



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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December 16, 1988

TO: Susan C. Linner, Permit Supervisor

FROM: Lynn Kunzler, Reclamation Biologist *LK*

RE: Review of Genwal Coal Company's Submittal Received December 5, 1988 for the Repermit and New Lease, Crandall Canyon Mine, ACT/015/032, Folder #2, Emery County, Utah.

Summary:

The referenced submittal has been reviewed for addressing the outstanding issues in biological and landuse issues. These issues have been resolved and approval is recommended. A technical analysis of appropriate sections for the new lease permit is included..

Analysis:

The Land Use sections have been revised to show that wildlife use in general utilize the permit area and that it is not limited to big game only.

The revegetation plan has been amended to resolve Forest Service comments. The revised seed mix that will be used for all future revegetation, including interim stabilization is acceptable to the Division and the Forest Service.

Information regarding the eagle nest and avoidance/mitigation plans for impacts have been provided and are acceptable.

Permit acreage figures in Section 3.5 of the MRP have been revised to include the acreage of the proposed new lease.

Recommendations:

It is recommended that the repermit and new lease be approved.

Technical Analysis (for new lease area):

UMC 817.97 Protection of Fish, Wildlife and Related Environmental Resources - 1k:

Existing Conditions and Applicant's Proposal:

General wildlife information and plans submitted and included in the approved MRP (Chapter 10 and Section 3.4.6) for the Crandall Canyon Mine contains information directly related to the new lease area and is appropriate and adequate for the permitting decision. Impacts to wildlife due to mining of the new lease would result from impacts related to subsidence upon seeps and springs and the eagle nest. The Subsidence control and mitigation plans (Section 12.4.3) contains detailed information for avoiding impacts or mitigation of any impacts to these resources.

Compliance:

Any Significant impact to seeps and springs will be mitigated by placement of guzzlers in the area of the impacted seep or spring. Section 3.4.6.2 identifies a significant impact as a 50% reduction in flow and provides details of the mitigation plan.

Proposed plans to protect the eagle nest from subsidence related impacts include leaving barrier pillars. While Genwal would like to pull pillars in the area, monitoring of the nest will occur prior to pillaring the area directly affecting the nest. Based on the status and condition of the nest, a determination will be made in conjunction with the BLM, Utah Division of Wildlife Resources and the Division of any mitigation that may be necessary.

These plans are in compliance with the requirements of UMC 817.97.

Stipulations:

None.

cc: J. Leatherwood  
BT49/63-64