

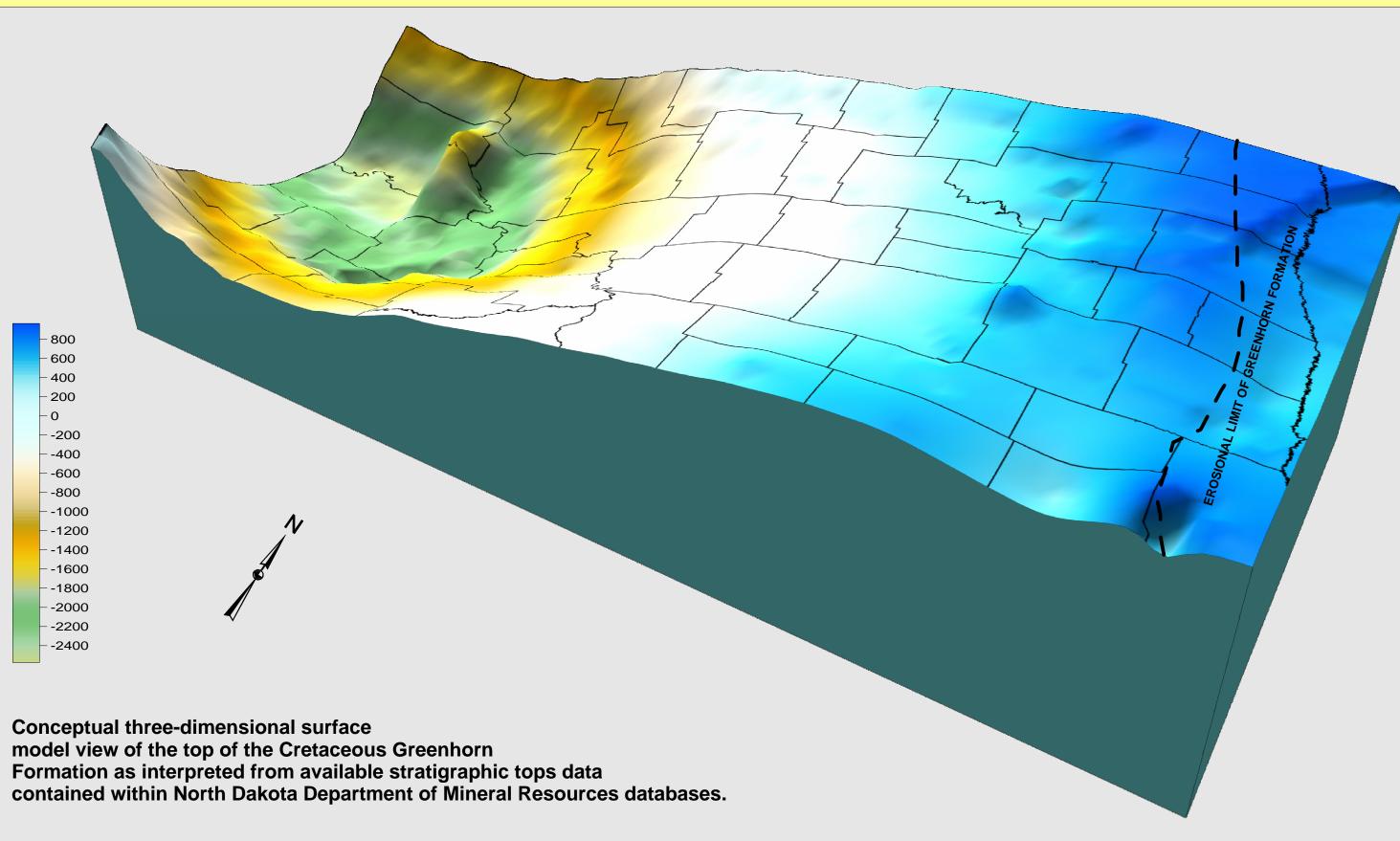
## **ASSESSMENT OF POTENTIAL SHALLOW NATURAL GAS RESOURCES IN NORTH DAKOTA**

stratigraphic unit along with correponding isopach maps at scales of 1:1,000,000 are planned.

## **NDGS Shallow Gas Investigations Activities Completed and Planned**

- America in Minneapolis, Minnesota.
- occurrences in North Dakota.

- **Towner Counties.**
- **Conference & Prospect Expo in Minot.**
- **Formations across North Dakota.**
- log sections on the Cretaceous across North Dakota.



Edward C. Murphy, State Geologis Geological Investigations No. 26

• January 2005 - North Dakota Geological Survey conducts investigative research planning and initiates preliminary shallow gas investigative work in North Dakota.

• May 2005 - Survey geologists Fred J. Anderson and Edward C. Murphy present results of studies regarding unconventional sources of methane in North Dakota at the **39th Annual Meeting of the North-Central Section of the Geological Association of** 

• February 2006 - North Dakota Geological Survey launches shallow gas investigations web page and user interface for the collection of anecdotal information on shallow gas

• March, 2006 - Presentation on Historical Shallow Gas Occurrences in North Dakota given to the North Dakota Water Well Drillers Association 2006 convention in Bismarck.

• April, 2006 - Survey completes Shallow Natural Gas Occurrences in Quaternary Deposits **NDGS** Geological Investigations No. 25 - Presented at the 2006 American Association of **Petroleum Geologists (AAPG) Annual Meeting and Exposition in Houston, Texas.** 

• May, 2006 - Survey completes Preliminary Structure Contour Maps at scales of 1:1,000,000 for the state of North Dakota and 1:100,000 for Emmons, Stutsman, and

• May, 2006 - Survey presents Shallow Natural Gas Occurrences in Quaternary **Deposits - NDGS Geological Investigations No. 25 and Historical Occurrences of** Natural Gas in Central North Dakota at the 14th Williston Basin Petroleum

• QIII 2006 - Survey plans to complete Preliminary Structure Contour Maps, Isopach Maps, and Geologic Log Sections on the Cretaceous Greenhorn, Mowry, and Inyan Kara

• QI 2007 - Survey plans to complete several stratagraphic cross-sections and Geologic



Fred J. Anderson and Bruce J. Juenker

2006