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State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter
Governor
Dee C. Hansen
Executive Director
Dianne R. Nielson, Ph.D.
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

September 12, 1991

Mr. Robert H. Graham, President
American Coal Co-Op, Inc.
3159 South 3075 E.
Salt Lake City, Utah 84109

Dear Mr. Graham:

Re: Completion of Exploration Project and Return of Exploration Bond, Boyer Mine, CEP/043/008-91A, Folder #2 and #4, Summit County, Utah

On September 3, 1991, you informed the Division that you had completed your reconnaissance exploration project at the Boyer Mine and that the portal had been resealed on August 31, 1991. Subsequently, the Division conducted an inspection to determine among other things, the adequacy of the portal sealing. This inspection was done on September 11, 1991 by Priscilla Burton. A copy of her inspection report is enclosed for your information.

At this time it appears that you have completed the requirements of your exploration permit. The Division returns herewith the \$2000.00 exploration bond previously tendered in the form of a certified check which has been endorsed by the Division. Please be aware that no other actions are now authorized at the Boyer Site. We appreciate your diligence in completing this project and wish you luck in your future activities.

If you have any questions please feel free to call Daron Haddock, Permit Supervisor, at 538-5340.

Best Regards,

Dianne Nielson
Director

Attachments

- cc: J. Helfrich
 - L. Braxton
 - D. Haddock
 - P. Burton
- BOYEEEXPL.LET

*Receipt of \$2000.00
Deposit acknowledged 9/16/91
Robert H. Graham*



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N.R.H

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INSPECTION REPORT

INSPECTION DATE & TIME: September 11, 1991
11:30am - 1:30 pm

Permittee and/or Operator's Name: Summit Coal Co.
Business Address: P.O. Box 646, Coalville UT 84017
Mine Name: Boyer Mine Permit Number: INA/043/008
Type of Mining Activity: Underground X Surface Other
County: Summit Company Official(s): N/A
State Official(s): Priscilla Burton
Federal Official(s): none
Partial: Complete: X Date of last Inspection: 8/27/91
Weather Conditions: partly cloudy, muddy, 70's
Acreage: Permitted=170 Disturbed=5.5 Regraded=0 Seeded=0
Bonded=5.5 Enforcement Action: none

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

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

INSPECTION REPORT

(Continuation sheet)

Page 2 of 3

PERMIT NUMBER: INA/043/008 DATE OF INSPECTION: September 11, 1991

(Comments are Numbered to Correspond with Topics Listed Above)

2. SIGNS AND MARKERS

An AVS check of the sign was not confirmed by the information provided in the permit.

The sign lists the address for the Boyer Mine as P.O. Drawer 7; Coalville UT 84017. Telephone: 561-8902.

The permit lists the address as P.O. Box 646; Coalville UT. Telephone: 336-5514.

4. a. HYDROLOGIC BALANCE -- STREAM CHANNEL DIVERSIONS

Undisturbed diversions flowing into culvert C-2 (see Plate 7-1) have piled weeds in front of the upstream end of the culvert.

The undisturbed diversion ,C-1, is presently dry. Sixty feet from its outlet, this culvert has become disconnected. Runoff from the disturbed area can enter the culvert through a 3 inch wide crack. Recent storms have exposed this crack which was previously unnoticed by soil cover.

4. b. HYDROLOGIC BALANCE -- DIVERSIONS

The 24" culvert, C-6, that carries water from the County road runoff and truck roadway entrance is plugged with sediment. Approximately 3" of clearance remains from the top of the culvert to the level of sediment. Water from the truck entrance is creating erosion around culvert C-6 as a result. This flow is undercutting the edge of the State Road, U133.

The disturbed diversion flowing into culvert C-3 has rocks and weeds filling in the upstream end. Culvert C-5, an 18" culvert upstream paralleling the State Road, is likewise plugged with sediment and trash.

In the location of the weigh station, a fraction of the runoff from the spoil is reporting to the down drain. It is also creating deep piping holes around the cement weigh station, creating gullys down the East and West access roads. The berms and trenches should be relocated to send the flow from the coal waste piles to the sed pond directly through this drop drain rather than around the road. North of the office, the drop drain in this location is full of sediment. Also, north of the office, the ditch and berm that is servicing most of the flow on the site is in need of repair. In short, maintenance is required on the disturbed diversion culverts and berms, and on the undisturbed State Road (U 133) culverts.

Another breach in the undisturbed diversion berm encircling the site) was noted. This breach occurs at a point west of culvert

C-1 where the berm crosses the road leading up the hillside. Plenty of water has entered the site through the breach, as a small stream channel was evident through the trash and spoil. In its course down hill, this water has deeply cut trenches into the road. Fortunately, the water turns around the bend and heads for the sediment pond, leaving a thick, clay/coal waste layer where the slope levels out.

4.c. SEDIMENT PONDS

The sediment pond is marshy. Cattail seed heads are attractive. The principal spillway has been closed. Iron (rust) has accumulated in a circle around the spillway from the iron plate presently covering the oil skimmer. The pond is not discharging. The embankments are stable.

6. DISPOSAL OF DEVELOPMENT WASTE

Wild asters and rabbitbrush are blooming on part of the coal waste piles.

12. BACKFILLING AND GRADING

The second and third portals were opened for exploration activity by American Coal Co-op this summer. These two portals and the air vent were resealed. The second portal was overfilled. The excess will likely be carried down to the sediment pond.

16. DRAINAGE CONTROLS

The water bar on the West access road is in tact. The water berm on the East access road does not completely cross the road, approximately five feet remains open to flow. The flow from the majority of the site curves around the bend and does not exit this opening. Coal evident on the access road below the water bar must have been deposited there before the berms were in place.

Copy of this Report:

Mailed to:

Brian Smith, Offic of Surface Mining

Given to:

Joe Helfrich and Daron Haddock, DOGM

Inspector's Signature & Number:  #37 Date: 9/12/91

**First
Security
Bank**

First Security Bank of Utah, N.A.
Salt Lake City, Utah

Official Check

10-86
220

849553012

Office No. 067

Date July 3, 1991

Pay to the Order of *****Dept. of Oil, Gas and Mining*****

*****2,000.00*****

FIRST SECURITY BANK OF UTAH

For **Robert H. Graham**

To Citibank (New York State): Buffalo, N.Y.

Shirley Wilkinson
Authorized Signature by **Drawer: First Security Bank of Utah**

⑆022000868⑆ 81467567 849553012