



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

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July 26, 2001

To: In [REDACTED]
Thru: Daron R. Haddock, Permit Supervisor *DRH*
From: *BB* Priscilla W. Burton, Soils Reclamation Specialist
Re: Technical Field Visit, Wild Horse Ridge Construction, Bear Canyon Mine, Co-Op Mining, C [REDACTED]

Other Attendees: Jim Smith, DOGM
Charles Reynolds, Engineer, Co-Op Mining

Date & Time: July 17, 2001 from 2:00pm - 3:00pm

PURPOSE:

To observe the construction of the topsoil pile as the Lower Conveyor Access road and culverts are installed. Follow-up visit from last week's inspection (7/12/2001).

OBSERVATIONS:

Images from the field visit are saved in the Images file for this mine and dated 07/17/2001. During the site visit on 07/17/2001, I observed the following:

- The 36-inch by-pass culvert for the ephemeral drainage had been partially covered with topsoil, as discussed in the 7/12/2001 inspection report. More fill is needed and will be obtained from conveyor route.
- The catch basin has been carved out and topsoil had been recovered (10 loads @ 6 yds/bucket = 60 yds from catch basin), as discussed in the inspection report 7/12/2001.
- The topsoil previously being used to access the lower conveyor access road had been placed on the topsoil pile (25 loads @ 6 yds/bucket = 150 yds from road crossing).
- Salvage from the ephemeral drainage in the location of the road crossing is about 30-inches, greater than the 15-inches described in Map C, Soil Salvage map for the area.
- Further work on the lower conveyor access road has created some topsoil to be moved down to the topsoil pile. Operator is containing disturbance within markers. Vegetation removed from disturbed area is allowed outside of markers.
- Silt fencing is in place downslope of the topsoil pile.

TECHNICAL FIELD VISIT

What's on the schedule for next week?

1. Removal of topsoil across the slope below the topsoil pile to the site of the first tower and begin construction of tower base.
2. Remove topsoil from and finish lower conveyor access road.
3. Shape the catch basin.
4. Bury the bypass culvert at the catch basin.
5. Remove topsoil from conveyor route.
6. Seed and mulch Bear Creek Culvert and catch basin.

What did soil look like in the ephemeral drainage?

In the location of the 12-foot culvert, approximately 5 feet of soil was excavated; beneath this were big boulders and a bed of gravel (a buried channel).

RECOMMENDATIONS/CONCLUSIONS:

I recommend that site visits continue to observe salvage and placement of the material and to observe sediment controls during the construction.

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cc: Charles Reynolds, Co-Op Mining
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