



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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DIVISION OF OIL GAS & MINING FIELD VISIT FORM TECHNICAL

Date : August 21, 1996

Time: 9:00 a.m. to 2:00 p.m.

Mine: Gordon Creek 2,7,8

File Number: ACT/007/016

DOGM Staff: Robert Davidson, Dave Darby and Susan White

RAD

Other Attendees: Dan Guy and Mel Coonrod

Purpose:

On-site visit to approve #8 mine surface preparation in preparation for seeding and hydro-mulch applications.

Observations:

The entire surface had been roughened by deep gouging. None of the surface had been ripped. Two areas were not sufficiently loosened by the surface preparation with the soil surface compacted and the gouged soil material broken into heavy, hard clods. The soil in these areas appeared to be clayey in origin and heavily compacted when wet. These included the soils on the upper, far-east end of the slope and the lower portion just west of the rip-rap channel. The #8 mine topsoil pile had been moved to access fill and subsoil material below for the #7 mine. Topsoil signs were visible on the stockpiled topsoil.

The thistle problem is still not abated. Many plants have been allowed to flower and are now going to seed.

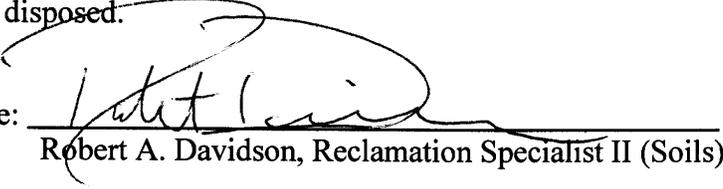
Recommendations/Conclusions:

Access to the upper compacted clayey soils is impracticable. It was decided not to rework these soils since this area is a small percentage of the total surface. The lower compacted soils will be loosened further and covered with additional topsoil. This lower area will be partially disturbed by a temporary road providing an access point for hydro-mulching the upper slopes thus providing the opportunity to loosen the soil and apply additional topsoil afterwards. All slopes at or greater than 2:1 will be stabilized by agronomy matting. Hydro seeding will be done prior to hydro-mulching to provide soil-seed contact. Fertilizer (16-16-8) will be applied with the mulch.



Page 2
Field Report
August 21, 1996

The thistles will be sprayed and clipped with the flower and seed heads placed in bags and properly disposed.

Signature:  on August 23, 1996
Robert A. Davidson, Reclamation Specialist II (Soils)

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