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# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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November 21, 1988

TO: John Whitehead, Permit Supervisor  
FROM: Richard V. Smith, Geologist *RVS*  
RE: Review of Proposal to Amend Approved Mining Sequence,  
Section 18, Cyprus-Plateau Mining Corporation, Starpoint  
Mines, ACT/007/006-(88-D), Folder #2, Carbon County, Utah

## Synopsis of Proposal

The applicant submitted a proposal dated November 14, 1988, to amend the approved mining sequence in Section 18, T15S, R8E. The proposed amendment addresses Stipulation UMC 817.126-(2)-(RVS) by requesting revisions for both Wattis seam and Third seam extraction.

The operator proposes, for the Wattis seam, to delete mining in Panel 1 and extend Panel 3 longwall extraction eastward into areas where overburden thickness ranges from approximately 200 to 500 feet beneath the North Fork of the Right Fork of Miller Creek (NRFMC), a perennial stream.

The operator also proposes to amend Stipulation UMC 817.126-(2)-(RVS) to allow longwall extraction in Panels 7 and 8 of the Third seam.

## Synopsis of Approved Permit

Stipulation UMC 817.126-(2)-(RVS) of the New Lands permit approval, dated August 7, 1987, restricted mining in Panel 3 of the Wattis seam and Panels 7 and 8 of the Third seam in Section 18.

Technical analysis indicated that the proposed longwall development in areas where overburden is less than 500 feet beneath NRFMC may result in subsidence-induced material damage that could cause environmental degradation.

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Analysis

Proposed longwall development for Panels 3, 7 and 8 does not differ from that described in the 1987 PAP submittal. This development was restricted under Stipulation 817.126-(2)-(RVS) in the 1987 approved permit.

Recommendations

1. It is herein recommended that the deletion of Panel 1 be approved.
2. It is herein recommended that longwall development, as indicated for Panels 3, 7 and 8, not be approved and Stipulation UMC 817.126-(2)-(RVS) remain in effect.
3. It is herein recommended that the operator consider applying for a permit to conduct Experimental Practices Mining in portions of Section 18, T15S, R8E, that underlie NFERFMC. This permit application should particularly address UMC 785.13(e).

djh  
AT13/20-21