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State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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TECHNICAL FIELD VISIT

DATE: April 20 & 21, 1998.
DOGM STAFF: Robert Davidson, Susan White, Paul Baker, Wayne Western and Steve Demczak
ATTENDANTS: Chris Hansen, Canyon Fuels, Skyline Mine
RE: Phase-I, Pre-mining Site Visit and Photographic Documentation, Dugout Mine, Canyon Fuel Company, ACT/007/039, Carbon County, Utah

#7

Purpose:

- Prepare photographic documentary of pre-mining site conditions and environmental resources.

Background:

- Phase I mining plans have been approved for the mining permit has been issued for the Dugout Mine. Mining activities are scheduled to begin May 1998. Phase II plans are currently in preparation for submittal to the Division. Phase II development will affect a greater extent of the canyon and the environmental resources within the disturbance area.

Field Observations:

- Photographs were taken across the entire site from several vantage points.
- Dugout Creek, upper confluence and upper side creek were photographed every 100 linear feet, both upstream and downstream.
- In the lower part of Dugout Creek within the surface disturbance area, bedrock and rock face locations were documented on Plate 5-2C and noted on the photo locations.
- The lower Dugout Creek Diversion was photographed to document current environmental erosion damage.
- Each photo was noted on Plates 5-2C (4-21-98) and 2-2 (4-20-98). Written descriptions are provided on each plate for photo locations.

Recommendations and Conclusions:

- The photograph documentary and accompany plates (Plate 5-2C and Plate 2-2) showing photo locations and written documentation should be included with the current Technical Analysis in the approved mining permit volume for the Dugout Mine.

Signature:

Robert A. Davidson, Reclamation Specialist III (Soils)

on April 29, 1998