



0002

United States Department of the Interior  
OFFICE OF SURFACE MINING  
Reclamation and Enforcement  
BROOKS TOWERS  
1020 15TH STREET  
DENVER, COLORADO 80202

File  
ACT/007/004  
Folder No. 2, 10  
Copy to Sue,  
Tammy, Debbie  
Shannon

DEC 9 1983

RECEIVED  
DEC 10 1983

JIM  
DEC 12 1983

Mr. Rob Wiley  
Environmental Engineer  
Price River Coal Company  
76 S. Main Street  
Helper, Utah 84526

DIVISION OF  
OIL, GAS & MINING

Dear Mr. Wiley:

This letter concerns the determination of an angle of draw for subsidence control within the permit boundary area at Price River Coal Company. While the angle of draw at most underground mines in Utah ranges between 15 and 20 degrees, your application has proposed an angle of draw of 45 degrees, specifically for the area along the Price Canyon and Willow Creek Corridors. The potential for subsidence impacts, assuming such an extremely conservative angle of draw, extends beyond the borders of the permit boundary at Price River Coal Complex.

OSM policy requires that any potential subsidence impact areas must be included within the permit boundary (UMC 784.20 and SMCRA 516(b)(1)). With a 45 degree angle of draw throughout the entire mine complex, the permit boundary would have to be expanded to include potential subsidence areas. A lesser angle of draw (e.g. 20 degrees) for areas outside of the Price Canyon and Willow Creek Corridors may be more representative. However, any resubmittal of subsidence data incorporating a reduction in the angle of draw must be supported by sufficient engineering data and calculations to allow analysis for compliance with UMC 784.20 and 817.121. If upon review, you find that 45° is the most representative angle of draw for your mining conditions, please revise your permit boundaries to include all potentially impacted areas. Should you have any questions on this matter, please contact either Dave Maxwell or Walter Swain at (303) 837-3806.

Sincerely yours,

*Richard E. Dawes*  
for Allen D. Klein  
Administrator  
Western Technical Center

cc: Dianne Nielson, UDOGM  
Jim Smith, UDOGM ✓  
Deborah Richardson, consultant  
Keith Kirk, OSM  
Bob Hagen, OSM - Albuquerque