

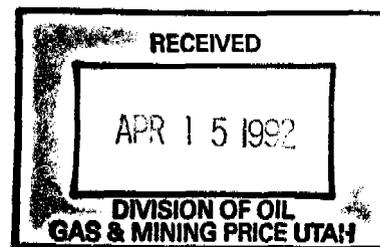
**Mountain Coal Company**

Trail Mountain Mine  
Post Office Box 1378  
Price, Utah 84501  
Telephone 801 637-5050 (Price Office)  
801 637-5203 (Mine Office)  
801 748-2140 (Mine Site)



April 8, 1992

Mr. Lowell Braxton  
Administrator  
Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203



Re: 1991 Annual Report  
Gordon Creek No. 3/6 Mines  
ACT/007/017  
Carbon County, Utah

Dear Mr. Braxton:

Enclosed is the Annual Report for Coal Mining and Reclamation Operations for 1991 for the Gordon Creek No. 3/6 Mines.

If you have any questions or need any further information, please let me know.

Respectfully,

Dan W. Guy,  
Manager, Permitting & Compliance

DWG/cr

cc: Rick Parkins  
Johnny Coffey

Annual Reports Review

Mine Name Jordan Creek #3 & #6

Date Submitted April 15, 1992

Sections to be reviewed:

Cover Sheet and Mine Sequence Map - Jesse  
Date Reviewed \_\_\_\_\_

Summarized Water Monitoring Data - Ken  
Date Reviewed gone didn't do  
Ken 4/17

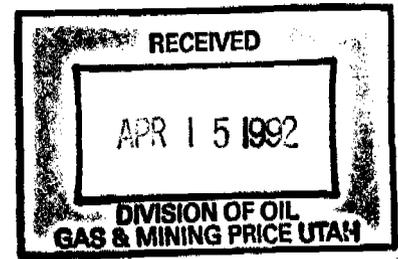
Precipitation and Climatological Data - Ken  
Date Reviewed \_\_\_\_\_

Subsidence Monitoring Report - Jesse  
Date Reviewed \_\_\_\_\_

Vegetation Data and Revegetation Success Monitoring - Susan  
Date Reviewed \_\_\_\_\_

Annual Impoundment Certification - Jesse  
Date Reviewed \_\_\_\_\_

Annual Overburden, Spoil, Refuse, Roof, Floor, etc - Henry  
Date Reviewed \_\_\_\_\_



**MOUNTAIN COAL COMPANY**  
**1991 ANNUAL REPORT**  
**GORDON CREEK NO. 3/6 MINES**

**Mountain Coal Company**

Trail Mountain Mine  
Post Office Box 1378  
Price, Utah 84501  
Telephone 801 637-5050 (Price Office)  
801 637-5203 (Mine Office)  
801 748-2140 (Mine Site)



April 8, 1992

Mr. Lowell Braxton  
Administrator  
Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Re: 1991 Annual Report  
Gordon Creek No. 3/6 Mines  
ACT/007/017  
Carbon County, Utah

Dear Mr. Braxton:

Enclosed is the Annual Report for Coal Mining and Reclamation Operations for 1991 for the Gordon Creek No. 3/6 Mines.

If you have any questions or need any further information, please let me know.

Respectfully,

Dan W. Guy,  
Manager, Permitting & Compliance

DWG/cr

cc: Rick Parkins  
Johnny Coffey



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

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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

March 27, 1992

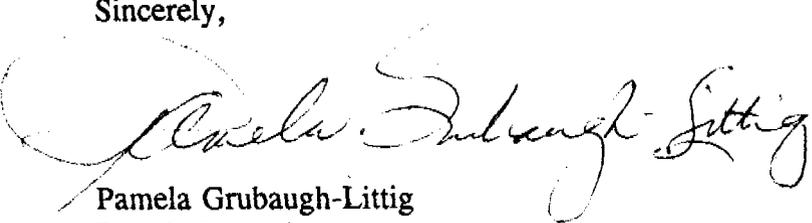
Mr. Dan Guy, Manager  
Mountain Coal Company  
P.O. Box 1378  
Price, Utah 84501

Dear Mr. Guy:

Re: Extension Granted, Annual Reports, Gordon Creek #2, #7, and #8 Mine, ACT/007/016, Gordon Creek #3 and #6 Mine, ACT/007/017, C.V. Spur Loadout and Processing Facility, ACT/007/022, Huntington #4 Mine, ACT/015/004, Trail Mountain Mine, ACT/015/009, Folder #3, Carbon and Emery County, Utah

An extension is granted per your verbal request for submittal of the annual reports for the above-noted coal mining and reclamation operations until April 15, 1992.

Sincerely,

  
Pamela Grubaugh-Littig  
Permit Supervisor

COAL MINING AND RECLAMATION OPERATIONS FOR 1991

(Must be submitted to the Division by March 31, 1992)

State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
3 Triad Center, Suite 350  
355 West North Temple  
Salt Lake City, Utah 84180-1203  
(801) 538-5340

Permittee: Mountain Coal Company  
Mine Name: Gordon Creek No. 3/6 Mines  
Mailing Address: P.O. Box 1378, Price, Utah 84501  
Company Representative: Dan W. Guy  
Resident Agent: Dan W. Guy  
Permit Number: INA/007/017  
MSHA ID Number: N/A  
Date of Initial Permanent Program Permit: 5/11/78  
Date of Permit Renewal: 11/12/91 (Expires 9/19/96)  
Quantity of Coal Mined (tonnage) 1991: N/A

Attach Updated Mine Sequence Map N/A  
(Same as Lease Royalty Payment Map and/or MSHA Progress Map)

All monitoring activities during the report period to be submitted with this report (including, but not limited to):

- A. Summarized Water Monitoring Data: (Enclosed)
1. List of monitoring points and their locations and respective frequencies of monitoring (monthly, quarterly, etc.) as approved in the PAP
  2. UPDES permit number, UPDES discharge points and their locations
  3. Summary of findings based on water monitoring during 1991
  4. Submit water monitoring as database files (ASCII, Lotus, dBase, etc.)  
(Please contact Ken Wyatt if you have any questions)
- B. Precipitation or Other Climatological Data (please submit as database files: ASCII, Lotus, dBase, etc.-- Contact Ken Wyatt if you have any questions)

**C. Subsidence Monitoring Report:**

1. Brief description of monitoring system (monuments or aerial surveys, how monitoring is done, how frequently monitoring is done)
2. List of all monitoring points (if any) and their locations and amount of displacement of each
3. Map showing either monitoring points (if any) or a representation of subsidence which has occurred
4. Any owners and/or occupants of surface property and structures above the underground workings who were or will be mailed notification six months prior to mining (R614-301-525.300)

**D. Vegetation Data (test plots) or Revegetation Success Monitoring (includes interim and final):**

1. Test plot monitoring data or implementation
2. Quantitative results from interim or final seeding efforts
3. If quantitative monitoring was not required, then at minimum, a qualitative description of the interim or final vegetation
4. Describe any seeding done on site during the current year

**E. Annual Impoundment Certification, (R614-301-514.312) which includes the following information:**

1. Any appearances of instability
2. Structural weakness or other hazardous conditions
3. Depth and elevation of any impounded waters
4. Existing storage capacity
5. Any existing or required monitoring procedures and instrumentation
6. Any other aspects of the structure affecting stability

*Suggested form enclosed*

**F. Annual Overburden, Spoil, Refuse, Roof, Floor, and Mid-Seam Data. For consistency and completeness, please submit data for this reporting requirement in the following manner:**

1. Location of sample site, sample interval, and sample matrix (if roof or floor, then include lithologic unit and if coal, then thickness of seam at sample site)
2. Sampling technique employed in the field (i.e., grab sample, composite, depth segregated or specific procedure outlined in the permit by chapter and page) and preparation prior to analysis (i.e., sieved sample, ground sample, air dried, oven dried, etc.)
3. Laboratory analysis report sheet which includes:
  - I. Sample time and date
  - II. Date and time of lab analysis
  - III. Analytical method(s) employed and references. Include the soil/spoil: water ratio.
4. Summary of findings based on monitoring

**G. Any Other Information Required to be Submitted as Specified in your Permit Application Package and Permit**

jbe  
A:/Annual

PERMIT

NON-FEDERAL

PERMIT  
ACT/007/017

November 12, 1991

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
(801) 538-5340

This permit, ACT/007/017, is issued for the State of Utah by the Utah Division of Oil, Gas and Mining (Division) to:

Mountain Coal Company  
P.O. Box 1378  
Price, Utah 84501  
(801) 637-5050

for the Gordon Creek #3 and #6 Mine. A Surety Bond is filed with the Division in the amount of \$138,400, payable to the State of Utah, Division of Oil, Gas and Mining. The Division must receive a copy of this permit signed and dated by the permittee.

