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**Southern Utah
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MAY 15 1985

**DIVISION OF OIL
GAS & MINING**

May 9, 1985

Mr. Tom Suchoski
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

Dear Mr. Suchoski:

SUBJECT: FINAL STREAM CHANNEL RECLAMATION

We have made a preliminary evaluation of the ledge structure in East Spring Canyon. From aerial photography taken 3 July 1958, two sets of ledges are evident, one in reach five behind the intersection of the present fill face, and one near the end of reach three. Projections from topographic maps confirm these locations.

We need to do further work to more precisely determine the amount of fall associated with each ledge and its elevation. Two alternatives are possible, one with a waterfall from bedrock to bedrock at reach five with gabion structures in the preceding reaches. The other alternative would have waterfalls near the end of reach three and at reach five, again from bedrock to bedrock with gabion structures in the other reaches.

The cut and fill quantities need to be examined and balanced. Slope stability also needs to be assessed.

We feel that the above work can be accomplished and a plan submitted to the Division by 10 June 1985. We would like to have a meeting with DOGM and the other regulatory agencies once most of the details are tied down on these alternatives. This meeting could probably be held around 23 May 1985.

Sincerely,
SOUTHERN UTAH FUEL COMPANY

Wesley K. Sorensen
Chief Engineer

WKS:cfc