

October 24, 1986

TO: Memo to File

FROM: James S. Leatherwood, Reclamation Soils Specialist *JS*

RE: Soil Reconstruction Plans for Prime Farmland - Site Inspection. Consolidation Coal Company, Emery Deep Mine, ACT/015/015, Folder No. 2 and 3, Emery County, Utah

On October 15, 1986 James Leatherwood and Lynn Kunzler visited the Emery hayfields. Nick Newman of Consol contacted the Division as to subsidence damage to Jack Lewis's prime farmland. Mr. Newman stated that the soil surface has subsided three (3) feet. The areas of subsidence are easily recognizable due to the impoundment of water. The alfalfa was nonexistent in the subsidence area of the south hayfield and poorly vegetated in the subsidence area of the middle hayfield. The most northern hayfield has no indication of vegetation damage or subsidence. No surface fissure were evident at the subsidence areas. The disturbed soils are classified as mapping units RLB - Ravola Loam, 1 to 3 percent slopes, capability unit 11e (irrigated), fine-silty, mixed (calcareous), mesic Typic Haplaquepts. Consol has constructed a drainage for the south hayfield. A mitigation plan has been developed and is currently under review.

jvb
cc: D. Darby
L. Kunzler
S. Linner
0060R-29

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