

0058

# PLATEAU MINING COMPANY

A Subsidiary of Getty Mineral Resources Company

P. O. Drawer PMC

Price, Utah 84501

Telephone (801) 637-2875

File letter  
ACT/007/006

Copy of maps  
for Wayne for lead  
reviews, response, etc  
Also copy to Sally  
& Joe

Jim

July 9, 1981

Mr. Jim Smith  
Division of Oil, Gas and Mining  
1588 West North Temple  
Salt Lake City, UTAH 84116

RECEIVED

JUL 10 1981

DIVISION OF  
OIL, GAS & MINING

RE: MEETING 06/12/81

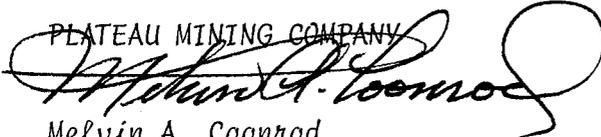
Dear Jim,

Enclosed are PMC's proposed procedures on [1] Top Soil Redistribution [2] Reclamation of Phase 1 of the Refuse Waste Pile [3] Tailings Pond Enhancement. This information was requested at the above meeting. It is important to note that the actual implementation of 1 and 2 depend largely on how rapidly Phase 1 of the refuse pile becomes too restrictive to allow adequate area to facilitate effective dumping of refuse. This area, at present rate of refuse generation and under normal weather, is approximately 20 acres of surface. However, considering quality of coal, production and expanding markets, it is impossible to determine an exact time table on implementation.

The Tailings Pond [#3] has undergone considerable modification as outlined to your personnel in earlier meetings. To bring you up to date, the leading Eastern edge has been drag lined down approximately 16 feet, greatly expanding the available sediment area. In addition to this, we are in the process of pushing a small berm around the leading Western edge to better contain waste water from the Washer Plant. A channel is also being enlarged from the temporary holding pond adjacent to the improved Trailings Pond. All of these efforts are directed to enhance sedimentation and provide additional safeguards for adjacent top soil reserves.

Any comments or recommendations your office would care to make will be appreciated.

Sincerely,

PLATEAU MINING COMPANY  


Melvin A. Coonrod  
Environmental Coordinator

MAC/jhs

Enclosures

cc: S. Rigby  
B. Grimes  
D. Price

# PLATEAU MINING COMPANY

A Subsidiary of Getty Mineral Resources Company

P. O. Drawer PMC

Price, Utah 84501

Telephone (801) 637-2875

July 9, 1981

## PROPOSED TOP SOIL REDISTRIBUTION ON WASTE PILE

In Phase II of the waste pile expansion we have approximately 1,447,705 cu. feet of useable top soil. We need 1,451,796 cu. feet to cover all of Phase I with a minimum depth of 10 inches allowing a 2 inch variable and an 11% increase to accommodate all slopes with the exception of the leading West edge. This leaves a deficit of 4,091 cu. feet to complete the reclamation of Phase I.

By removing the top soil on the Eastern edge of Phase II, taking all of the PL 4, PL 1 types and that portion of water and sludge indicated on attached Map 1, we can effectively increase the available storage area by 11 acres leaving a minimum buffer zone of approximately 50,000 sq. feet before encroachment on additional soil. This area is adequate to handle 500,000 cu. yards of waste providing we averaged a depth of 26 feet. However, considering the available storage still existing on Phase I, in relation to coal pile area and additional height needed to complete contour configuration, that Phase II would and should be kept as a last resort.

In conjunction with this, a conscientious effort must be made to redistribute existing waste to the East to fully utilize that portion which is to be reclaimed. [NOTE: Map #2: Topog as of 01/05/81 - It appears that an additional 70 to 150 feet of material is needed on Step #1 before top soil is required].

In the event more soil is removed than needed in any one phase of reclamation of Phase I, a stock pile can be implemented in the area delineated on Map 1, adjacent to refuse area main haul road.

MAC/jhs

cc: S. Rigby  
B. Grimes  
D. Price

# PLATEAU MINING COMPANY

A Subsidiary of Getty Mineral Resources Company

P. O. Drawer PMC

Price, Utah 84501

Telephone (801) 637-2875

July 9, 1981

## RECLAMATION STEP 1 PHASE 1 - REFUSE WASTE PILE

### RECOMMENDATIONS:

Approximately 11.8 acres may be ready for reclamation by the Fall of 1982. I feel permanent reclamation can be achieved by a two-phase process:

- [1] After distribution of approximately 10 inches of top soil, a hydraulic seeding, in combination with a tackifier, then an application of a organic wood fiber mulch.
- [2] 2nd Phase would involve the artificial implantation of clumps of vegetation and soil on those areas which have not been successfully reestablished. This will necessitate a backhoe or end loader scraping small areas of vegetation from undisturbed areas adjacent to the refuse pile on future top soil reserve area. The second phase need not be implemented until atleast 2 growing seasons have passed so that an accurate determination of success can be made.

The species and rate of application are as follows:

<u>SPECIES</u>	<u>POUNDS PER ACRE</u>	[*]
Grasses:		
Fairway crested wheatgrass	2	
Smooth brome [southern strains]	2	
Intermediate wheatgrass	2	
Pubescent wheatgrass	2	
Bluestem wheatgrass	1	

Reclamation Step 1 Phase 1 - Refuse Waste Pile

July 9, 1981

Page 2

Orchardgrass	1
Russian wildrye	1
Tall oatgrass	1
	<hr/>
	12

Forbs:

Alfalfa [Nomad, Rambler, Travols, Ladak-equal parts]	2
Chickpea milkvetch	1
Yellow sweetclover	1
Arrowleaf balsamroot	1
Pacific aster	1
	<hr/>
	6

Shrubs:

Rubber rabbitbrush	1/2
Douglas rabbitbrush	1/2
Big sagebrush	1/2
Fourwing saltbush	1
	<hr/>
	2-1/2

Shrubs for pits, major disturbance areas,  
cleat marks, and drilled areas:

Antelope bitterbrush	2
Golden currant	1/2
Birchleaf mountain mahogany	1/2
Curleaf mountain mahogany	1/2
Cliffrose	1/2
Green ephedra	1/2
Fourwing saltbush	1
Woods rose	1/2
Saskatoon serviceberry	1
	<hr/>
	7

This is the recommended seed mixtures that will benefit wildlife through enhancement of shrubland habitats of the Montane Ecological Association, as prescribed by U.D.W.R. however, is subject to B.L.M. modification.

[\*] U.D.W.R. Publication No. 68-3 183 pp.

MAC/jhs

cc: S. Rigby  
B. Grimes  
D. Price