



Received
7/14/98
File { Mine file
Cottonwood
Permit file

July 10, 1998

Mr. Jeff Defreest
U.S. Department of Agriculture
Forest Service
Manti-LaSal National Forest
599 West Price River Drive
Price, Utah 84501

*
MAPS

Re: **Repair of Surface Fractures in Newberry Canyon, East Mountain, PacifiCorp, Cottonwood/Wilberg Mine, ACT/019/007, Emery County, Utah.**

Attn: Jeff Defreest

ACT/015/009 #2

PacifiCorp, by and through its wholly-owned subsidiary, Energy West Mining Company, ("Energy West") as mine operator, hereby submits a proposal regarding the reclamation of the subsidence cracks in Newberry Canyon of East Mountain.

With reference to our phone conversation on July 6, 1998, Energy West proposes that the above mentioned surface cracks be reclaimed. This act was initiated by Energy West since 1) the Forest Service has expressed concern about the subsidence cracks as a result of the recent amendment submittal pertaining to the Cottonwood/Wilberg permit boundary revision, and 2) Energy West wishes to begin the responsibility period to achieve performance standards as required by the Forest Service .

It was concurred upon, through site visitation by both parties, that no rilling is apparent within the length of the cracks. Healing is presently progressing without any physical interference from reclamation activities. Although healing is continuing, the cracks posed a safety hazard to anyone the might happen upon the area.

The following is Energy West's proposal for repairing the subsidence fractures located west of the Cottonwood/Wilberg Mine in Newberry Canyon. Please note that Energy West has obtained a Forest Service Road Use Permit to cover road use this season.

Location

The subsidence cracks are located in the N1/2, SW1/2, NW1/4 of Section 27, Township 17 south, Range 7 east and N1/2, SE1/4, NE1/4 of Section 28, Township 17 south, Range 7 east (see attached map).

Huntington Office:
(801) 687-9821
Fax (801) 687-2695
Purchasing Fax (801) 687-9092

Deer Creek Mine:
(801) 381-2317
Fax (801) 381-2285

Cottonwood Mine:
(801) 748-2319
Fax (801) 748-2380

Access

Access to the site will be made traveling northwest past the Trail Mountain Mine on FR 040 to Mill Canyon. Then following FR 060 southeast toward Snow Lake connecting on FR 2176. Traveling around the point on FR 2176, the head of Newberry Canyon is approached by turning east on FR 2178 which dead ends in approximately 1/2 mile. Access to the subsidence cracks will be made by traveling over-land across the top of the ridge. Over-land travel does not exceed 500 feet.

Methods

The repair work will be accomplished using hand tools and a rubber-tired back-hoe. Areas of safe access (i.e. top of ridge and bench area to the east of the ridge) will be reclaimed using the back-hoe. All other areas will be repaired using hand tools.

Ridge and Bench Area (Accessible)

The back-hoe will first remove the top soil and stock pile it near its original location to minimize handling. The off-set cracks will then be graded and backfilled to an approximate slope or 3:1. Upon completion of grading and backfilling, the top soil will be redistributed. Pock marks will be made to enhance precipitation infiltration and to reduce erosion. The disturbed area will be reseeded with the seed mixture listed below.

Inaccessible Areas

Inaccessible areas (i.e. west of ridge, between ridge and bench, east of bench) will be repaired using hand tools to manually grade the offsets back to the approximate original contour. Certified straw bails will be placed at strategic location in order to reduce the possibility of erosion from forming on the steep slopes. The repaired area will be reseeded with the seed mixture listed below.

Seeding

Upon completion of grading and backfilling, the seed mixture will be hand broadcasted with an approved East Mountain mix.

<u>Common Name</u>	<u>Scientific Name</u>	<u>lbs/acre (PLS)</u>
Thickspike wheat grass	<i>Agropyron dasytachyum</i>	2.0
Western Wheat grass	<i>Bromus marginatus</i>	3.0
Intermediate Wheat grass	<i>Mililotus officinalis</i>	3.0
Mountain Brome	<i>Bromus marginatus</i>	2.0
Orchaard grass	<i>Dactylis glomerata</i>	2.0
Perennial Rye grass	<i>Lilium perenne</i>	2.0
Pacivic Aster	<i>Aster chilensis var. adscendens</i>	0.5
Yellow Sweet Clover	<i>Melilotus officinalis</i>	1.0
Ladak Alfalfa	<i>Midicago dativa ladak</i>	1.0
Oregon Daisy	<i>Enigeron speciosus</i>	0.5

This seed mixture being used is the same mixture required by the Forest Service for the subsidence repair last August, 1997 above the Cottonwood Mine. After the seed mixture is applied, the area will be raked on the contour to cover the seed.

If you have any questions or concerns regarding the repair of the subsidence, please feel free to contact me at 687-4825.

Sincerely,

A handwritten signature in cursive script that reads "Dennis Oakley". The signature is written in black ink and is positioned to the right of the word "Sincerely,".

Dennis Oakley
Environmental Engineer

cc: Blake Webster
Carl Pollastro
Scott Child
Chuck Semborski
Bill Malencik