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State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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INSPECTION REPORT

INSPECTION DATE & TIME: October 17, 1989
8:30 a.m. - 3:30 p.m.

Permittee and/or Operators Name: BEAVER CREEK COAL COMPANY
Business Address: P. O. BOX 1378 PRICE, UT. 84501
Mine Name: GORDON CREEK 2,7,8 Permit Number: ACT/007/016
Type of Mining Activity: Underground Surface Other
County: CARBON State: UT
Company Official(s): DAN GUY
State Official(s): BILL WARMACK
Partial: Complete: Date of Last Inspection: SEPTEMBER 30, 1989
Weather Conditions: COOL & WINDY
Acreage: Permitted 2289 Disturbed 18 Regraded Seeded Bonded 18
Enforcement Action: NONE

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

	YES	NO	N/A	COMMENTS
1. PERMITS	(X)	()	()	(X)
2. SIGNS AND MARKERS	(X)	()	()	()
3. TOPSOIL	(X)	()	()	(X)
4. HYDROLOGIC BALANCE:				
a. STREAM CHANNEL DIVERSIONS	(X)	()	()	()
b. DIVERSIONS	(X)	()	()	()
c. SEDIMENT PONDS AND IMPOUNDMENTS	(X)	()	()	(X)
d. OTHER SEDIMENT CONTROL MEASURES	(X)	()	()	()
e. SURFACE AND GROUNDWATER MONITORING	(X)	()	()	(X)
f. EFFLUENT LIMITATIONS	(X)	()	()	()
5. EXPLOSIVES	(X)	()	()	()
6. DISPOSAL OF DEVELOPMENT WASTE AND SPOIL	(X)	()	()	()
7. COAL PROCESSING WASTE	()	()	(X)	()
8. NONCOAL WASTE	(X)	()	()	(X)
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	(X)	()	()	(X)
10. SLIDES AND OTHER DAMAGE	()	()	(X)	()
11. CONTEMPORANEOUS RECLAMATION	(X)	()	()	()
12. BACKFILLING AND GRADING	()	()	(X)	()
13. REVEGETATION	(X)	()	()	(X)
14. SUBSIDENCE CONTROL	(X)	()	()	()
15. CESSATION OF OPERATIONS	()	()	(X)	()
16. ROADS				
a. CONSTRUCTION	(X)	()	()	()
b. DRAINAGE CONTROLS	(X)	()	()	()
c. SURFACING	(X)	()	()	()
d. MAINTENANCE	(X)	()	()	(X)
17. OTHER TRANSPORTATION FACILITIES	(X)	()	()	()
18. SUPPORT FACILITIES				
UTILITY INSTALLATIONS	(X)	()	()	()

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(Comments are Numbered to Correspond with Topics Listed Above)

GENERAL

This complete inspection commenced with a review of the pertinent mine records at Beaver Creek's main office and followed with an on-site field inspection. Mr. Dan Guy represented BCCC during the inspection.

Ground conditions were very dry, however, a few small seeps located throughout the property were flowing. Sheep have been removed from the adjacent grazing lands by access at the Right Fork of Bryner Canyon.

State NOV #89-33-2-1 was vacated by a Division representative on September 25, 1989. The delinquent water monitoring data (Total Suspended Solids) was supplied by the laboratory, and determined to be true and accurate. Laboratory analysis sheets were revised to reflect current information.

1. PERMITS

1. Beaver Creek was issued a permit renewal by the Division on August 28, 1989. The permit shall expire on August 28, 1994. Attendant to the permit are four stipulations, described as follows:

a. UMC 817-23-(1,2)-(HS). Submit within 30 days as-built surveys of the soil stockpiles and a topsoil mass balance table. Extension until October 27, 1989 was granted by the Division on September 28, 1989.

b. UMC 817.43-(1)-(DW). Submit within 60 days (October 27, 1989) adequate riprap sizing and channel designs for reclamation of Bryner Canyon.

c. UMC 817.44-(1)-(DW). Submit within 60 days (October 27, 1989) riprap sizing, gradation, and filter blanket requirements for the diversion of North Fork Gordon Creek at Sweets' Canyon water truck fill-up pond.

d. UMC 817.97-(1)-(WJM/BAS). Within 30 days, safeguard all powerpoles at the #2 Mine from raptar electrocution.

2. The reclamation bond is current and on file. A surety bond has been posted (August 14, 1987) in the amount of \$641,443.00 for a total of 18 disturbed acres.

3. An annual report for 1988 was submitted to the Division on March 31, 1989, and included correspondences, monitoring data, and applicable permit requirements.

4. An insurance policy is current and in force. Policy #HDO GO 969065-7, effective January 1, 1989, shall remain in force through the life of the operations.

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5. BCCC was issued a new UPDES permit (#UTG040004) by the Department of Health on May 4, 1989.

3. TOPSOIL

During construction of the #8 Mine facility, topsoil was excavated and placed at the #7 topsoil storage area. Additional material (subsoil) was also excavated and stored adjacent to the topsoil pile in the snow pond. Both piles have been seeded and hydromulched to provide protection from wind and water erosion. Although the outslope areas are adequately vegetated and would serve as a "vegetative filter" for runoff, strategically placed siltation structures would ensure that the soil mediums would remain in place

4c. SEDIMENT PONDS & IMPOUNDMENTS

1. As requested in the August 8, 1989 inspection report, Mr. Guy has surveyed the sedimentation ponds to assess storage capacity. Pond 7A has reached the upper limits for sediment volume and will be cleaned in the near future. As a suggestion to Mr. Guy, plans for sediment removal and any reconstruction or modifications should be submitted to the Division prior to mobilization. Several cleanout procedures were discussed at the mine site and should not pose any significant problems since the two ponds are connected in series.

2. Quarterly pond inspections were complete through the third quarter. No instability or associated problems were noted. All ponds were certified on January 26, 1987; as-constructed drawings were on file.

4e. SURFACE & GROUNDWATER MONITORING

1. Water quality and quantity measurements were complete through the second quarter 1989. Results of the third quarter analysis have not been received by BCCC at this time. When available, results will be incorporated with the current water data and submitted accordingly.

2. First and second quarter UPDES monitoring has been completed and sent to the corresponding agencies. Third quarter data was being compiled at the present time.

8. NONCOAL WASTE

The newly created storage area near the #8 Mine subsoil pile has become a dumping ground for several lengths of ventilation tubing. Storage areas at

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this particular mine site are a premium, and it appears that the tubing had been indiscreetly placed along the slopes, allowing at least one length to roll into the adjacent diversion ditch. Such storage of mine materials provides a potential disruption to drainage systems and reduces the usable storage areas on site. In the future, careful consideration should be given to placement and storage of mine supplies.

9. PROTECTION OF WILDLIFE

In accordance with Permit Stipulation UMC 817.97-(1)-(WJM/BAS), BCCC has installed raptor perches at the #2 Mine area. Power poles (excluding light poles, etc.) have been safeguarded with perches or perch deterrents to prevent raptor electrocution.

13. REVEGETATION

The cut and fill slopes associated with the #8 Mine and also the topsoil/subsoil stockpiles have been seeded and hydromulched.

16 d. ROAD MAINTENANCE

Recent dry weather and hunter activity have developed dusty conditions throughout the local area. To alleviate dust, water was being applied to the haul road prior to and during this inspection.

Copy of this Report:

Mailed to: Dan Guy, BCCC

Mailed to SLC for: Joe Helfrich, DOGM; Brian Smith, OSM

Filed to: PFO

Inspectors Signature and Number: William A. Warmack #30 Date: October 17, 1989

William A. Warmack 10/23/89