

0019



**Southern Utah  
Fuel Company**

P.O. Box P  
Salina, Utah 84654  
(801) 529-7428  
(801) 637-4880 (Mine)

Copy to Sue  
File ACT/04/002, #2  
**Subsidiary of  
Coastal States  
Energy Company**

**RECEIVED**

MAY 21 1984

**DIVISION OF OIL  
GAS & MINING**

**JIM**

MAY 22 1984

May 17, 1984

Mr. James W. Smith, Jr.  
Department of Oil, Gas & Mining  
4241 State Office Building  
Salt Lake City, Utah 84114

Dear Mr. Smith:

Enclosed are 14 copies of Southern Utah Fuel's response to the Division's April 30, 1984, request for additional information. Please consider this as an addendum to Volume 8 of our M&RP and distribute the appropriate copies to State and Federal agencies.

The areas outlined in your April 30, 1984, request for more information are addressed as follows:

The effectiveness of the matting and mulching was determined by Hittman Associates in their 1976 report, "Methods to Control Fine Grained Sediments from Construction Activity," PB297-092, prepared for Environmental Protection Agency, U.S. Department of Commerce, Washington, D.C. The applicant will make a copy of this voluminous report available to the Division for review on a loan basis if necessary.

Calculations comparing the sediment load to the stream with matting and mulching controls to the before mining environment are presented in the attached report. Please note that the mulching and matting controls will reduce the sediment load to the stream during reclamation below what the pre-existing sediment load was.

Since the stream channel has an average natural gradient through the area in excess of 14½ percent, it was undoubtedly on bedrock. A rip rap design that is based on the original reference methods present in the "Surface Mining Water Diversion Design Manual" is included in the attached report.

Mr. James W. Smith, Jr.  
May 17, 1984  
Page Two

SUFCo does not feel it would be appropriate to further reduce the gradients on sections 5 and 6 of the stream channel. The area in which sections 5 and 6 are located was naturally steep. Reduction of the stream gradient is possible only by 1) extension of the fill under the channel further down the canyon; or 2) cutting the upper reaches of the channel lower. To extend the fill further down the canyon would unnecessarily disturb presently undisturbed area which is not included in SUFCo's permit area. The upper sections cannot be steepened appreciably without removing bedrock.

The designs contained in the attached report and submitted in this addendum have been certified by Mr. Allon Owen of Sargent, Hauskins, and Beckwith.

We trust that this additional information will satisfy your concerns on final reclamation.

Sincerely,

SOUTHERN UTAH FUEL COMPANY

Handwritten signature of Vernal J. Mortensen in cursive script, with the initials "(K1)" written below the signature.

Vernal J. Mortensen  
Vice President  
Utah Operations

VJM:k1

Enclosures