

TECHNICAL MEMORANDUM

Utah Coal Regulatory Program

June 20, 2005

TO: Internal File

THRU: Pamela Grubaugh-Littig, Permit Supervisor

FROM: Wayne H. Western, Co-Team Lead

RE: Gob Gas Vent Hole, Andalex Resources, Centennial Project, C/007/0019, Task ID #2273

SUMMARY:

The Permittee proposes to construct an additional gob ventilation hole that will be known as GVH #4. This is part of an ongoing "Ventilation Assistance Program", wherein methane from the longwall is to be partially vented to the surface.

GVH #4 will be drilled into longwall Panel #6, which is currently being mined and where holes GVH #1 and GVH #3 have already been bored. GVH #2 was not drilled.

TECHNICAL MEMO

TECHNICAL ANALYSIS:

RECLAMATION PLAN

BONDING AND INSURANCE REQUIREMENTS

Regulatory Reference: 30 CFR Sec. 800; R645-301-800, et seq.

Analysis:

Determination of Bond Amount

The current bond amount for the Centennial Project is \$1,080,839. The Division last updated the reclamation cost estimate as part of Task 2161 in 2005.

The Division reviewed the bond information relevant to task 2273. The Permittee did not include specific information about reclamation costs. Since the amount of disturbance is small, the Division calculated the reclamation cost based on the following assumptions:

- One acre would be disturbed. This is consistent with the information in the operation section of the amendment.
- 5,000 cubic yards of material would be disturbed.
- An additional 1,600 cubic yards of topsoil would be spread over the site. Based on the assumption that there is 1 foot of topsoil and all the area would be disturbed.
- The revegetation methods would be similar to those at the mine site.
- Reclamation would include plugging the well and removal of equipment.

The Division determined in March 2005, that the reclamation cost for the Centennial Project would be \$984,000 in 2009 dollars. In June 2005, the Division determined that the additional work would increase the bond to \$1,080,000. Since the current bond is for \$1,080,839, the bond is adequate.

Findings:

The information provided does adequately addresses the minimum requirements of the Reclamation Plan – Bonding and Insurance Requirements section of the regulations.

RECOMMENDATIONS:

The Division should approve the amendment.

O:\007019.CEN\FINAL\WG2273\whw2273.doc