

The kickoff meeting for the DOE LINGO project recently awarded to Michigan Technological University was held on October 16, 2006 at the Core Repository in Kalamazoo, Michigan. Attendees were J. Wood, W. Quinlan, W. Harrison and M. Gruener. The meeting convened at 9:00 am and adjourned at 2:00 pm. The topics covered and resultant discussions are reported below.

#### Topic 1 - Permit Deadline

The principal concern at present for this project is securing a drilling permit prior to December 31, 2006. After this date the DOE has the right to terminate the project. Mr. Quinlan stated that he was confident that a permit could be obtained in this timeframe and that the main obstacle was consolidation of the drilling block, with a few landowners holding out. These landowners hold a very small acreage and can be forced into the unit, but Jordan prefers to continue negotiations for the present. Otherwise the permit application could be submitted now. Jordan is aware of the DOE deadline for this permit and is adjusting their scheduling to accommodate it. At present, there is considerable confidence that a permit will be in hand by December 31. Wood will monitor progress on this task.

#### Topic 2 - Antrim Mapping

This is essentially Tasks 1 & 2 of the SOW (the only tasks with current DOE authorization) and discussion focused on revising a recently issued Michigan DEQ (Department of Environmental Quality) map of bedrock geology in the project area. This map shows the Antrim subcrop (e.g. Antrim outcrop under the glacial drift) but appears to be out of date and not include the large number of wells drilled over the past decade in Northern Michigan. We have the data (formation top picks and logs) for these wells that will allow us to update the map and then delineate the additional area that will be available for production if this project is successful. Work on these tasks has begun at MTU and WMU.

#### Topic 3 - Well Characterization

Discussions focused on the types of well logs that will be run on the project well. Jordan intends to run a normal suite of logs on the vertical leg as well as a GR (gamma-ray) log on the horizontal leg. The horizontal GR will be made while drilling (MWD). MTU has experience constructing maps from this type of data from previous DOE projects and will undertake to do so on this project. It was suggested that cuttings be collected from the well and it was agreed that that would be done as well. Although not in the original project, it can be accomplished with no budget increase.

#### Topic 4 - Future Meetings

It was agreed that future meetings would be held as necessary, most likely one more between Thanksgiving and December 31 in Traverse City. The LINGO project will also be put on the agenda for the annual joint MTU - WMU meeting in March.