



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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February 2, 1987

TO: John Whitehead, Permit Supervisor
FROM: Tom Munson, Reclamation Hydrologist *TM*
RE: Plateau New Lands Permit Application ICR/TD Review,
Plateau Mining Company, Star Point Mine, ACT/007/006,
Folder #3, Carbon County, Utah

General Comments

This review is based on the information found in the New Lands Application filed by Plateau Mining Company. In the application, only the replacement or new information pages were included.

UMC 817.41 Hydrologic Balance

The applicant has mentioned subsidence and its effects on two springs in Seely and Mud Water Canyon, as well as subsidence and its effects on the North Fork of Miller Creek. The applicant has stated that the worst case scenario of total loss of these springs. The Division needs to have Plateau monitor these springs for recession data as well as include them in their current monitoring program. The Division also needs to have Plateau supply a map which overlays mine workings, potential and current subsidence areas, and springs found within the permit boundary. The applicant must try to make this map as uncluttered as possible.

The applicant has made references regarding springs and subsidence, but has not supplied a monitoring plan for these specific springs prior to mining in these areas.

UMC 817.43 Hydrologic Balance Diversions

All surface water hydrology concerns have been addressed, but complete information has not been submitted. Ditch No. 27 is to be designed and placed along an existing

Page 2
Memo to J. Whitehead
February 2, 1987

access road to Sediment Pond No. 4, located in Section 10, T15S, R8E, and will collect runoff from the road (page 784-74a), New Lands Application). Silt fences and sediment traps will be incorporated into this design. Ditch No. 27 does not show, or is not labelled, on Map 34b. The applicant has not provided this design and should do so, including silt fence or sediment trap designs.

UMC 817.44 Hydrologic Balance: Stream Channel Diversions

The applicant has not discussed reclamation of Ditch No. 27 and should do so.

djh
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