



Alaska Geologic Materials Center
18205 Fish Hatchery Rd.
Eagle River, AK 99577
TEL: (907) 696-0079
FAX: (907) 696-0078

A Monthly Newsletter About: The Goings-on at the Alaska GMC

productive capacity

An entire shipping container of coal-bed methane core is in need of immediate curation. This core represents 70% of the coal-bed methane core at the GMC and was released to the State of Alaska by Evergreen Resources (Alaska) Corporation in 2005. Not only is it imperative to ensure the preservation of any material that is part of the State collection, but this core contains rare intervals of tan-colored, young coal, almost woody in texture, that merits additional research. Due to the post-drill volatile content, high porosity, and unique chemistry, the material and subsequent boxes have reacted negatively with the moisture introduced into the conex by multiple freeze/thaw cycles. Further, the moisture levels in this particular conex were high enough to warp the wooden planks that make up the floor of the container before an effort was made to dry out the conex in August. A major preservation effort for this core is now the top priority at the GMC.

unitization

As a result of the coal-bed methane core's deteriorating condition, Mike Belowich, Coal Geologist with Alaska Earth Sciences, was asked to visit the GMC, provide a history of the core, and advise the staff on material rescue options and possible proactive measures to prevent future damage to other soft sediment cores stored at the facility. The GMC staff would like to thank Mike for his time and valuable insight into helping prevent further damage to the Sheep Creek #1, Kashwitna Lake #1, Houston #1, Slats #1, and Little Su #1 coal-bed methane cores.



Coal-bed methane core in need of immediate curation.

probable reserves

The GMC interns continue to work hard improving the documentation and organization of the facility's oil and gas collection. GMC intern, Allison Empey, will be incorporating information learned from Mike Belowich's visit (see above) into the first Annual GMC Curator's Report.

development well

GMC staff had a successful meeting with DGGS Programmer, Susan Seitz, to establish a plan to migrate the entire GMC database into the DGGS Oracle system. The migration will provide (1) the information that will now be searchable via an online, web interface and (2) more powerful query and reporting options for GMC staff.

Processed Oil & Gas Well Materials

- ✓ ARCO ALASKA INC **Kalubik #3** palynology slides (16) from cuttings (6510'–7000')
- ✓ ARCO ALASKA INC **Kalubik #3** kerogen slides (16) from cuttings (6510'–7000')



AOGCC Materials Received

No material was received from the AOGCC during the month of December.



Shipments Received

No shipments were received during the month of December.



Data Reports

No data reports were generated during the month of December.



Donations

No donations were received during the month of December.



Visits

There have been **13 visits** to the GMC **since 30 Nov 2009**, including representation from:

- ✓ Anchorage Museum, Imaginarium Discovery Center
- ✓ Aeon Biostratigraphic Services (Anchorage)
- ✓ IRF Group, Inc. (Anchorage)
- ✓ and the general public

