

0009

Document Information Form

Mine Number: C/007/022

File Name: Internal

To: DOGM

From:

Person N/A

Company N/A

Date Sent: November 8, 1982

Explanation:

Inspection Memo

cc:

File in:
C/ _____, _____, Internal

- Refer to:
- Confidential
 - Shelf
 - Expandable

Date _____ For additional information

November 8, 1982

Inspection Memo
to Coal File:

RE: Beaver Creek Coal Company
C. V. Spur
ACT/007/022
Carbon County, Utah

Doug Maier, Engineering Geologist, and Sandy Pruitt inspected the C. V. Spur operation with Jim Voornees and Dick Robison, Beaver Creek Coal Company, on October 21, 1982. There were no new compliance problems immediately evident.

Sediment ponds #1, 2 and 3 were nearly full; pond #4 about 4/5 full; #5 approximately 1/8 full; #6 about 1/4 capacity. The thickner overflow pond was also full. In a phone conversation October 22, 1982, Dan Guy informed me that the plant had to be dewatered about three weeks ago due to a water imbalance. Water from the plant was pumped into the thickner overflow pond (capacity about 945,000 gallons). Overflow drained into ponds 1, 2 and 3. Water balance is to be achieved by pumping water from the thickner overflow pond into ponds 1, 2 and 3 for settling before draining into filter pond #6 and the pumphouse for recirculation into the plant. This dewatering process is in compliance with plans submitted November 10, 1980, but the plans did not address the rate that ponds are dewatered and recirculated into the plant or the reduced storage capacity of the sediment ponds resulting from the emergency storage and detention of plant water. The potential for problems resulting from these deficiencies is now apparent on-site and should be addressed for compliance with UMC 817.46. The volume of water discharged from the plant, the pond detention time necessary for cleaning and the rate of pond dewatering keeping the plant water system in balance must be determined and related to the required capacities for runoff from a 10-year, 24-hour event and the sediment storage volume for all ponds, #1, 2, 3 and 6.

The pond capacity problem is further complicated with the consideration of the irrigation water accumulating at the base of the coarse refuse pile, the volume of water ponding at the base of the refuse pile had decreased since the last inspection. In a phone conversation October 22, 1982, Dan Guy informed me that Bert Jeansely, Beaver Creek Coal Company, had made arrangements with the county to install a new irrigation system for the adjacent landowner which would separate his system from the C. V. Spur canal line. The 10 inch canal line is mostly likely broken. Beaver Creek Coal Company will determine whether the canal water is still necessary as a supplemental source of water, and when the area is accessible, the pipe will either be repaired or blocked.

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Refer to Record No 0009 Date 11-8-82
In CI 007, 022, Internal
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A three acre section of the C. V. Spur property north of the sedimentation ponds 1, 2 and 3 had been roto-tilled and hydroseeded. The small area (about 1/3 acre) south of the pump house and east (down-drainage) from filter pond #6 had evidently been disturbed recently, probably used for parking.

SANDY PRUITT *SP*
FIELD SPECIALIST

cc: Tom Ehmett, OSM
Dan Guy, Beaver Creek Coal Company
Inspection Staff

SP/btb

Statistics:

See Gordon Creek #3 & 6 Mines memo dated November 1, 1982
Grant: A & E