- Sec. 1 STATUTES AND REGULATIONS** - This permit is issued pursuant to the Utah Coal Mining and Reclamation Act of 1979, Utah Code Annotated (UCA) 40-10-1 et seq, hereafter referred to as the Act.
- Sec. 2 PERMIT AREA** - The permittee is authorized to conduct underground coal mining activities on the following described lands within the permit area at the Gordon Creek #3 and #6 Mine, situated in the state of Utah, Carbon County, and located:

Township 13 South, Range 8 East, SLBM

- Section 8: SE1/4 SE1/4  
Section 9: S1/2 SW1/4, SW1/4 SE1/4  
Section 16: SE1/4 NW1/4, SW1/4 NE1/4, N1/2 NW1/4, SW1/4, SW1/4 NW1/4, Portions of SW1/4 SE1/4, Portions of NW1/4 SE1/4  
Section 17: NE1/4 NE1/4, SE1/4 NE1/4, NE1/4 SE1/4  
Section 21: Portions of W1/2 NE1/4, Portions of SE1/4 NW1/4

This legal description is for the permit area of the Gordon Creek #3 and #6 Mine. The permittee is authorized to conduct underground coal mining activities and related surface activities on the foregoing described property subject to all applicable conditions, laws and regulations.

- Sec. 3 COMPLIANCE** - The permittee will comply with the terms and conditions of the permit, all applicable performance standards and requirements of the State Program.
- Sec. 4 PERMIT TERM** - This permit is renewed, effective November 12, 1991, and will expire on September 19, 1996.
- Sec. 5 ASSIGNMENT OF PERMIT RIGHTS** - The permit rights may not be transferred, assigned or sold without the prior written approval of the Division Director. Transfer, assignment or sale of permit rights must be done in accordance with applicable regulations, including but not limited to 30 CFR 740.13{e} and R614-303-300.
- Sec. 6 RIGHT OF ENTRY** - The permittee shall allow the authorized representative of the Division, including but not limited to inspectors, and representatives of the Office of Surface Mining Reclamation and Enforcement (OSM), without advance notice or a search warrant, upon presentation of appropriate credentials, and without delay to:
- (a) have the rights of entry provided for in 30 CFR 840.12, R614-400-220, 30 CFR 842.13 and R614-400-110;
  - (b) be accompanied by private persons for the purpose of conducting an inspection in accordance with R614-400-100 and R614-400-200 when the inspection is in response to an alleged violation reported to the Division by the private person.
- Sec. 7 SCOPE OF OPERATIONS** - The permittee shall conduct underground coal mining activities only on those lands specifically designated as within the permit area on the maps submitted in the approved plan and approved for the term of the permit and which are subject to the performance bond.
- Sec. 8 ENVIRONMENTAL IMPACTS** - The permittee shall take all possible steps to minimize any adverse impact to the environment or public health and safety resulting from noncompliance with any term or condition of the permit, including, but not limited to:
- (a) Any accelerated or additional monitoring necessary to determine the nature and extent of noncompliance and the results of the noncompliance;
  - (b) immediate implementation of measures necessary to comply; and

- (c) warning, as soon as possible after learning of such noncompliance, any person whose health and safety is in imminent danger due to the noncompliance.

**Sec. 9 CONDUCT OF OPERATIONS** - The permittee shall conduct its operations:

- (a) in accordance with the terms of the permit to prevent significant, imminent environmental harm to the health and safety of the public; and
- (b) utilizing methods specified as conditions of the permit by the Division in approving alternative methods of compliance with the performance standards of the Act, the approved Utah State Program and the Federal Lands Program.

**Sec. 10 EXISTING STRUCTURES** - As applicable, the permittee will comply with R614-301 and R614-302 for compliance, modification, or abandonment of existing structures.

**Sec. 11 RECLAMATION FEE PAYMENTS** - The operator shall pay all reclamation fees required by 30 CFR Part 870 for coal produced under the permit, for sale, transfer or use.

**Sec. 12 AUTHORIZED AGENT** - The permittee shall provide the names, addresses and telephone numbers of persons responsible for operations under the permit to whom notices and orders are to be delivered.

**Sec. 13 COMPLIANCE WITH OTHER LAWS** - The permittee shall comply with the provisions of the Water Pollution Control Act (33 USC 1151 et seq,) and the Clean Air Act (42 USC 7401 et seq), UCA 26-11-1 et seq, and UCA 26-13-1 et seq.

**Sec. 14 PERMIT RENEWAL** - Upon expiration, this permit may be renewed for areas within the boundaries of the existing permit in accordance with the Act, the approved Utah State Program and the Federal Lands Program.

**Sec. 15 CULTURAL RESOURCES** - If during the course of mining operations, previously unidentified cultural resources are discovered, the permittee shall ensure that the site(s) is not disturbed and shall notify the Division. The Division, after coordination with OSM, shall inform the permittee of necessary actions required. The permittee shall implement the mitigation measures required by Division within the time frame specified by Division.

**Sec. 16 APPEALS** - The permittee shall have the right to appeal as provided for under R614-300-200.

**Sec. 17 SPECIAL CONDITIONS** - There are special conditions associated with this permitting action, as described in Attachment A.

The above conditions (Secs. 1-17) are also imposed upon the permittee's agents and employees. The failure or refusal of any of these persons to comply with these conditions shall be deemed a failure of the permittee to comply with the terms of this permit and the lease. The permittee shall require his agents, contractors and subcontractors involved in activities concerning this permit to include these conditions in the contracts between and among them. These conditions may be revised or amended, in writing, by the mutual consent of the Division and the permittee at any time to adjust to changed conditions or to correct an oversight. The Division may amend these conditions at any time without the consent of the permittee in order to make them consistent with any federal or state statutes and any regulations.

**THE STATE OF UTAH**

By: 

Date: 11-12-91

I certify that I have read, understand and accept the requirements of this permit and any special conditions attached.

  
**Authorized Representative of  
the Permittee**

Date: 11-26-91

**SPECIAL CONDITIONS**

**PERMIT RENEWAL**

**GORDON CREEK #3 AND #6 RECLAIMED MINE**

**Condition #1: R614-301-300 Biology (SW)**

Within 30 days of permit renewal, the operator must submit clarifying information regarding the reclamation success standards for final bond release.

- 1) The Gordon Creek #3 and #6 permit states that reclamation success will be based on cover and production. However, the postmining land uses of livestock grazing, hunting, and deer forage, etc. require that tree and shrub stocking rates must also be a success standards. If tree and shrub stocking rates are used as a success standards, then shrub density measurements must be taken in the reference areas and on the site. Specific commitments must also be included in the permit as to stocking rates.
- 2) Two reference areas, sagebrush-grass and oak shrubland areas are used as the success standards. Map 9-1 is not of sufficient scale to determine which reclaimed areas are to be compared to the grass or the oak reference area. Additionally, the vegetation types on the road from the gate to the facilities area are not shown on the map. Details of the success standards for each reclaimed areas must be included in the permit in writing, or a map with those designations must be provided.
- 3) The success standards for cover, production and shrub density must be met for two consecutive years at a 90 percent statistical confidence interval. Please include this commitment in the permit.

**Condition #2: R614-301-400 Land Use (SW)**

Within 30 days of permit renewal, the operator must submit consent letters from all the landowners of the reclaimed area.

A:\PERMIT.GC3

NON-FEDERAL

PERMIT  
ACT/007/017

September 12, 1991

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
(801) 538-5340

This permit, ACT/007/017, is issued for the State of Utah by the Utah Division of Oil, Gas and Mining (Division) to:

Mountain Coal Company  
P.O. Box 1378  
Price, Utah 84501  
(801) 637-5050

for the Gordon Creek #3 and #6 Mine. A Surety Bond is filed with the Division in the amount of \$138,400, payable to the State of Utah, Division of Oil, Gas and Mining. The Division must receive a copy of this permit signed and dated by the permittee.

