



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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June 9, 1997

TO: File

THRU: Daron Haddock, Permit Supervisor *DOR H*

FROM: Wayne H. Western, Senior Reclamation Specialist *W H W*

RE: Alkali Tract Response Received 5/15/97, Canyon Fuel Company, LLC, Soldier Canyon Mine, ACT/007/018-96-1, File 2, Carbon County, Utah

Summary

The Division reviewed the Alkali Tract submittal received on May 5, 1997. The Division determined the subsidence information to be adequate.

Technical Analysis

The Division required the Permittee to clarify how they calculated the subsidence buffer zone. The Division was not sure what angle-of-draw that the Permittee used or where projected the subsidence to the surface. In the May 5, 1997 submittal, the Permittee stated that the angle-of-draw was 35°. The Division usually requires a 22.5° angle-of-draw. The 35° angle-of-draw is considered conservative by the Division and therefore acceptable. The Permittee projected subsidence to the surface from the edge of the areas where second mining will occur. The Division usually allows a permittee to project subsidence from the edge of the longwall panels or areas of second mining. The Permittee showed the updated subsidence information on pages 5-17 and 5-17a and Exhibit 5.25-1.

Recommendation

The Permittee has met the requirements of R645-301-121.200 with respect to the subsidence issues. The subsidence control plan in the May 5, the Division considers 1997 submittal to be clear and concise.