



0045

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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June 10, 1988

TO: Sue Linner, Permit Supervisor

FROM: James Leatherwood, Reclamation Soils Specialist *[Signature]*

Re: South Fork Breakout Proposal, Utah Fuel Company, Skyline Mine, ACT/007/005-88G, Folder #2, Carbon County, Utah

The proposed breakout in the South Fork of Eccles Creek, Mine #1, received April 28, 1988 has been reviewed and found not to be complete or technically adequate. The following items should be addressed prior to final approval.

UMC 783.21 Soil Resources Information - JSL

The submittal does not give any reference to the soil pedons that will be impacted by the proposed breakout. The potentially impacted soils should be characterized to formulate a comprehensive and adequate reclamation plan. The extent of characterization should be equal to the existing soil survey in the approved MRP.

UMC 783.27 Prime Farmland Investigation - JSL

The applicant shall conduct an investigation to determine if the proposed area could be prime farmland. If the proposed area does not contain prime farmland then the applicant shall request for a negative determination based on the criteria outlined in paragraph (b) of this section.

UMC 784.13 Reclamation Plan: General Requirements - JSL

The applicant shall include a narrative of the topsoil removal operation within the submitted plan.

The reclamation plan must also include plans to test the soil to determine the amendment or fertilizer requirements necessary for revegetation.

UMC 817.22 Topsoil: Removal - JSL

The submitted plan does not meet the requirements of this section. The applicant shall discuss the depth of topsoil to be salvage. The depth of topsoil to be removed and the potential requirement of subsoil removal shall be dependent upon the outcome of the soil survey.

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Sue C. Linner, Permit Supervisor

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UMC 817.23 Topsoil: Storage - JSL

The submitted plan does not meet the requirements of this section. The applicant shall address measures that will be employed to achieve topsoil protection. The topsoil protection plan should also include the location and the length of time the topsoil will be stockpiled.

UMC 817.24 Topsoil: Redistribution - JSL

The submitted plan does not meet the requirements of this section. The applicant shall address the expected depth of topsoil redistribution. This depth should be equivalent to the pre-disturbance topsoil depth. If redistribution will not be uniform over the disturbed area, a map and discussion defining the aerial extent of each varying distribution depth with a discussion of the rationale should be provided.

The length of time between topsoil redistribution and revegetation must be kept at a minimum. In accordance with the Topsoil and Overburden Management Guidelines, soil stabilization techniques should be implemented to control erosion if reseeding operations will not be implemented within one month of topsoil redistribution. The topsoil should be left in a rough state to enhance water harvesting and decrease the erosion potential.

UMC 817.25 Topsoil: Nutrients and Soil Amendments - JSL

The submitted plan does not meet the requirements of this section. The applicant should include a soil sampling program to determine the fertilizer and/or amendment required for revegetation success. At a minimum, one sample from the proposed 2 - 3 acre disturbance area should be analyzed for the following parameters: pH; available phosphorus; potassium; electrical conductivity; and, texture. Refer to Table 1 of the Topsoil and Overburden Guidelines for suggested methods of analysis. A discussion of amendment application procedure and implements to be used should be included.

JL/as

cc: R. Harden

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