- Sec. 1 STATUTES AND REGULATIONS** - This permit is issued pursuant to the Utah Coal Mining and Reclamation Act of 1979, Utah Code Annotated (UCA) 40-10-1 et seq, hereafter referred to as the Act.
- Sec. 2 PERMIT AREA** - The permittee is authorized to conduct underground coal mining activities on the following described lands within the permit area at the Gordon Creek #3 and #6 Mine, situated in the state of Utah, Carbon County, and located:

Township 13 South, Range 8 East, SLBM

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Section 9: S1/2 SW1/4, SW1/4 SE1/4  
Section 16: SE1/4 NW1/4, SW1/4 NE1/4, N1/2 NW1/4, SW1/4, SW1/4 NW1/4, Portions of SW1/4 SE1/4, Portions of NW1/4 SE1/4  
Section 17: NE1/4 NE1/4, SE1/4 NE1/4, NE1/4 SE1/4  
Section 21: Portions of W1/2 NE1/4, Portions of SE1/4 NW1/4

This legal description is for the permit area of the Gordon Creek #3 and #6 Mine. The permittee is authorized to conduct underground coal mining activities and related surface activities on the foregoing described property subject to the conditions of all applicable conditions, laws and regulations.

- Sec. 3 COMPLIANCE** - The permittee will comply with the terms and conditions of the permit, all applicable performance standards and requirements of the State Program.
- Sec. 4 PERMIT TERM** - The permit expired on September 12, 1991 when CO #C91-20-1-1 was issued. The permit will be renewed November 11, 1991 and expire on September 12, 1996.
- Sec. 5 ASSIGNMENT OF PERMIT RIGHTS** - The permit rights may not be transferred, assigned or sold without the prior written approval of the Division Director. Transfer, assignment or sale of permit rights must be done in accordance with applicable regulations, including but not limited to 30 CFR 740.13{e} and R614-303-300.
- Sec. 6 RIGHT OF ENTRY** - The permittee shall allow the authorized representative of the Division, including but not limited to inspectors, and representatives of the Office of Surface Mining Reclamation and Enforcement (OSM), without advance notice or a search warrant, upon presentation of appropriate credentials, and without delay to:
- (a) have the rights of entry provided for in 30 CFR 840.12, R614-400-220, 30 CFR 842.13 and R614-400-110;
  - (b) be accompanied by private persons for the purpose of conducting an inspection in accordance with R614-400-100 and R614-400-200 when the inspection is in response to an alleged violation reported to the Division by the private person.
- Sec. 7 SCOPE OF OPERATIONS** - The permittee shall conduct underground coal mining activities only on those lands specifically designated as within the permit area on the maps submitted in the approved plan and approved for the term of the permit and which are subject to the performance bond.
- Sec. 8 ENVIRONMENTAL IMPACTS** - The permittee shall take all possible steps to minimize any adverse impact to the environment or public health and safety resulting from noncompliance with any term or condition of the permit, including, but not limited to:
- (a) Any accelerated or additional monitoring necessary to determine the nature and extent of noncompliance and the results of the noncompliance;
  - (b) immediate implementation of measures necessary to comply; and

- (c) warning, as soon as possible after learning of such noncompliance, any person whose health and safety is in imminent danger due to the noncompliance.

**Sec. 9 CONDUCT OF OPERATIONS** - The permittee shall conduct its operations:

- (a) in accordance with the terms of the permit to prevent significant, imminent environmental harm to the health and safety of the public; and
- (b) utilizing methods specified as conditions of the permit by the Division in approving alternative methods of compliance with the performance standards of the Act, the approved Utah State Program and the Federal Lands Program.

**Sec. 10 EXISTING STRUCTURES** - As applicable, the permittee will comply with R614-301 and R614-302 for compliance, modification, or abandonment of existing structures.

**Sec. 11 RECLAMATION FEE PAYMENTS** - The operator shall pay all reclamation fees required by 30 CFR Part 870 for coal produced under the permit, for sale, transfer or use.

**Sec. 12 AUTHORIZED AGENT** - The permittee shall provide the names, addresses and telephone numbers of persons responsible for operations under the permit to whom notices and orders are to be delivered.

**Sec. 13 COMPLIANCE WITH OTHER LAWS** - The permittee shall comply with the provisions of the Water Pollution Control Act (33 USC 1151 et seq.) and the Clean Air Act (42 USC 7401 et seq), UCA 26-11-1 et seq, and UCA 26-13-1 et seq.

**Sec. 14 PERMIT RENEWAL** - Upon expiration, this permit may be renewed for areas within the boundaries of the existing permit in accordance with the Act, the approved Utah State Program and the Federal Lands Program.

**Sec. 15 CULTURAL RESOURCES** - If during the course of mining operations, previously unidentified cultural resources are discovered, the permittee shall ensure that the site(s) is not disturbed and shall notify the Division. The Division, after coordination with OSM, shall inform the permittee of necessary actions required. The permittee shall implement the mitigation measures required by Division within the time frame specified by Division.

**Sec. 16 APPEALS** - The permittee shall have the right to appeal as provided for under R614-300-200.

The above conditions (Secs. 1-16) are also imposed upon the permittee's agents and employees. The failure or refusal of any of these persons to comply with these conditions shall be deemed a failure of the permittee to comply with the terms of this permit and the lease. The permittee shall require his agents, contractors and subcontractors involved in activities concerning this permit to include these conditions in the contracts between and among them. These conditions may be revised or amended, in writing, by the mutual consent of the Division and the permittee at any time to adjust to changed conditions or to correct an oversight. The Division may amend these conditions at any time without the consent of the permittee in order to make them consistent with any federal or state statutes and any regulations.

**THE STATE OF UTAH**

By: *Dan P. Nelson*

Date: 9-12-91

I certify that I have read, understand and accept the requirements of this permit and any special conditions attached.

*Richard J. Rich*  
**Authorized Representative of  
the Permittee**

Date: 10/15/91

**Mountain Coal Company**  
Trail Mountain Mine  
Post Office Box 1378  
Price, Utah 84501  
Telephone 801 837-5050 (Price Office)  
801 837-5203 (Mine Office)  
801 748-2140 (Mine Site)



September 5, 1991

Pamela Grubaugh-Littig  
Permit Supervisor  
Utah Division of Oil, Gas and Mining  
355 West North Temple  
#3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Re: Permit Renewal  
Gordon Creek No. 3 & 6 Mine  
INA/007/017  
Carbon County, Utah

Dear Ms. Littig:

Mountain Coal Company is hereby applying for renewal of the Mining and Reclamation Permit No. INA/007/017 for its Gordon Creek No. 3 & 6 Mines. This application is submitted in accordance with the provisions of R614-303-230.

It should be noted that no major permit changes have occurred since the original permit approval and site reclamation in September, 1985.

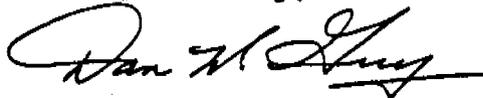
The following application requirements are addressed with this submittal:

- (1) R614-300-232.220 - Required liability insurance is provided as Appendix 2-3 of the latest Chapter 2 submitted on 5/10/91;
- (2) R614-303-232.230 - Required performance bond is included as Appendix 2-4 of the above referenced Chapter 2;
- (3) R614-303-232.240 - A proposed newspaper notice is included with the submittal. This notice is entitled Appendix 2-7, and should be added to Chapter 2 of the M.R.P.. This notice is filed in accordance with the provisions of R614-300-121.100. The notice will be published weekly for 4 consecutive weeks, and a copy of the notice and proof of publication will be provided to the Division as required;
- (4) R614-303-232.250 - Any additional information required by the Division will be provided at your request.

Permit Renewal  
Gordon Creek No. 3 & 6 Mine  
INA/007/017  
September 5, 1991  
Page 2

It is our hope this application will meet with your approval.  
If you have any questions, or need any further information, please  
let me know.

Respectfully,



Dan W. Guy  
Mgr. Permitting/Compliance

cc: R.D. Pick  
J.L. Coffey  
D.M. Arnolds  
A.J. Gaudielle  
File

**SPECIAL CONDITIONS**



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangertter  
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

December 4, 1991

Mr. Dan Guy, Manager  
Mountain Coal Company  
P.O. Box 1378  
Price, Utah 84501

Dear Mr. Guy:

Re: Approval of Postmining Topography Map, Mountain Coal Company, Gordon Creek #3 and #6 Mine, ACT/007/017, Folder #3, Carbon County, Utah

The revised postmining topography map, Map 3-1A, has been reviewed and approved. This map is being approved in conjunction with the five-year permit renewal.

Sincerely,

A handwritten signature in cursive script, reading 'Pamela Grubaugh-Littig'.

Pamela Grubaugh-Littig  
Permit Supervisor

PGL/jbe

**Mountain Coal Company**  
Trail Mountain Mine  
Post Office Box 1378  
Price, Utah 84501  
Telephone 801 637-5050 (Price Office)  
801 637-5203 (Mine Office)  
801 748-2140 (Mine Site)



December 11, 1991

Pamela Grubaugh-Littig  
Permit Supervision  
Utah Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Re: Special Conditions  
Gordon Creek No. 3 and 6 Mines  
Permit Renewal  
INA/007/017; #2  
Carbon County, Utah

Dear Ms. Littig:

Enclosed are 3 copies of the Mountain Coal Company response to the Special Conditions #1 and #2 for the Gordon Creek No. 3 and 6 Mine Permit Renewal.

