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Oil

December 6, 1988

TO: John Whitehead, Permit Supervisor

FROM: Henry Sauer, Reclamation Soils Specialist HL

RE: Acid-Forming Potential and Topsoil Suitability, Andelex Resources Inc., Wildcat Loadout, PRO/007/033, Folder No. 2, Carbon County, Utah

Synopsis

A meeting between Division staff members and representatives of Andelex Resources, Inc. was held on November 30, 1988 at the Wildcat Loadout. Attending Division members were Lowell Braxton, John Whitehead, Pamela Grubaugh-Littig, Jim Fricke, Bill Malencik, and myself. Representives of Andelex Resources were Mike Glasson and Dan Guy.

This memo is to document the discussions regarding items discussed, including the locations of sample sites for Acid-Base Potential analyses and the suitability of the stockpiled topsoil material.

Analysis and Recommendations

UMC 817.48 Hydrologic Balance: Acid and Toxic Forming Materials - (HS)

Mike Glasson has committed to sampling the accumulated sediments within Ponds A, C, and F, and the coal-soil interface of the Mine Run Coal Storage Pile and the coal storage area west of the railroad tracks and north of Pond F (the old Getty Pad). The samples will be analyzed for Acid-Base Potential. Based on the results of these analyses and previously analyzed material (Pond B, main coal storage pile and the coal-soil interface, Stoker Coal Storage Pad) the Division will determine if acid forming potential exists and/or additional analysis is required.

UMC 817.23 Topsoil: Storage - (HS)

The soil stockpiles are predominantly vegetated with undesirable species (Russian Thistle, Halogeton) and a few desirable seeded species (Indian ricegrass, Wheatgrass). Thus, the logical question arose as to the suitability of the stored topsoil. Based on results obtained from the revegetation test plots, alternatives to topsoil redistribution may exist. These alternatives may include the distribution of substitute material on the entire disturbed area utilizing the stored topsoil as subsoil or employing a mixture of stored topsoil and substitute material as the plant growth medium.

Broadcast seeding of the topsoil stockpiles occured in the Fall of 1986. One more growing season should be allowed to determine if re-establishment of desirable species occurs. If this does not happen, reseeding the topsoil stockpiles is recommended. This should be done utilizing a salt tolerant seed mixture, a drill seeder, fertilizer, and straw mulch.

HS/djh
AT30/16-17