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State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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September 30, 1997

TO: File
THRU: Daron Haddock, Permit Supervisor *DH*
FROM: Mike Suflika, Reclamation Hydrologist *MS*
RE: ASCA Areas 11, 12, & 13 Revision, Canyon Fuel Co., LLC, Skyline Mine, ACT/007/005-97H, File#2, Carbon County, Utah

SUMMARY:

On August 22, 1997 the Operator sent a letter requesting permission to change three small ASCA areas from straw bales to gravel covering. All three areas are around well houses.

TECHNICAL ANALYSIS

OPERATION PLAN

Diversions

Regulatory Reference: R645-301-742.300

Analysis:

A site visit on September 23, 1997 showed the areas to all be quite similar and all less than 200 square feet in size. The Operator is requesting this change since cattle, deer, and elk all eat the straw, rendering the sediment control ineffective. A three-inch minimum thickness would likely be effective erosion control and the Operator should be required to have that minimum thickness.

The sediment calculations are performed on Sedcad and they are stamped by a

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Registered Professional Engineer as required by regulation. The design event is a 10-year, 24-hour storm which exceeds regulatory requirements, but conforms to the Division position paper on Diversion of Miscellaneous Flows.

This change will likely be an improvement over the existing erosion control.

Findings:

The requested change in ASCAs is in conformance with regulations and can be approved. However, this approval should be conditioned on there being a minimum of three inches gravel applied to the areas.

RECOMMENDATION:

Include the condition that the Operator must apply a minimum of three inches of gravel, and approve the request as otherwise submitted.

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cc: Steve Demczak, DOGM
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