Special Condition No. 1 (R614-301-300) is addressed in a new Appendix 9, "Revegetation Success Standards". This appendix should be added to the M.R.P.

Special Condition No. 2 was previously submitted (incomplete) as a new Appendix 8, "Landowner Consent". As of this writing, only the consent letter from the State of Utah has been received and is included. This letter should replace the unsigned letter previously submitted in Appendix 8. I have been repeatedly in contact with U.P. & L. concerning their consent letter, and they have even sent a representative to the mine site to confirm the relationship of their right-of-way to our reclamation. I have been told verbally that they see no problem; however, I am still waiting on their letter. I have no control over when this letter may be sent; therefore, if a formal extension of time is necessary to completely meet the Special Condition, I would ask that this letter also serve as a request for at least a 30-day extension.

December 11, 1991  
Page Two

Thank you for your cooperation. If you need additional copies of this information, or if you have any questions, please let me know.

Respectfully,



Dan W. Guy  
Manager Permitting/Compliance

cc: Dave Arnolds  
Johnny Coffey  
Rick Parkins  
File

# AMENDMENTS

**AFFIDAVIT OF PUBLICATION**

(STATE OF UTAH)  
ss.  
County of Carbon,)

I, Dan Stockburger, on oath, say that I am the Publisher of the Sun Advocate, a twice-weekly newspaper of general circulation, published at Price, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue of such newspaper for Four (4) consecutive issues, and that the first publication was on the

17th day of September, 1991

and that the last publication of such notice was in the issue of such newspaper dated the

8th day of October, 1991

*Dan Stockburger*  
.....

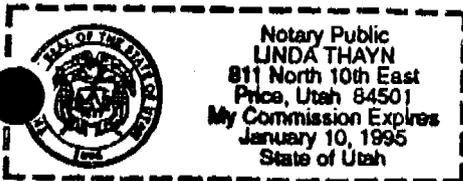
Subscribed and sworn to before me this  
8th day of October, 1991

*Linda Thayne*  
.....  
Notary Public

My Commission expires January 10, 1995

Residing at Price, Utah

Publication fee, \$ 88.80



**PUBLIC NOTICE FOR PERMIT RENEWAL  
GORDON CREEK NO 3 & 6 MINES  
MOUNTAIN COAL COMPANY  
P.O. BOX 1378  
PRICE, UTAH 84501**

**MOUNTAIN COAL COMPANY, P.O. Box 1378-1305**  
South Carbon County, Utah, a wholly owned subsidiary of Atlantic Richfield Company, has filed with the Utah Division of Oil, Gas and Mining, an application for renewal of its Mining and Reclamation Plan Permit for its Gordon Creek No. 3 and 6 Mines. The Gordon Creek No. 3 and 6 Mines are located in Coal Canyon, approximately 25 miles northwest of Price, Utah. The permit area is described as follows.

T. 13 S., R. 8 E., SLBM, Section 8: SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 9: S $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 16: W $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 17: E $\frac{1}{4}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$

The permit area is located on the Jump Creek, Utah, U.S. Geological Survey 7.5 minute quadrangle map.

The permit area contained State Lease ML-27342 and a Carbon County Coal Lease.

The Gordon Creek No. 3 and 6 Mines were permanently reclaimed in 1986 under permit INA/007/017.

The application was filed, and this notice is being published to comply with the Surface Mining Control and Reclamation Act of 1977 and State and Federal regulations promulgated pursuant to said act.

The application is available for public inspection at the Carbon County Courthouse, Price, Utah 84501.

Written comments, objections, or requests for informal conferences on the application may be submitted to: State of Utah Department of Natural Resources, Division of Oil, Gas and Mining, 355 West North Temple, #3 Triad Center Suite 850, Salt Lake City, Utah 84180-1203.

Published in the Sun Advocate September 17, 24, October 1 and 8, 1991.

**BEAVER CREEK Coal Company**

Post Office Box 1378  
Price, Utah 84501  
Telephone 801 637-5050



May 10, 1991

Mr. Lowell Braxton, Administrator  
Utah Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Re: Transfer of Permit  
from Beaver Creek Coal Company  
to Mountain Coal Company  
and Lease Permit Application  
Gordon Creek No. 3 and 6 Mines  
INA/007/017  
Carbon County, Utah

Dear Mr. Braxton:

West Elk Coal Company, Inc. (Colorado) has been merged into Beaver Creek Coal Company (Utah). The name of Beaver Creek Coal Company has been changed to Mountain Coal Company. In addition, the name of the Trail Mountain No. 9 Mine has been changed to simply the Trail Mountain Mine.

By this letter, Mountain Coal Company requests approval of the assignment of the above referenced permits from Beaver Creek Coal Company to Mountain Coal Company, including the renaming of the mine from Trail Mountain No. 9 Mine to Trail Mountain Mine.

Pursuant to R614-303.300, Mountain Coal Company submits the following information and materials in support of its request for approval of the assignment:

- (1) Name and address of the existing permittee:

Beaver Creek Coal Company  
P.O. Box 1378  
Price, Utah 84501

(2) Name and address of the assignee and assignee's resident agent:

(a) Assignee:

Mountain Coal Company  
P.O. Box 1378  
Price, Utah 84501

(b) Resident Agent:

The Corporation Trust Company  
1209 Orange Street  
Wilmington, Delaware 19801

(3) Permit Name and Number:

Trail Mountain No. 9 Mine  
(changed to: Trail Mountain Mine)

Trail Mountain No. 9 Mine Lease Permit Application  
(changed to: Trail Mountain Mine Lease Permit Application)

ACT/015/009

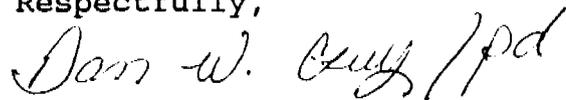
(4) Legal, Financial, Compliance and Related information required by R614-301-100:

See attached revised Permit Chapter II-Legal, Financial, Compliance and Related Information.

In making this request, Mountain Coal Company agrees to continue operations in compliance with the terms and conditions of the existing permit. Concurrently, with the filing of this request, Mountain Coal Company has submitted for advertisement a notice of the filing of this request. The advertisement will be in the form included in the revised Chapter II.

I appreciate your consideration in this matter. If you have any questions, or need any further information, please let me know.

Respectfully,



Dan W. Guy  
Mgr. Permitting/Compliance

cc: Dave Arnolds  
Scott Jones  
Dana Echter  
File



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangertter  
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

January 7, 1991

Mr. Dan Guy, Manager  
Beaver Creek Coal Company  
P.O. Box 1378  
Price, Utah 84501

Dear Mr. Guy:

Re: Highwall Designations, Beaver Creek Coal Company, Gordon Creek #3 & #6,  
ACT/007/017, Folder #2, Carbon County, Utah

Updated Plate 3-1A has been reviewed and is hereby approved.

Sincerely,

A handwritten signature in cursive script, reading 'Pamela Grubaugh-Littig'.

Pamela Grubaugh-Littig  
Permit Supervisor

jbe  
cc: S. White  
AT007017.2

**BEAVER CREEK Coal Company**

Post Office Box 1378  
Price, Utah 84501  
Telephone 801 637-5050



December 17, 1990

Pamela Grubaugh-Littig  
Permit Supervisor  
Utah Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
S.L.C., Ut. 84180-1203

Re: Highwall Designation  
Gordon Creek No. 3/6 Mines  
INA/007/017, Folder #2  
Carbon County, Utah

Dear Ms. Littig:

Enclosed are 3 copies of the map showing the additional highwall designation as requested in your letter of 11/21/90. The plates are numbered and should replace the corresponding plate number in the Gordon Creek No. 3/6 Mine Plan.

If you have any questions, or need any further information, please let me know.

