



PLATEAU MINING COMPANY

A Subsidiary of Cyprus Coal Company
P.O. Drawer PMC Price, Utah 84501
Telephone (801) 637-2875

November 19, 1985

Mr. Lowell Braxton
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

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DIVISION OF OIL
& GAS & MINING

Re: Incidental Revisions

Dear Mr. Braxton:

Enclosed please find copies of two maps showing incidental revisions.

Plate 3-1, titled "Existing Surface Facilities" shows one revision. The powder magazine has been moved approximately 2400 feet west from where it was originally located. The cap magazine which is associated with it has been added to the map.

These structures are free standing; the powder magazine being 15 feet by 20 feet by 8 feet high made of steel, and the cap magazine being 5 feet by 5 feet by 5 feet high; also made of steel. These structures contain explosives and were moved to place them in a more secure location. Now that mining has been completed at the No. 1 Mine, the magazines needed to be closer to our operations area for security purposes.

The structures are adjacent to the access road running between our active operations area and the No. 1 Mine area. Since the area is not protected by a sediment pond, a berm has been placed around the powder magazine to contain runoff flowing off of it. The cap magazine is so small, we do not feel any containment is justified.

Plate 1B, titled "Surface Water & Sedimentation Control Facilities Map", shows several things. First of all, the new facilities associated with the Unit Train project have been added as they have been installed to date. Secondly, we are proposing to reroute Ditch 7E as shown highlighted in yellow. This change is to allow us to expand the refuse pile as it has been permitted to do. The new route will run between phases I and II of the refuse pile, allowing the refuse pile to grow to the west and higher in elevation. A ditch will be maintained at the edge of the refuse on the southwest and south sides to prevent impounding at the edge of the pile.

Mr. Lowell Braxton
November 19, 1985
Page two

The new ditch will be sized as per the design requirements for Ditch 7E as shown in "Review of "As Built" Runoff and Sedimentation Control Plan, Starpoint Mines, Plateau Mining Company", prepared by Vaughn Hansen Associates, Inc. in December 1983, which was submitted to the Division. Approximately 80% of the new ditch will be at a flatter slope than the existing ditch, that is, approximately 2%. The remaining 20% of the ditch will have a slope nearly the same as the upper portion of the existing ditch, approximately 13%.

We are having Vaughn Hansen (VHA) Associates evaluate this ditch to determine if rip rap will be required in any locations. During a site inspection on this date with VHA, two locations, a short section at each end of the proposed rerouted ditch, were preliminarily picked as needing rip rap protection. When a recommendation is received from VHA, we will pass the information on to the Division.

Two new culverts will be required as shown to cross existing roads. We plan to use steel pipe which we have on hand for the culverts. As shown on the map, the pipes are 48 inches and 30 inches in diameter. The design flow for Ditch 7E, given in the above referenced document, is 4.4 cfs. The 48 inch pipe on a 4% slope will carry a flow in excess of 250 cfs, and the 30 inch pipe on a 4% slope will carry in excess of 80 cfs. These flow estimates do not consider inlet control which will be constructed at the culverts. The outlet ends will be free flowing with no ponding or restrictions. Therefore, flows in excess of those stated would be realized.

We would like to implement this plan as soon as possible. If you have any questions please let me know.

Respectfully,



Ben Grimes
Environmental Coordinator

BG:pb

Enclosures