Raven Ridge Project Reclamation

Black + Moore
[Western Tar Sands]

Received 1-22-81 Hand Delivered, typed well-follow shortly.

Roadways, drill pads, + exploration cuts will be rough-graded to restore the approximate original contours. First the fill + then the ~~the~~ topsoil material will be replaced.

Compacted areas caused by equipment will be scarified to a depth of not less than prior to replacing fill or soil material.

Water-breaks will be utilized wherever appropriate to prevent run-offs.

Side hill cuts, if any, will be stabilized

Seeding will be performed

in the fall after October 15th or in the spring before May 1st. Seed will be drilled ½" to ¾" deep into the soil. If drilling is not possible the seed will be broadcast with a rotary spreader or by hand + covered by harrowing, dragging or hand raking.

Planting times + seed mixtures + rates will be adjusted to satisfy the BLM guidelines for this area or those of the Utah ~~Agriculture Department~~ Division of State Lands.

Possible mixtures are as follows:

	lbs. per acre Drilled	B/c
Streambank Wheat grass	= 5	10
Thick Spike " "	= 6	12
Indian Rice Grass	= 1	2

Plugging Procedures

All drill holes will be capped at least two feet below the surface & then backfilled with soil to the ground surface.

In the event artesian water is encountered, these flows will be plugged.

If aquifers are penetrated a cement seal will be emplaced to prevent contamination & depletion of these aquifers.

If permitted, we will emplace 4"x4" wooden posts in each hole with plastic name tape stapled thereon giving the hole ~~no~~ number, the company name, & the hole location.