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United States  
Department of  
Agriculture

Forest  
Service

Manti-La Sal  
National Forest

041/002 #2  
599 West Price River Dr.  
Price, Utah 84501  
(801)637-2817

cc: Jim  
Doran

RECEIVED

Reply to: 2820

APR 12 1993

Date: April 9, 1993

DIVISION OF  
OIL GAS & MINING

Lowell Braxton  
State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Dear Lowell,

We have reviewed the 1992 Subsidence Report for the Southern Utah Fuel Company Mine No. 1 and have the following comments:

Areas 3 and 4

It is stated in the report that these areas appeared to be stable in 1989 and that they have not been monitored since this time. We feel that a minimum of 3 years of monitoring without detecting substantial subsidence is needed to establish that subsidence has stabilized or is substantially complete. These areas need to be monitored for at least one to two more years without detecting substantial subsidence to provide a statistically sound basis to conclude that the area has stabilized. Prior to lease relinquishment, at least one additional year of monitoring could be necessary to demonstrate that subsidence is substantially complete, determine the final effects of mining, and prepare final monitoring reports.

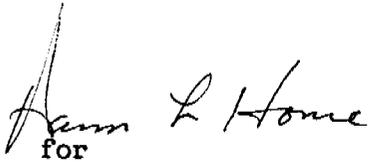
Area 7

This area was originally planned for no subsidence by leaving pillars sufficient in size to provide for full support of the surface above the mined area. According to the report, the pillars failed when the workings were flooded resulting in 7 feet of subsidence and surface cracking.

Full support mining has been employed in other areas on the Wasatch Plateau to provide long-term protection of surface resources and facilities. We are concerned that similar pillar failure could occur in these other areas if similar conditions exist such as flooding of the mine workings. We feel that an evaluation of what conditions contributed to pillar failure and identification of actions necessary to prevent similar failures is warranted.

If you have any questions, contact us at the Forest Supervisor's Office in Price, Utah.

Sincerely,

A handwritten signature in cursive script that reads "Ann L. Home". The signature is written in dark ink and is positioned above the typed name of the person it represents.

for  
GEORGE A. MORRIS  
Forest Supervisor

cc: Ken Payne, Southern Utah Fuel Co.  
Abe Elias, BLM Utah Coal Office  
D-2  
D-3  
Forest Supervisor, Fishlake National Forest