Respectfully,

Dan W. Guy  
Mgr. Permitting/Compliance

cc: Johnny Coffey  
File



# 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

November 21, 1990

Mr. Dan Guy, Manager  
Permitting & Compliance  
Beaver Creek Coal Company  
P.O. Box 1378  
Price, Utah 84501

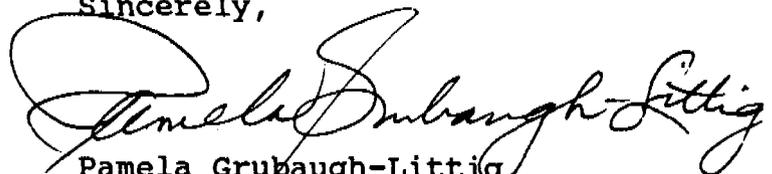
Dear Mr. Guy:

Re: Review of Highwall Designation, Beaver Creek Coal Company,  
Gordon Creek #3 & #6 Mine, ACT/007/017, Folder #2, Carbon  
County, Utah

Attached is a Technical Memorandum that reviews the above-referenced deficiency in the Gordon Creek #3 & #6 Mine reclamation plan.

Please provide three copies suitable for insertion into the approved Permit Application Package (PAP) by no later than December 20, 1990.

Sincerely,



Pamela Grubaugh-Littig  
Permit Supervisor

jbe  
Attachment  
AT007017.1



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangertter  
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

November 14, 1990

TO: Pamela Grubaugh-Littig, Permit Supervisor  
FROM: Susan M. White, Reclamation Soils Biologist *SMW*  
RE: Highwall Designation, Hidden Valley, ACT/015/017, and  
Gordon Creek #3 & #6, ACT/007/017, Folder #2

## Synopsis and Analysis

During inspections at the above referenced mines, deficiencies were noted on the final reclamation maps. No highwalls were designated on the Hidden Valley maps, two exist above the coal seams. Highwalls were designated on the Gordon Creek #3 & #6 map, except one on the west side of the road.

## Recommendation

The permittee must correct and replace the inaccurate maps.

jbe  
cc: Jesse Kelley  
AT015017.5



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangert  
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

July 19, 1990

Mr. Dan Guy, Manager  
Permitting and Compliance  
Beaver Creek Coal Company  
P. O. Box 1378  
Price, Utah 84501

Dear Mr. Guy:

Re: Additional Fencing, Beaver Creek Coal Company, Gordon Creek #3 and #6  
Mines, ACT/007/017-90A, Folder #3, Carbon County, Utah

This letter will inform you that the above-identified amendment was approved on  
July 18, 1990.

Sincerely,

Pamela Grubaugh-Littig  
Permit Supervisor

djh  
AT

**BEAVER CREEK Coal Company**

Post Office Box 1378  
Price, Utah 84501  
Telephone 801 637-5050



7/4/90

Pamela Grubaugh-Littig  
Permit Supervisor  
Utah Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
S.L.C., Utah 84180-1203

Re: Additional Fencing  
Gordon Creek No. 3/6 Mines  
INA/007/017  
Carbon County, Utah

Dear Ms. Littig:

Enclosed are 3 copies of revised Plate 3-1A for the Gordon Creek No. 3/6 Mine Permit, showing proposed additional fencing to be installed.

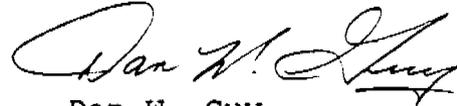
The additional fencing has been requested by the property owner, Mr. Calvin Jacob, to provide stock access through the site without getting on the reclaimed area. Beaver Creek has agreed to install the fence upon your approval.

The fence will be installed in the same manner as the existing fence. Stock gates will be provided at each end of the site, and a metal, swinging gate will be installed at the U.P.&L. road access, as shown. The new fence will create a corridor on the road, completely through the reclaimed site, and will be located to protect existing trees and other established vegetation as much as possible.

The installation of this fence should provide a mutual benefit to the landowner as well as Beaver Creek Coal Co. by providing easy access through the property for his stock, while protecting the revegetated area from grazing during the liability period.

We are prepared to implement this fencing immediately upon your approval. If you have any questions, or need any further information, please let me know.

Respectfully,

A handwritten signature in cursive script, appearing to read "Dan W. Guy".

Dan W. Guy  
Mgr. Permitting/Compliance

cc: Calvin Jacob  
Johnny Coffey  
File

## OTHER PERMITS



State of Utah  
DEPARTMENT OF HEALTH  
DIVISION OF ENVIRONMENTAL HEALTH

Norman H. Baugarter  
Governor  
Suzanne Dandoy, M.D., M.P.H.  
Executive Director  
Kenneth L. Alkema  
Director

288 North 1460 West  
P.O. Box 16690  
Salt Lake City, Utah 84116-0690  
(801) 538-6121

June 10, 1991

**CERTIFIED MAIL**  
(Return Receipt Requested)

Mr. Dan W. Guy, Manager  
Beaver Creek Coal  
P.O. Box 1378  
Price, Utah 84501

Re: General Permit No. UTG040000--Coal  
Mining

Dear Mr. Guy:

We hereby acknowledge receipt of the Notice of Intent (NOI) for coverage under the Utah General Permit for Coal Mining. The NOIs for Beaver Creek Coal's Gordon 3 & 6 Wells and Huntington Canyon Well are considered adequate and have been assigned the numbers UTG040014 for Gordon 3 & 6 and UTG040015 for Huntington Canyon. Please refer to these numbers in future correspondence.

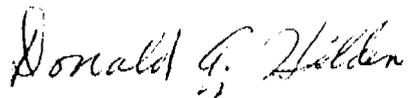
Your copy of the signed permits are enclosed. Coverage shall begin on June 1, 1991 and all the requirements and conditions of the permits will be in effect at that time. Preprinted Discharge Monitoring Report Forms (EPA Form 3320-1), for self-monitoring and reporting requirements as specified in the permits, will be sent to you within 30 days.

A fee schedule was included in the Utah Department of Health budget appropriation request at the direction of the Legislature and in accordance with Utah Code Annotated 26-1-6. The fee schedule, as approved by the Legislature, includes a charge for the issuance of a UPDES permit. Please remit \$690.00 for each permit (a total of \$1,380.00) within 30 days of receipt of this letter to:

Utah Department of Health  
Bureau of Water Pollution Control  
Attn: Rawn Wallgren  
P.O. Box 16690  
Salt Lake City, UT 84116-0690

If you have any questions, please contact Steve McNeal or Harry Campbell at (801) 538-6146.

Sincerely,



Donald A. Hilden, Ph.D., Chief  
Permits and Compliance Section  
Bureau of Water Pollution Control

KC/kc

Enclosure

cc: Division of Oil, Gas & Mining  
Southeastern Utah District Health Dept.  
Dave Ariotti, District Engineer

**BOND**

# ORIGINAL

## R I D E R

RIDER to be attached to and form a part of Bond Number U-629895

on behalf of BEAVER CREEK COAL COMPANY  
(Name)

555 SEVENTEENTH STREET, DENVER, COLORADO 80202  
(Address)

as Principal, and in favor of STATE OF UTAH, DIVISION OF OIL, GAS AND MINING

as Oblige, executed by UNITED PACIFIC INSURANCE COMPANY as Surety ,

in the amount of ONE HUNDRED THIRTY-EIGHT THOUSAND FOUR HUNDRED AND NO/100-----

Dollars (\$ 138,400.00 ) effective JUNE 22 , 19 87 .

It is hereby understood and agreed that effective as of SEPTEMBER 5, 1991 ,  
the said bond has been amended as follows:

- 1) The Principal's Name has been changed from: BEAVER CREEK COAL COMPANY  
to: MOUNTAIN COAL COMPANY

Nothing herein contained shall vary, alter or extend any provisions or conditions  
of the bond other than as above stated.

**SIGNED**, SEALED AND DATED this 5TH day of SEPTEMBER , 19 91 .

**1001**

MOUNTAIN COAL COMPANY  
Principal

UNITED PACIFIC INSURANCE COMPANY  
Surety

BY: Thomas H. Parker  
Vice President

BY: Dorothy M. Iwanoff  
DOROTHY M. IWANOFF  
ATTORNEY-IN-FACT

# Reliance Insurance Companies

RELIANCE INSURANCE COMPANY  
PHILADELPHIA, PENNSYLVANIA

UNITED PACIFIC INSURANCE COMPANY  
FEDERAL WAY, WASHINGTON

PLANET INSURANCE COMPANY  
FEDERAL WAY, WASHINGTON

**RECEIVED**

**AUG 13 1987**

**RIDER**

To be attached to and form a part of

**DIVISION OF OIL  
GAS & MINING**

Type of Bond: Mined Land Reclamation Act Bond

Bond No. U62 98 95

executed by Beaver Creek Coal Company, as Principal,

and by United Pacific INSURANCE COMPANY, as Surety,

in favor of State of Utah Dept. of Natural Resources, Division of Oil, Gas & Mining

and dated April 22, 1983.

