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1407 West North Temple  
P.O. Box 899  
Salt Lake City, Utah 84110

*Min file*  
*J. Whitehead*



DIVISION OF  
OIL, GAS & MINING

March 2, 1987

Mr. Lowell P. Braxton  
Administrator, Mineral Resource  
Development and Reclamation Program  
State of Utah  
Department of Natural Resources  
Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Re: 1986 Cliff Subsidence Eagle Monitoring Report  
Cottonwood/Wilberg Coal Mine ACT/015/019, 7/84

Dear Mr. Braxton:

Enclosed you will find three copies of a Wildlife Survey compiled in connection with a U.S. Fish and Wildlife permit issued in June 1986. The thrust of the survey is a subsidence monitoring program to measure the mining affects beneath an escarpment containing known eagle nests.

An annual report was submitted in January. During this reporting period little movement was observed. However, since that time cliff spalling activity has increased. We have updated the report with an addendum to reflect current conditions.

A copy has been sent to the U.S. Fish and Wildlife Service in Denver. The enclosed copies may be distributed per your discretion.

Sincerely,

A handwritten signature in cursive script that reads "C. E. Shingleton".

C. E. Shingleton  
Director of Permitting &  
Compliance  
Mining Division

CES:bb:5719  
Enclosure

cc: Val Payne