

File

December 14, 1984

TO: Coal File, Inspection and Enforcement
 FROM: Sandy Pruitt, Mining Field Specialist
 re: Belina Mine Complex, ACT/007/001, Folder #7, Carbon County, Utah

DATE: November 15, 1984
 TIME: 8:30 a.m. - 4:30 p. m.
 WEATHER: Fair, cold
 COMPANY OFFICIAL: Steve Tanner
 STATE OFFICIAL: Sandy Pruitt *SP*
 FEDERAL OFFICIAL: Donna Griffin
 ENFORCEMENT ACTION: N84-2-23-1

Compliance with Permanent Performance Standards

UMC 771 et al Permits

With some difficulty Steve Tanner provided all permits requested with the exception of pond certifications required of UMC 817.46(r). Because Trevor Whitesides is responsible for maintenance of the permit files it was reasonable to allow time necessary for Trevor to return to his office on Tuesday at which time the pond certifications must be made available. The only recent approval letter provided was dated August 31, 1984. Division of Oil, Gas and Mining (DOG M) approval for relocation of the topsoil regenerated at the Utah #2 loadout. The topsoil is to be incorporated into the large stockpile above the Belina Mine. A request to redistribute the soil on the slope below the conveyor was denied.

UMC 817.11 Signs and Markers

The mine identification signs are posted where required. Several perimeter markers are visible even with the heavy snow accumulations. Buffer zone markers were clearly visible.

UMC 817.21-.23

The Belina Topsoil stockpile was not accessible due to snow. It was not apparent that Valey Camp had redistributed any soil in the downslopes below the conveyor as proposed in late fall. Mr. Tanner reported that the topsoil was relocated to the mine stockpile next month.

UMC 817.41-.57 Hydrologic Balance

Some runoff was occurring at the time of this inspection. All runoff control measures inspected at the Belina Mine site appeared functionally adequate. There was some concern with disturbed area snow disposal at the material storage yard. Where snow was pushed up

onto the berm and could potentially be pushed over the berm onto the undisturbed downslope. A water line along the material storage yard was under repair just prior to snow fall. Although the surface grade of the material storage yard provides drainage control towards the sediment pond a breach in the berm needs to be repaired. Mr. Tanner committed to repair the berm before the next inspection. Mr. Tanner arranged to have Jack Otanney retrieve the disturbed area snow off the berm on the following day.

The sediment removal operation at the #4 Sediment Pond was recently completed. Snow pushed off the ramp along the east side of the pond was being retrieved from the pond outslope. A berm will be constructed across the ramp to divert runoff from the ramp into the sediment pond before equipment is removed from the site.

Utah Loadout

Railroad development through the Utah #2 mine yard has reaffected some of the inactive areas before the portals for example. A drainage culvert was installed across the railroad tracks at the south end of the yard.. The undisturbed drainage diversion installed crosses a small material storage area. Valley Camp must consolidate mining materials within the disturbed area drainage boundaries.

The water pumped out of the Belina Mine sediment pond has been disposed in the southern pond at the Utah loadout. A frozen discharge at the pond outlet was apparent. The water level in the pond was low at the time of this inspection. The water level in sediment pond #2 was up to the principle spillway. It appeared that a discharge was occurring but due to ice in the standpipe and the submerged level of the discharge culvert outlet, a sample could not be obtained. Water monitoring data from June to September 1984 was examined at the office and found to be in compliance. Iron levels in Mud creek were exceptionally high along the Utah loadout on June 26, 1984. The correlation with sediment levels was not clear with iron and TSS levels above the loadout at 72.8 and 2820 mg/l and below the loadout at 402, and 3680 mg/l respectively. These high iron levels were not apparent with similarly heavy sediment levels in the stream at other times. Iron levels range from .3 to 7 mg/l.

Sediment control measures by the truck scales were not functional to design. A snow berm pushed above the sediment pond culvert inlet diverted some disturbed area runoff toward the ditch line to the gabion filter. This ditch and the gabion filter on the south side of the road were full of coal fines such that overflow short circuiting the sediment control structure, was likely. None was apparent at this time. The strawbales placed on the stream along the highway ditch just above mud creek provide back up sediment control. In September inspectors noted that the ditch across from

the truck scales and the same gabion structure were full of coal fines. The runoff control measures to the sediment pond and sediment control measures past the pond were not maintained and functioned as designed at the time of this inspection two months later. Therefore, NOV N84-2-23-1 was warranted by UMC 817.45. Mr. Tanner committed to provide the necessary maintenance within one day following this inspection. The abatement deadline for the NOV was set at November 29, 1984.

NPDES discharge reports up to October 1984 were available for review and found to be in compliance.

A persistent mine dripper is located along entry one of the first east main at cross cut 11 or 12 which is situated near a major fault. Valley Camp is handling excessive water underground seasonally due to the shallow overburden.

UMC 817.111-.117 Revegetation

Valley Camp did not conduct any seeding this fall.

UMC 817.121 Subsidence Control

The U. S. Forest service conducts flyovers to monitor subsidence over the Belina mine lease area. The last survey was conducted this fall. Valley Camp intends to change the flight pattern to create a diagonal trend over Slaughter house and Finn Canyons.

No results have been plotted yet, but Steve Tanner reported that subsidence is obvious over fault zones. 1980-81 subsidence is evident by treefalls and pot holes approximately 200-300 feet long. Subsidence is apparent over the first left and first and second south entries. 1983 subsidence above third right section resulted in a three foot drop in elevation that is not readily apparent in a pasture area.

Retreat mining is underway in second east main. Valley Camp is mining out mains in third east and first right sections.

re:

cc: Donna Griffin, OSM
Joe Helfrich, DOGM
Sue Linner, DOGM

Statistics:

Vehicle:?

Per Diem: 1 person X 2 days 10 hours = \$107.90
Grant: A&E