In consideration of the premium charged for the attached bond, it is hereby agreed to change:

the bond amount

From: Three hundred forty-six thousand and no/100-----dollars

(\$346,000.00)

To: One hundred thirty-eight thousand four hundred and no/100--dollars

(\$138,400.00)

The attached bond shall be subject to all its agreements, limitations and conditions except as herein expressly modified.

This rider is effective June 22, 1987

Signed and Sealed July 13, 1987



Principal Beaver Creek Coal Company

By: Charles B. Smith Title  
Vice President  
United Pacific INSURANCE COMPANY

By: Patricia L. Barga Attorney-in-Fact  
Patricia L. Barga

RIDER ACCEPTED (Please sign duplicate of this Rider and return to Surety)

By: \_\_\_\_\_  
Date \_\_\_\_\_

*Acceptance copy signed:  
James P. Bruff  
8/16*

ARCO Coal Company  
555 Seventeenth Street  
Denver, Colorado 80202  
Telephone 303 293 4000

Property Administration



RECEIVED

AUG 13 1987

DIVISION OF OIL  
GAS & MINING

August 10, 1987

Lowell P. Braxton  
Administrator, Mineral Resource Development  
and Reclamation Program  
State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Re: Bond No. U62 98 95  
Phase I Bond Release, Beaver Creek Coal Company,  
Gordon Creek No. 3 and No. 6 Mines, Folder #5,  
INA/007/019,  
Carbon County, Utah

Dear Mr. Braxton:

As authorized by your letter dated June 22, 1987, enclosed is a rider for the above-captioned bond reducing the bond amount to \$138,400. Please sign the rider indicating your acceptance and return the acceptance copy to:

Vivienne Douglas  
Johnson & Higgins of Colorado, Inc.  
1850 Colorado National Bank Bldg.  
950 17th Street  
Denver, Colorado 80202

Thank you for your assistance on this bond.

Sincerely,

Mickey L. Love  
Senior Lease Administrator

MLL:mjb  
enclosure



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

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

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

June 22, 1987

Mr. Dan Guy, Manager  
Permitting & Compliance  
Beaver Creek Coal Company  
P. O. Box 1378  
Price, Utah 84501

*Da*  
Dear Mr. Guy:

Re: Phase I Bond Release, Beaver Creek Coal Company,  
Gordon Creek No. 3 and No. 6 Mines, Folder #5,  
INA/007/019, Carbon County, Utah

The Division hereby approves the Phase I bond release of \$207,600 (60 percent of the bond) for the Gordon Creek No. 3 and No. 6 Mines. This bond release is effective as of June 26, 1987.

Thank you for your cooperation.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Lowell P. Braxton'.

Lowell P. Braxton  
Administrator  
Mineral Resource Development  
and Reclamation Program

PGL/djh  
cc: J. Whitehead  
P. Grubaugh-Littig  
8808R/8

ARCO Coal Company  
555 Seventeenth Street  
Denver, Colorado 80202  
Telephone 303 293 4000

Property Administration

June 24, 1987

J. Whitehead  
  
**RECEIVED**

JUN 29 1987

DIVISION OF  
OIL, GAS & MINING

*Bond  
File*

*# A02 / 10/1/87*

State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

Re: Old Bond No. 8094-24-79  
New Bond No. U629895

Gentlemen:

ARCO has chosen United Pacific Insurance Company to act as its bonding company. As a result, we are replacing bonds previously issued by Federal Insurance Company.

Therefore, please find enclosed a new bond for \$346,000 for Gordon Creek No. 3 and 6 Mines. Please return our bond 8094-24-79 for cancellation. 

Thank you for your assistance.

Sincerely,



Mickey L. Love  
Supervisor  
Property Administration

MLL/c

Enclosure

**RECEIVED**  
JUN 29 1987

(Revised August 1985)  
(Non-Federal)

MR FORM 5

DIVISION OF  
OIL, GAS & MINING

Bond Number U-629895  
Permit Number \_\_\_\_\_  
PREMIUM: \$1,730.00

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
(801) 538-5340

THE MINED LANDS RECLAMATION ACT

BOND  
\*\*\*\*\*

The undersigned BEAVER CREEK COAL COMPANY  
as principal, and UNITED PACIFIC INSURANCE COMPANY as  
surety, hereby jointly and severally bind ourselves, our heirs, administrators,  
executors, successors and assigns unto the State of Utah, Division of Oil, Gas  
and Mining in the penal sum of THREE HUNDRED FORTY SIX THOUSAND AND NO/100  
-----dollars (\$ 346,000.00-----).

The principal estimated in the Mining and Reclamation Plan filed with the  
Division of Oil, Gas and Mining on the 22ND day of APRIL  
19 83, that 7.98 acres of land will be disturbed  
by this mining operation in the State of Utah. A description of the disturbed  
land is attached hereto as Exhibit "A."

When the Division has determined that the principal has satisfactorily  
reclaimed the above-mentioned lands affected by mining in accordance with the  
approved Mining and Reclamation Plan and has faithfully performed all  
requirements of the Mined Land Reclamation Act, and complied with the Rules  
and Regulations adopted in accordance therewith, then this obligation shall be  
void; otherwise it shall remain in full force and effect until the reclamation  
is completed as outlined in the approved Mining and Reclamation Plan.

If the approved plan provides for reclamation of the land affected on a  
piecemeal or cyclic basis, and the land is reclaimed in accordance with such  
plan, then this bond may be reduced periodically.

In the converse, if the plan provides for a gradual increase in the area  
of the land affected or increased reclamation work, then this bond may  
accordingly be increased with the written approval of the surety company.

The Division shall only accept the bond of a surety company if the bond is  
noncancellable by the surety at any time for any reason including, but not  
limited to nonpayment of premium or bankruptcy of the permittee during the  
period of liability.

NOTE: Where one signs by virtue of Power of Attorney for a surety company, such Power of Attorney must be filed with this bond. If the principal is a corporation, the bond shall be executed by a duly authorized officer.

THIS BOND IS TO BE EFFECTIVE: APRIL 22, 1987.

BEAVER CREEK COAL COMPANY

Principal (Company)

By Charles B Smith  
Company Officer - Position  
*Vice President*

LEGAL  
*Da*

Date: June 8, 1987

UNITED PACIFIC INSURANCE COMPANY

Surety (Company)

By *WCD*  
Surety Company Officer - Position  
W. C. DOYLE, ATTORNEY-IN-FACT

DATE: MAY 13, 1987

APPROVED AS TO FORM:

By Assistant Attorney General

AFFIDAVIT OF QUALIFICATION

W. C. DOYLE, being first duly sworn, on oath deposes and says that he/she is the (officer or agent) ATTORNEY-IN-FACT of said Surety Company, and that he/she is duly authorized to execute and deliver the foregoing obligations; that said Surety Company is authorized to execute the same and has complied in all respects with the laws of Utah in reference to becoming sole surety upon bonds, undertakings and obligations.

(Signed) By *W.C. Doyle*  
Surety Company Officer - Position  
W. C. DOYLE, ATTORNEY-IN-FACT

Subscribed and sworn to before me this 13TH day of MAY, 1987.



*Cora V. Rodriguez*  
Notary Public

My Commission Expires:  
March 24, 1989.

