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UNITED STATES DEPARTMENT OF AGRICULTURE  
FOREST SERVICE

Manti-LaSal National Forest  
350 East Main Street  
Price, Utah 84501

Jch  
2820

April 21, 1980



Mr. Murray Smith  
Reclamation and Enforcement  
Office of Surface Mining  
Brooks Towers, 2nd Floor  
1020 - 15th Street  
Denver, Colorado 80202

Attention: Larry Damreau

Dear Mr. Damreau:

In response to your telephone call of 4/15/80 concerning a possible violation of the Wilberg Mine, we have conducted an on-the-ground review and compiled the attached report. We were able to substantiate your findings, as illustrated by the attached photographs.

It appears that several possible problems may be associated with the dumping of the material at these locations:

1. The direct placement of material in the stream channels.
2. The placement of materials in the intermittent channels.
3. The interruption of the road ditch.
4. The dumping along the 300 feet of road adjacent to the stream channel.

All of this activity is on Forest lands.

In general, we feel that the four items listed above, and their implication to sediment production and disruption of established drainage systems, express our major concerns. Floodflows in these two tributaries of Grimes Wash have, in the past, been substantial. Due to our extremely heavy snowpack this year, record flows may be a possibility. Hydrologic analysis of the two forks of Grimes Wash are calculated to be 800 cfs and 806 cfs, respectively, for the 100-year, 1-hour, 2-inch event. The 50-year and 25-year events yield 1060 cfs and 476 cfs, respectively. Storms of this magnitude

will undoubtedly pick up a major portion of the earth materials now deposited in and adjacent to these drainage systems.

We appreciate your notification of this violation and will cooperate with you in the necessary corrective action.

Sincerely,

*William H. Baluy*

for  
REED C. CHRISTENSEN  
Forest Supervisor

Enclosure

cc:  
Ferron RD

OSM

There are two major piles of debris adjacent to and in the Grimes Wash drainage. These piles are located south and east of the load out facilities at Wilberg Mine, and just east of the Access Road.

In this report, these two debris piles will be referred to as the North and South Piles.

Most of the material in the North Pile (photo 1) was dumped into a small tributary (photos 2-5) which comes in from the (NE) to the live stream

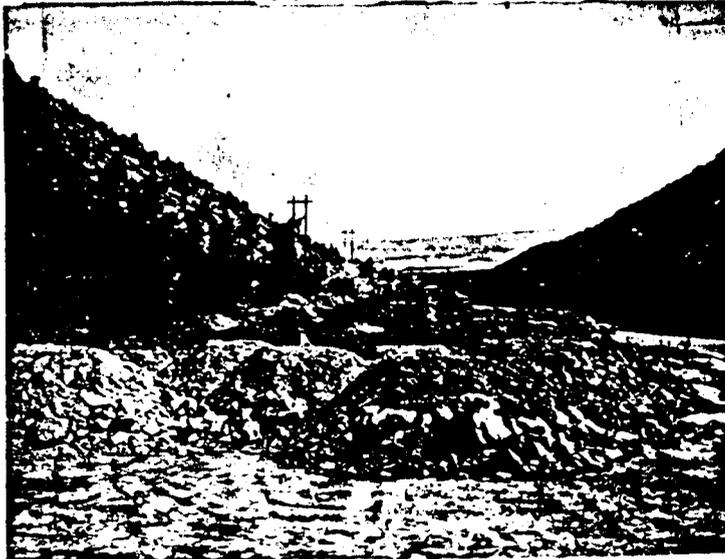


Photo 1. North Pile, looking South



Photo 2. Above North Pile, looking South along intermittent creek bed. Note boulders filling in the draw.

(Grimes Wash). This is above the culvert. (See illustration, and photo 5). The creek is flowing freely out of the culvert at this time. There is a survey marker, 7 + 00, with blue flagging just above the culvert to its left.



Photo 3. North Pile, looking north along intermittent creek bed.



Photo 4. North Pile, intermittent creek bed, looking north. Toe slope.



Photo 5. Toe slope of North Pile above culvert looking north.

The dimensions of the North Pile are approximately 49' X 221' X 83'. The toe slope dips  $38^{\circ}$ . Height is not easy to judge because of variation of height of pile.

More material is also dumped downstream on the right bank of Grimes Wash below the culvert. This is the South Pile ( photos 6,7) The dimensions of the South Pile are approximately 76' X 178'.



Photo 6. South Pile, looking south. Live stream is to far left in photo.

This pile ranges from about 15' to 7' in height; these figures are a rough measurement since this pile also varies considerably in height. The south pile is located 179' south of the North Pile.



Photo 7. South Pile, looking south. Stream is to extreme left in photo.

Most of this material is not yet in the creek, but could very easily wash into it later, as could the material of the North Pile. However, some material has been pushed into the live creek. (Photo 8)



Photo 8. Middle of South Pile from creek bed, looking south.

Creek flows under large boulders in left center of photo, and from there to extreme left in photo.

Extending from the south end of the South Pile and for about 300' downstream, debris has been pushed off the road and down the right stream bank towards the creek. (Photos 9 and 10). Finer debris has washed into the live creek due to rain fall and spring runoff. ( Photos 9 and 10).



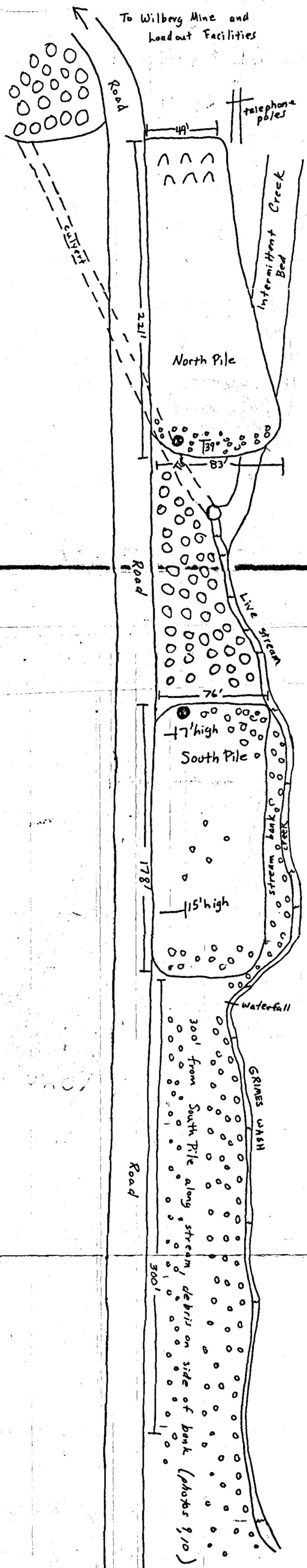
Photo 9. Looking south along the 300' expanse of debris pushed into stream channel to the 300' expanse along creek bank.



Photo 10. Looking north along the 300' expanse of debris which was pushed in live stream channel. Note live creek on right hand side of photo.

The ten photos included in this report were taken with a Polaroid camera for immediate inclusion in the report. In addition, one roll of 20 slides and about 6-8 prints shots were taken and will be included for review as soon as they become available.

U.P. + L. (Wilberg Mine) Trespass Case Illustration



Boulders, debris

Culvert, road, telephone poles, stream not to scale

●—●: Distance between North and South Piles is 179' as measured from X-X.

APRIL 15, 1980  
Elise Yakupzack