

Beer and Chat – Facilities & Upgrading
Thursday May 27, 2010 3:00 p.m. – 6:00 p.m.

Calgary Petroleum Club
319 - 5 Avenue SW - 2nd Floor

What is Alberta's Bitumen Upgrading Future?

We will explore the various drivers that influence upgrading in Alberta and will hear from four industry leaders regarding our bitumen upgrading future:

Tom Wise, from Purvin & Gertz International Energy Consultants, will set the stage by presenting an independent overview of market drivers for development of upgraders and the issues facing Canadian Oil Sands mining and SAGD producers such as the degree of upgrading and where to locate new facilities (Alberta or US). Each panel member will provide insights into their company's commercial, technical, and environmental considerations that are driving them to pursue specific upgrading strategies and degree of upgrading (i.e. hydrogen addition, carbon rejection, or no upgrading).

Panel Members:

- **Tom Wise, Vice President**
PURVIN & GERTZ INTERNATIONAL ENERGY CONSULTANTS
- **Gerald Bruce, Manager of Upgrading**
MEG ENERGY CORP.
- **Edward Koshka, VP Engineering, Marketing & Infrastructure**
IVANHOE ENERGY
- **Jim Quinn, VP Engineering**
NORTHWEST UPGRADING