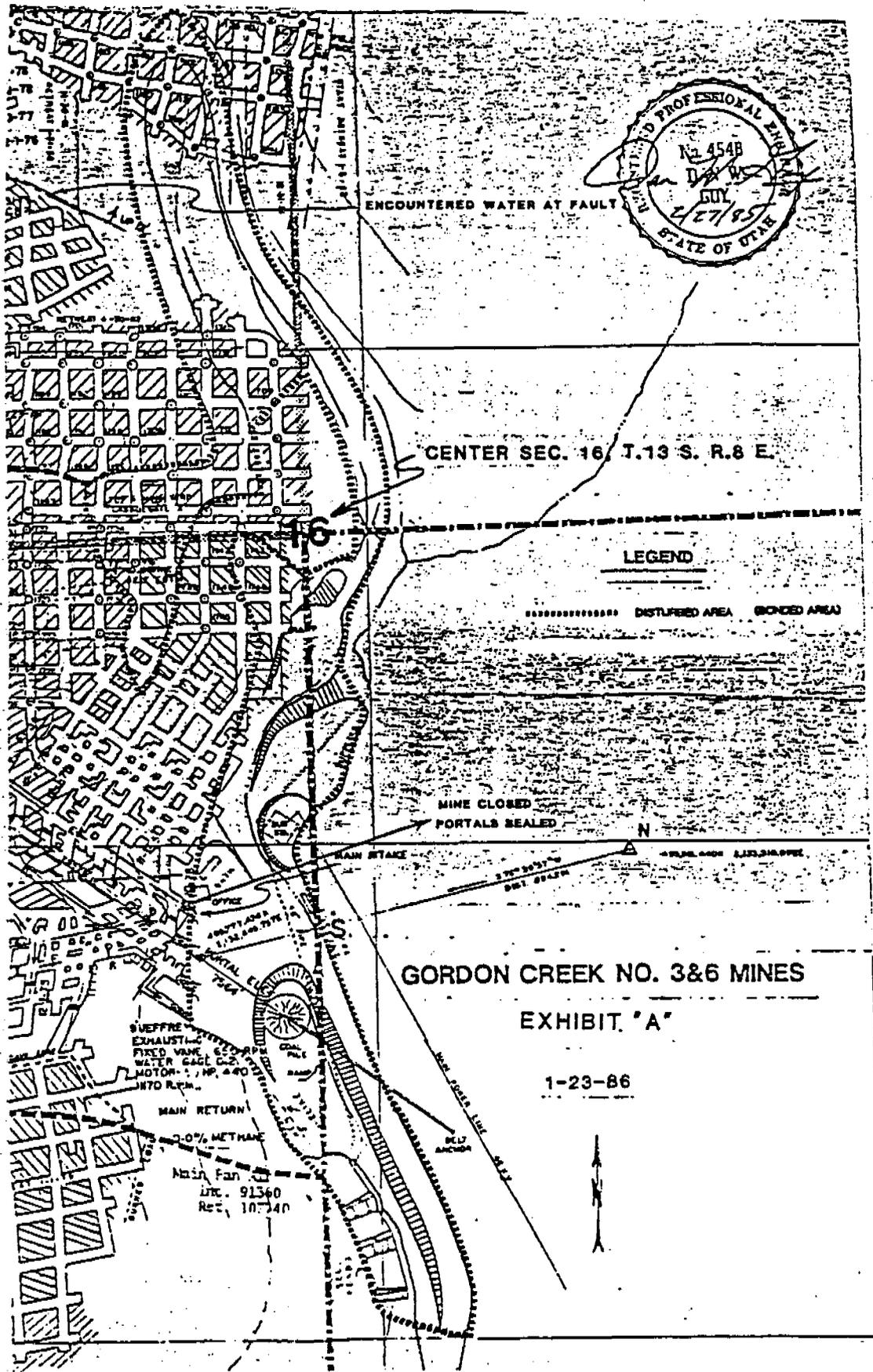
GORDON CREEK NO. 3/6 MINES  
EXHIBIT "A"

Disturbed Area - 7.98 acres

Bonded Area - 28.0 Acres (Includes affected areas to be revegetated)

Located in the following described lands:

T. 13 S, R. 8 E., SLBM, Utah  
Sec. 16: SE $\frac{1}{4}$  NW $\frac{1}{4}$  (10.36 acres)  
Sec. 16: SW $\frac{1}{4}$  NE $\frac{1}{4}$  (1.40 acres)  
Sec. 16: NE $\frac{1}{4}$  SW $\frac{1}{4}$  (11.20 acres)  
Sec. 16: NW $\frac{1}{4}$  SE $\frac{1}{4}$  (2.80 acres)  
Sec. 16: SW $\frac{1}{4}$  SE $\frac{1}{4}$  (2.24 acres)



# UNITED PACIFIC INSURANCE COMPANY

HOME OFFICE, FEDERAL WAY, WASHINGTON

## POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, That the UNITED PACIFIC INSURANCE COMPANY, a corporation duly organized under the laws of the State of Washington, does hereby make, constitute and appoint

W. C. DOYLE of LOS ANGELES, CALIFORNIA-----

its true and lawful Attorney-in-Fact, to make, execute, seal and deliver for and on its behalf, and as its act and deed

ANY AND ALL BONDS AND UNDERTAKINGS OF SURETYSHIP----

and to bind the UNITED PACIFIC INSURANCE COMPANY thereby as fully and to the same extent as if such bonds and undertakings and other writings obligatory in the nature thereof were signed by an Executive Officer of the UNITED PACIFIC INSURANCE COMPANY and sealed and attested by one other of such officers, and hereby ratifies and confirms all that its said Attorney(s)-in-Fact may do in pursuance hereof.

This Power of Attorney is granted under and by authority of Article VII of the By-Laws of UNITED PACIFIC INSURANCE COMPANY which became effective September 7, 1978, which provisions are now in full force and effect, reading as follows:

### ARTICLE VII - EXECUTION OF BONDS AND UNDERTAKINGS

1. The Board of Directors, the President, the Chairman of the Board, any Senior Vice President, any Vice President or Assistant Vice President or other officer designated by the Board of Directors shall have power and authority to (a) appoint Attorneys-in-Fact and to authorize them to execute on behalf of the Company, bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof, and (b) to remove any such Attorney-in-Fact at any time and revoke the power and authority given to him.

2. Attorneys-in-Fact shall have power and authority, subject to the terms and limitations of the power of attorney issued to them, to execute and deliver on behalf of the Company, bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof. The corporate seal is not necessary for the validity of any bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof.

3. Attorneys-in-Fact shall have power and authority to execute affidavits required to be attached to bonds, recognizances, contracts of indemnity or other conditional or obligatory undertakings and they shall also have power and authority to certify the financial statement of the Company and to copies of the By-Laws of the Company or any article or section thereof.

This power of attorney is signed and sealed by facsimile under and by authority of the following Resolution adopted by the Board of Directors of UNITED PACIFIC INSURANCE COMPANY at a meeting held on the 5th day of June, 1979, at which a quorum was present, and said Resolution has not been amended or repealed:

"Resolved, that the signatures of such directors and officers and the seal of the Company may be affixed to any such power of attorney or any certificate relating thereto by facsimile, and any such power of attorney or certificate bearing such facsimile signatures or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by facsimile signatures and facsimile seal shall be valid and binding upon the Company in the future with respect to any bond or undertaking to which it is attached."

IN WITNESS WHEREOF, the UNITED PACIFIC INSURANCE COMPANY has caused these presents to be signed by its Vice President, and its corporate seal to be hereto affixed, this 1st day of March 19 82.



UNITED PACIFIC INSURANCE COMPANY

*Charles B. Schmalz*

Vice President

STATE OF Washington }  
COUNTY OF King } ss.

On this 1st day of March, 19 82, personally appeared Charles B. Schmalz

to me known to be the Vice-President of the UNITED PACIFIC INSURANCE COMPANY, and acknowledged that he executed and attested the foregoing instrument and affixed the seal of said corporation thereto, and that Article VII, Section 1, 2, and 3 of the By-Laws of said Company, and the Resolution, set forth therein, are still in full force.

My Commission Expires:

June 12, 1982



*Nancy Starnes*

Notary Public in and for State of Washington

Residing at Tacoma

Charles J. Falskow

Assistant Secretary of the UNITED PACIFIC INSURANCE COMPANY, do hereby certify that the foregoing is a true and correct copy of a Power of Attorney executed by said UNITED PACIFIC INSURANCE COMPANY, which is still in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of said Company this 13TH day of MAY 19 87



Assistant Secretary *Charles J. Falskow*

# LIABILITY INSURANCE

**CERTIFICATE OF INSURANCE**  
 (This Certificate of Insurance neither affirmatively nor negatively amends, extends or alters the coverage, limits, terms or conditions of the policies it certifies.)



This is to Certify to

State of Utah  
 Dept. of Natural Resources  
 Division of Oil, Gas and Mining  
 355 West North Temple  
 3 Triad Center, Suite 350  
 Salt Lake City, Utah 84180-1203

- COMPANY CODES
- CIGNA INSURANCE COMPANY
  - CIGNA INS. CO. OF TEXAS
  - PACIFIC EMPLOYERS INS. CO.
  - INSURANCE COMPANY OF NORTH AMERICA
  - CIGNA INS. CO. OF ILLINOIS
  - CIGNA INS. CO. OF OHIO
  - (OTHER: — SPECIFY)

that the following described policy or policies, issued by The Company as coded below, providing insurance only for hazards checked by "X" below, have been issued to:

**NAME AND ADDRESS OF INSURED** Atlantic Richfield Company, its Subsidiaries and subsidiaries thereof as now or hereinafter constituted, Atlantic Richfield Plaza, 515 South Flower Street, Los Angeles, California 90071 covering in accordance with the terms thereof, at the following location(s):

