



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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August 28, 2001

TO: [REDACTED]

THRU: Daron Haddock, Permit Supervisor *DRH*

FROM: *JB* Priscilla Burton, Soils Reclamation Specialist

RE: Technical Field Visit, Leach Field Construction, Canyon Fuel Co., LLC, Dugout Mine. [REDACTED]

Other Attendees: Tom Paluso, Environmental Industrial Services
Shane Campbell, Scamp Excavation Inc.

Date & Time: August 27, 2001, 11:00 - 13:30

PURPOSE:

To ensure topsoil salvage from the leachfield construction area is conducted according to the plans described in Amendment 01A.

OBSERVATIONS:

The land was cleared to the perimeter markers with a CAT D8R dozer and a Champion road grader. All vegetation was stacked into a pile for later use as mulch.

Berms of topsoil were created along the east and west boundaries of the site (see Typical Berm Design for Undisturbed Area on page 12 of Attachment 7-1). These berms will remain after final reclamation. This use of topsoil was not described in the submittal, but the Division agrees with the logic in creating the low profile berm of suitable growth material so that the berm becomes rapidly vegetated.

There appeared to be no control method in place to help in determining when eight inches of topsoil had been salvaged from the site.

Drainage from the site in the vicinity of Lateral #6 & 7 on the east side was clearly not going to be prevented by the berms as presented in (see Contour7-2.DWG).

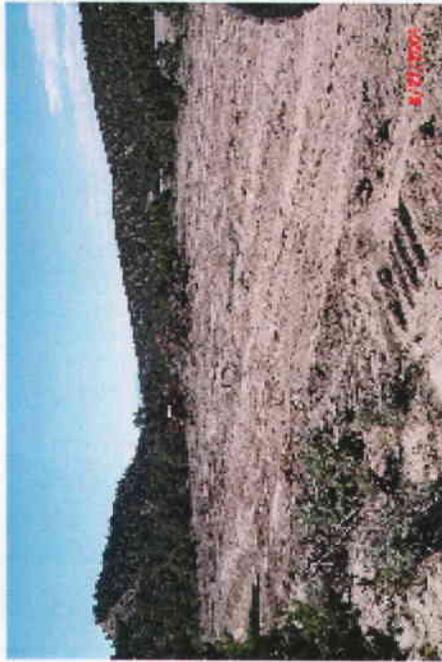
TECHNICAL FIELD VISIT

RECOMMENDATIONS/CONCLUSIONS:

The use of stakes would ensure that eight inches of topsoil was salvaged from the site.

Placing a silt fence along the southeast side in the vicinity of Lateral #7 should be investigated.

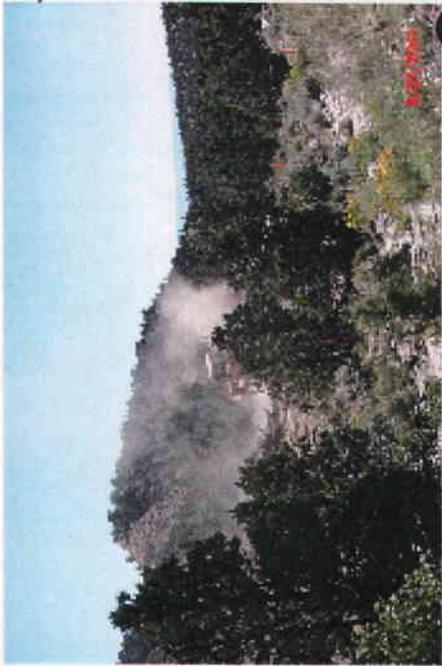
cc: Tom Paluso, Environmental Industrial Services
Shane Campbell, Scamp Excavation Inc.
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cleaning + grubbing



piling vegetation - crushing/creating mulch.



grading topsoil + forming berm.



creating berm on northeast.



north east berm.



vegetation/mulch pile.



lateral #7 east side.

Dugout mine leachfield
8/27/01