



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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December 18, 1989

TO: File

FROM: David Darby, Geologist *DD*

RE: Mid-Permit Term Review Response, Convulsion Canyon Mine, ACT/041/002, Southern Utah Fuel Company (SUFCO), Carbon County, Utah

Summary

SUFCO submitted a response, dated November 17, 1989, to the Division's Mid-Permit Term Review outlines references and supplies additional information to address the Division's concerns noted in an August 23, 1989 letter. The letter lists deficiencies in SUFCO's existing Mining and Reclamation Plan (MRP) which needs to be updated to reflect changes in the five-year permit term.

Analysis

Ground Water

Section UMC 783.15 of the August 23, 1989 deficiency review has not completely addressed. SUFCO should use existing data to derive a current table and graph to illustrate the amount of ground water discharge from the mine over time (1982 to present).

The operator has mentioned that mine discharges were over rated when measurements were taken using a stand pipe, and now show lower volumes since a V-notch has been installed. The applicant should develop a correlation between the mine discharge data sets collected before and after the V-notch installation, and submit the information (change in flow over time) to the Division.

If assistance is needed the applicant can contact Rick Summers to help establish the correlation from the raw data and establish a correlation from the two data sets.

Page 2
Mid-Permit Term Review
SUFCo
December , 1989

Subsidence

The operator has address the information requested on subsidence issues to update the current subsidence plan. No additional information will be required at this time.

Recommendations

This review is not recommended for approval until the above information is submitted and reviewed by the Division.

dwd

cc. B-Team