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State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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October 8, 1996

TO: Folder #2
THRU: Daron Haddock, Permit Supervisor
FROM: Robert Davidson, Soils Reclamation Specialist *RAD*
RE: Technical Analysis of Alkali Tract Significant Revision, Coastal States Energy Company, ACT/007/018, Folder #2, Carbon County, Utah

SYNOPSIS

The Significant Permit Revision package was received from Coastal States Energy Company on March 31, 1996, for the Alkali Tract proposal. On August 8, 1996, the Division sent a letter with findings for Administrative Completeness Deficiencies to Utah Fuel Company. A revised Exhibit 5.21-5, the Rock Canyon Seam Mine Plan, was submitted to the Division on September 9, 1996, in response to the Administrative Completeness Deficiencies. The revision eliminated any indication of breakouts or any other surface disturbance within the Alkali lease area. Coastal further responded to the Deficiencies on September 24, 1996, addressing each of the deficiencies. On October 1, 1996, the Division sent a letter to Soldier Creek Coal Company stating that the Alkali Lease Addition application was considered to be administratively complete. In response to their latest revisions and corrections, this document supplies the Technical Analysis for the soils resource information contained in the Alkali Lease Addition.

ENVIRONMENTAL RESOURCE INFORMATION SOILS RESOURCE INFORMATION

Regulatory Reference: 30 CFR Sec. 783.21, 817.200(c); R645-301-220, -301-411.

Analysis:

The only soil resource information provided in the Revision document is Exhibit 2.22-1, Soil Resource Map for the Soldier Canyon Mine. The map is taken directly from the Order-3



Carbon County soil survey published by the U.S. Department of Agriculture, Soil Conservation Service. The Order-3 soil-survey information is sufficient for lease expansions since no surface disturbance is associated with the Alkali expansion area. Exhibit 5.21-5, the Rock Canyon Seam Mine Plan, was revised to eliminate any indication of breakouts or any other surface disturbance within the Alkali lease area.

The Soil Conservation Service reviewed soil mapping data for the LOM permit area, including the Alkali lease area, and gave a negative determination for prime farmland status based on slope, soil erodibility and percent rock fragments. The May 30, 1996 SCS letter does not specifically state the Alkali lease area but acknowledges the Soldier Creek Coal Company Expansion area.

Findings:

This portion of the permit application is complete and accurate