

January 12, 1987

TO: Coal File

FROM: James R. Fricke, Reclamation Hydrologist *JRF*

RE: MRP Amendment, Request to Amend Water Monitoring Plan, C.V. Spur Loadout, ACT/007/022, Folder #3 and #9, Carbon County, Utah

Beaver Creek Coal Company has submitted a MRP Amendment Plan dated 12/9/86 for the water monitoring program. The operator intends to follow DOGM water monitoring guidelines as adopted in January, 1986. The operator will follow operational sample parameters. The BCCC will collect the aforementioned parameters on a bi-annual basis. The proposed amendment will delete the following wells from the monitoring plan.

CV-2-W
CV-7-W
CV-8-W
CV-9-W
CV-13-W

The Division agrees with the following stipulation:

1. The operator shall not abandon the wells. The wells should be sealed with a removable cap. The Division may request periodic sampling of these wells if a trend in reduced water quality and quantity is noted for other monitored wells in the vicinity of the discontinued monitor wells. If these wells are monitored in the future, the Division may request that the wells be air or water flushed down to the original total depth as noted in Table 7-1 of the MRP.

The operator will be monitoring the following wells:

CV-0-W (Ditch)
CV-1-W
CV-3-W
CV-4-W
CV-5-W
CV-6-W
CV-10-W
CV-11-W
CV-12-W
C -14-W (Ditch)

The Division requests that BCCC check each well for total depth footage. Monitor wells that are not currently at the original total depth will be air or water flushed to achieve the original total depth. The air flush program should be completed before adopting the new water monitoring program.

Recent review of the C.V. Spur monitoring report has noted high values of iron for CV-3, 4, and 12. The operator should air flush these wells and sample for iron. This can be achieved by noting the color of the air flush or bailed water. If the water is reddish-brown in color (denoting iron content) the operator should collect a sample and perform a lab analysis for iron, pH, TSS and conductivity.

Finally, the operator must commit to the data report form in the amendment plan and commit to collecting the data in the spring and fall of each year. The complete form must be submitted to the DOGM office on a bi-annual schedule.

djh
cc: J. Whitehead
0798R/13