

0018

January 17, 1983

Inspection Memo
to Coal File:

#7

RE: Huntington #4 Mine
Beaver Creek Coal Company
ACT/015/004
Emery County, Utah

DATE: December 16, 1982
TIME: 8:00 - 9:00 A.M., 2:30 - 3:30 P.M.
WEATHER: Fair, unseasonably warm
COMPANY OFFICIALS: Scott Raymond
STATE OFFICIALS: Sandy Pruitt

Compliance With Permanent Performance Standards

UMC 771 Permits et al

Approval to conduct mine operations was granted by DOGM under the Mined Land Reclamation Act on August 25, 1977. The mine was temporarily closed in 1978. OSM granted approval to recommence mine operations under the interim program on January 30, 1980. DOGM did not complete the mine plan review under the interim program. State approval will be granted following a review of the permanent program application. The ACR, dated June 9, 1982, has not been responded to.

An air quality permit (granted for the production increase to 720,000 tpy) dated March 22, 1982 requires that the roads and coal stockpile be watered down regularly to control dust.

UMC 817.21 - .23 Topsoil

A berm has been constructed along the base of the topsoil stockpile that is closest to the leachfield area as needed.

UMC 817.41 - .57 Hydrologic Balance

Some snow removed from the road was pushed into the stream just below the cyclone. The snow did not obstruct stream flow, but additional storage in this manner could create an obstruction. It was requested that this snow/waste be retrieved from the stream channel.

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The sediment pond was being cleaned out at the time of this inspection in abatement to NOV N82-2-9-1. The sediment had been analyzed for UP&L to get permission to dispose of the waste in the Huntington Power Plant Ash Disposal site. At the time of this inspection results from the analyses had not been obtained yet, so the sediment would be hauled to C. V. Spur at an additional cost. A 4" pipe extending from the mine pad down to the load-out pad prevents the mine discharge from picking up excessive amounts of sediment along its course to the sediment pond.

NPDES permit #UT-0023116 was issued on November 3, 1982 and will expire June 30, 1987. The permit authorizes discharge from the cyclone (001) with the conditions that there be no slug or batch discharge of sediment from the slack-storage basin, pump sump, or cyclone. A discharge of overflow from the culinary water tanks, sediment pond discharge, and mine drainage were also acknowledged in the new permit.

There was no discharge from the sediment pond reported in July or August. The sediment pond discharged at a rate of around 1 gpm in September and October. A report of non-compliance during the period from September 28, to October 18, 1982 was sent to the EPA on December 6, 1982. The proposed mitigative action has been implemented with the installation of the diversion pipe and cleaning of the sediment pond. A sample of discharge taken on October 18, 1982 contained only 12 ppm TSS. Water monitoring data for the third quarter was submitted as required and was in compliance.

UMC 817.121 - .126 Subsidence Control

The mine area was flagged for an aerial survey to be conducted by the Forest Service in September but due to cold weather this survey could not be done.

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Jim Voorbees indicated that Beaver Creek Coal Company had not yet received any data from the USFS surveys. Mr. Sam Hotchkiss was contacted at the USFS Manti-LaSal District office. He explained that the aerial survey program was initiated about 4 to 5 years ago to meet U. S. Forest Service subsidence monitoring requirements. Aerial surveys were conducted for baseline determination in color and color-infrared photogrammetry. The regional USFS office worked closely with Beaver Creek Coal Company in determining a fly-over pattern that would cover the entire lease area. These photographs (including the complete survey in 1981) are submitted to Dan Guy of Beaver Creek Coal company. There is a complete set of photographs at the Manti-LaSal District office also. Lynn Wiese at the USFS regional office can be contacted for an interpretation of the survey results.

UMC 817.150 - .176 Roads

All drainage culverts inspected were well maintained.

SANDY PRUITT
FIELD SPECIALIST

SP/lm

cc: Tom Ehmett, OSM
Scott Raymond, Beaver Creek Coal Company
Joe Helfrich, DOGM

Statistics:

See Genwal Memo dated January 4, 1983.