

0015

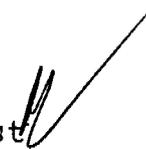


State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MININGNorman H. Bangert
GovernorDee C. Hansen
Executive DirectorDianne R. Nielson, Ph.D.
Division Director355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

October 18, 1988

TO: Susan C. Linner, Permit Supervisor

FROM: James Leatherwood, Reclamation Soils Specialist 

RE: Sowbelly Reclamation Project, Price River Complex,
Castle Gate Coal Company, ACT/007/004, Carbon County,
Utah

SUMMARY

The recent Mid-Term Permit submittal, received April 28, 1988, has been reviewed for completeness and adequacy relative to the proposed Sowbelly reclamation project. Several adequacy issues exist and must be resolved. The primary issue is the proposed use of an unsubstantiated substitute topsoil material. This material must be analyzed to allow the Division to determine the soil material as a potential substitute material capable of reclamation success. Other issues include the location of substitute topsoil, depth of scarification and soil redistribution requirements.

RECOMMENDATIONSUMC 817.22(e) Topsoil: Removal - JSL

The Division has not received any potential substitute topsoil data. This information is required for reclamation findings and to adequately evaluate an appropriate soil management plan for the reclamation of Sowbelly Canyon.

The location(s) and volume(s) of the potential substitute topsoil source(s) is not clearly defined. If potential substitute topsoil is to be derived from Crandall Canyon, the operator must clearly delineate the location and volume of material to be moved to Sowbelly for final reclamation.

Page 2
Sowbelly Reclamation Project
ACT/007/004
October 20, 1988

UMC 817.24 Topsoil: Redistribution - JSL

The depth of scarification should be clarified. The depth of scarification must be determined by the depth of available soil, total length of effective root growth and any hard pan remediation.

Soil redistribution should be carried out when the soil is dry to reduce the potential for redistribution compaction.

cc: D.Darby
BT51/15-16