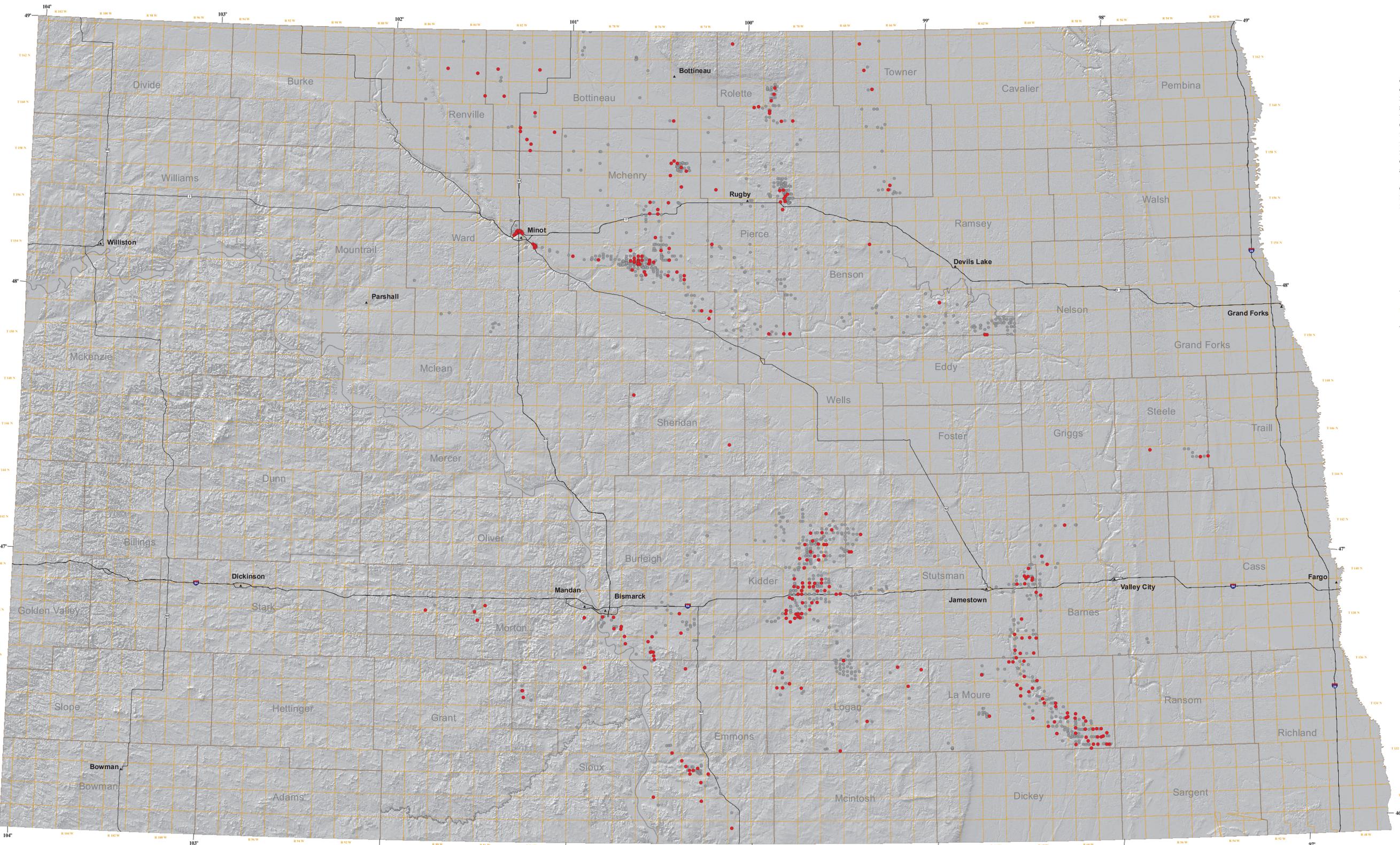


Locations of FID Shallow Gas Occurrences in Selected Counties in North Dakota

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2008



Explanation

The investigation of shallow natural gas occurrences within existing ground-water observation wells was conducted in a reconnaissance fashion during the 2006–2008 field seasons in 18 selected counties in North Dakota. A total of 2,887 observation well sites were reviewed. Of these, 2,091 were visited in the field and tested for the presence of methane using a portable flame-ionization detector (FID). A total of 326 wells returned positive FID instrument readings consistent with a methane shallow gas occurrence and are presented on this map at a scale of 1:500,000. The intent of this map is as an exploration tool, to help identify potential areas for future oil and gas exploration and field investigation.

- FID Shallow Gas Occurrence
- Other Wells Tested, No FID Response
- County Boundaries
- Township Boundaries
- Highways
- ▲ Cities

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