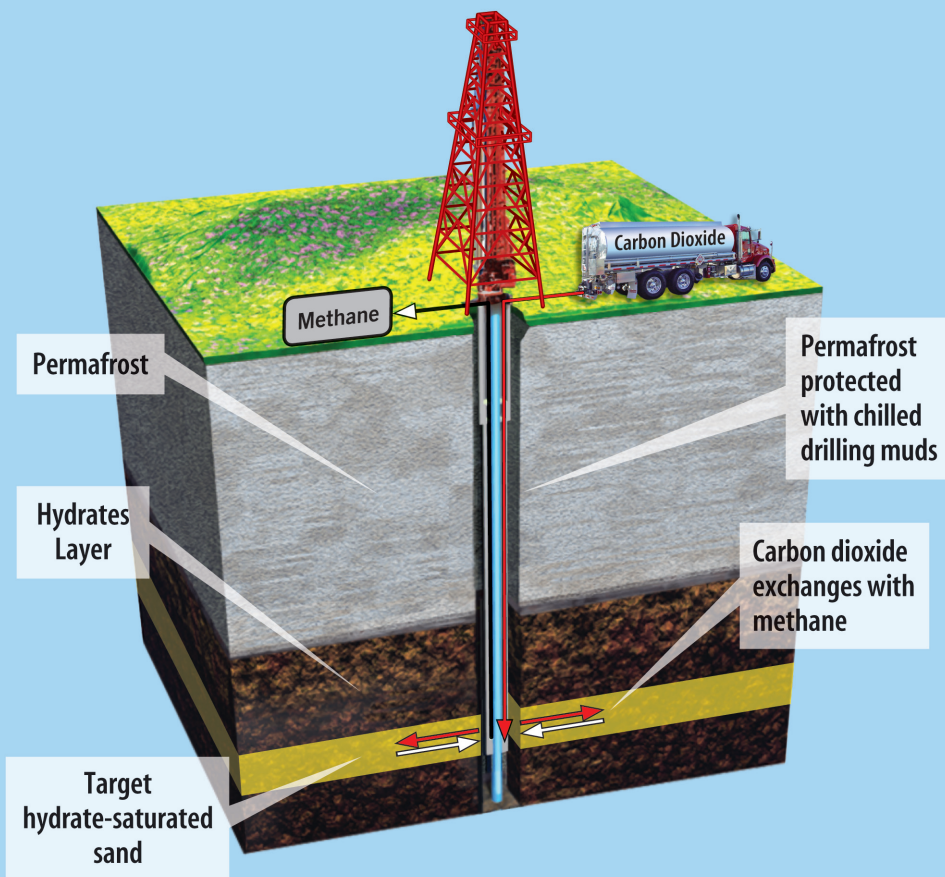


Data Sheet

Methane Hydrates Production Field Trial

Methane Hydrates Well



ConocoPhillips has been selected by the U.S. Department of Energy (DOE) to perform the first field trial of a promising technology that would allow the production of methane from gas hydrates on Alaska's North Slope.

What is the purpose of the trial?

This well will be drilled to gain scientific knowledge and test a patented production technology which was developed by ConocoPhillips and the University of Bergen (Norway). ConocoPhillips and the University have been developing this technology since 2003. This trial represents the first experiment outside a laboratory of this production technology in which a carbon dioxide molecule is exchanged for the methane molecule locked up in the hydrate's structure. The methane gas is produced, and the carbon dioxide is sequestered inside the hydrate structure.

Who is conducting this trial?

This trial will be performed by ConocoPhillips in collaboration with the U.S. Department of Energy through the Methane Hydrate Program at the National Energy Technology Laboratory. The DOE is recognized as an international leader in methane hydrates research.

What will the trial accomplish?

The trial will answer two basic questions: First, does the laboratory-proven exchange mechanism work in the field, with minimal sand and water production? Secondly, what kind of rates and exchange efficiency is demonstrated? Although ConocoPhillips has repeatedly demonstrated this technology in a laboratory setting, this will be the first real-world test. The results of this trial will allow ConocoPhillips to establish a forward-phased development plan for the technology, including additional field trials.

Why do this trial?

Methane hydrates hold a significant potential to supply the world with clean fossil fuel. This trial is an important step in developing a promising production technology to access this potential and ultimately to produce methane from gas hydrates while sequestering carbon dioxide.