Including Mountain Coal Company and ARCO Coal Company

TYPE OF POLICY	HAZARDS	CO. CODE	POLICY NUMBER	POLICY PERIOD	LIMITS OF LIABILITY		
(a) Standard Workmen's Compensation & Employers' Liability	<input type="checkbox"/>	<input type="checkbox"/>			\$ Statutory W. C. One Accident and Aggregate Disease		
(b) General Liability Premises—Operations (including "Incidental Contracts" as defined below) Bodily Injury: Independent Contractors Completed Operations/Products Contractual, (Specific type as described in footnote below)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	ISL GI 077856-6	01-01-90 to 01-01-93	\$ *See Below	Each Person	
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				Each { <input type="checkbox"/> Accident <input type="checkbox"/> Occurrence	
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				Aggregate—Completed Operations/Products	
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				Aggregate—Contractual	
Premises—Operations (Including "Incidental Contracts" as defined below) Property Dam: Independent Contractors Completed Operations/Products Contractual, (Specific type as described in footnote below)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	ISL GI 077856-6	01-01-90 to 01-01-93	\$ *See Below	Each { <input type="checkbox"/> Accident <input type="checkbox"/> Occurrence	
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				Aggregate—Prem./Oper.	
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				Aggregate—Protective Operations/Products	
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				Aggregate—Contractual	
(c) Automobile Liability Bodily Injury: Owned Automobiles Hired Automobiles Non-owned Automobiles	<input type="checkbox"/>	<input type="checkbox"/>			\$ Each Person	Each { <input type="checkbox"/> Accident <input type="checkbox"/> Occurrence	
	<input type="checkbox"/>	<input type="checkbox"/>				\$	Each { <input type="checkbox"/> Accident <input type="checkbox"/> Occurrence
	<input type="checkbox"/>	<input type="checkbox"/>					\$
Property Damage: Owned Automobiles Hired Automobiles / Non-owned Automobiles	<input type="checkbox"/>	<input type="checkbox"/>			\$	Each { <input type="checkbox"/> Accident <input type="checkbox"/> Occurrence	
	<input type="checkbox"/>	<input type="checkbox"/>				\$	Each { <input type="checkbox"/> Accident <input type="checkbox"/> Occurrence
	<input type="checkbox"/>	<input type="checkbox"/>					\$
(d)					**INCLUDES "XCU" COVERAGE		

Contractual Footnote: Subject to all the policy terms applicable, specific contractual coverage is provided as respects

- (Check)  a contract  
 (Applicable)  purchase order agreements  
 (Block)  all contracts
- between the Insured and:

NAME OF OTHER PARTY

DESCRIPTION (OR JOB) **Gordon Creek #3 & #6**  
**ACT/007/017**

Aggregate Where Applicable  
 For the intention of the company that in the event of cancellation of the policy or policies by the company, ten (10) days Party of such cancellation will be given to you at the address stated above.

DATE (if applicable)

CONTRACT NO. (if any)

Definitions: "Incidental contract" means any written (1) lease of premises (2) easement agreement, except in connection with construction or demolition operations on or adjacent to a railroad, (3) undertaking to indemnify a municipality required by a municipal ordinance, except in connection with work for the municipality, (4) sidetrack agreement, or (5) elevator maintenance agreement.

*[Signature]*  
 Authorized Representative

# WATER MONITORING

Mining and Reclamation Plan  
 Gordon Creek Nos. 3 and 6 Mine Permit Application

FIGURE 7-5  
 SURFACE WATERING PROGRAM  
 GORDON CREEK NOS. 3 & 6 MINES

STATION	LOCATION	TYPE	FREQUENCY	FLOW DEVICE	RESULTS TO:	REMARKS
*3-1-W	Coal Canyon above #3 mine sed. ponds	Ephemeral Stream	Quarterly	Wier	DOGM, OSM	Below No.3/6 Mine Reclaimed Area
3-2-W	Coal Canyon below sed. pond	Discharge	2/mon. (per NPDES Permit)	Wier	DOGM, OSM,	Also monitored for EPA as per NPDES permit
<del>3-3-W</del> N/A	Underground	Ground Water	Quarterly	Wier or flowmeter	DOGM, OSM	No longer accessible
3-4-W	Coal Canyon above #3 mine site (main fork)	Ephemeral Stream	Quarterly	Wier	DOGM, OSM	Water undis- turbed drainage

\*Stipulation 817.52 (2)

WATER MONITORING REPORT

Property: BCCC #3 Mine  
 Station: 3-1W  
 Location: Coal Canyon Above Pond  
 Type: E. Stream  
 Frequency: Quarterly

Field Measurements      Date Sampled  
 02/25/91    05/29/91    08/09/91    11/22/91    Mean

Flow [gpm]                      DRY                      DRY                      DRY                      DRY                      DRY

PH

Sp. Cond. [ohms]

Temp. [C]

Diss. O [ppm]

Lab. Meas. [mg/l]

TDS

TSS

O & G

Al CaCO3

Hd CaCO3

Ac CaCO3

HCO3

CO3

Cl

SO4

Ca

Mg

K

Na

Cat/An

Fe

Mn

WATER MONITORING REPORT

Property: BCCC #3 Mine  
 Station: 3-1W  
 Location: Coal Canyon Above Pond  
 Type: E. Stream  
 Frequency: Quarterly

Field Measurements	Date Sampled				Mean
	02/25/91	05/29/91	08/09/91	11/22/91	
Flow [gpm]	DRY	DRY	DRY	DRY	DRY
PH					
Sp. Cond. [ohms]					
Temp. [C]					
Diss. O [ppm]					

Lab. Meas. [mg/l]
TDS
TSS
O & G
Al CaCO3
Hd CaCO3
Ac CaCO3
HCO3
CO3
Cl
SO4
Ca
Mg
K
Na
Cat/An
Fe
Mn

WATER MONITORING REPORT

Property: BCCC #3 Mine  
 Station: 3-2W  
 Location: Sed. Pond Discharge  
 Type: NPDES  
 Frequency: Monthly

Field Measurements	Date Sampled												MEAN
	01/07/91	02/25/91	03/21/91	04/09/91	05/29/91	06/01/91	07/08/91	08/09/91	09/10/91	10/26/91	11/22/91	12/18/91	
Flow [gpm]	DRY	DRY	DRY	DRY	DRY	2.7	DRY	DRY	DRY	DRY	DRY	DRY	2.7
PH						8.1							8.1
Sp. Con. [ohms]						700							700
Temp [C]						6							6
Diss. O. [ppm]						N/R							N/R
Lab. Meas. [ug/l]													
TDS						172							172
TSS						870							870
O & G						N/A							N/A
Al CaCO3						112							112
Hd CaCO3						110							110
Ac CaCO3						0							0
HCO3						137							137
CO3						0							0
Cl						5.62							5.62
SO4						13.8							13.8
Ca						41.4							41.4
Mg						1.73							1.73
K						4.03							4.03
Na						6.6							6.6
Cat/An						1.56							1.56
Fe						25							25
Mn						.57							.57

WATER MONITORING REPORT

Property: BCCC #3 Mine  
 Station: 3-4W  
 Location: Coal Canyon  
 Type: E. Stream  
 Frequency: Quarterly

Field Measurements	Date Sampled				Mean
	02/25/91	05/29/91	09/10/91	11/22/91	
Flow [gpm]	DRY	DRY	DRY	DRY	DRY
PH					
Sp. Cond. [ohms]					
Temp. [C]					
Diss. O [ppm]					

Lab. Meas. [mg/l]

TDS

TSS

O & G

Al CaCO3

Hd CaCO3

Ac CaCO3

HCO3

CO3

Cl

SO4

Ca

Mg

K

Na

Cat/An

Fe

Mn

**U.P.D.E.S.  
DISCHARGE DATA**

**Mountain Coal Company**

Trail Mountain Mine  
Post Office Box 1378  
Price, Utah 84501  
Telephone 801 637-5050 (Price Office)  
801 637-5203 (Mine Office)  
801 748-2140 (Mine Site)



January 28, 1992

Mr. Donald A Hilden, PH.D., Chief  
Permits and Compliance Section  
Bureau of Water Pollution Control  
Utah Division of Environmental Health  
288 North 1460 West  
P.O. Box 16690  
Salt Lake City, Utah 84116-0690

Dear Mr. Hilden:

Enclosed please find Quarterly Discharge Monitoring Reports for Mountain Coal Company's UPDES Permit Numbers UTG040003, UTG040004, UTG040005, UTG040014 and UTG040015. These reports are on the preprinted DMRs provided by the State of Utah, and cover the fourth quarter of 1991.

If you have any questions or need any additional information, please contact me.

Respectfully,

A handwritten signature in cursive script, appearing to read "Dan W. Guy".

Dan W. Guy  
Manager Permitting/Compliance

DWG/cr

Enclosures

cc: Donna Franklin, E.P.A.  
Lowell Braxton, UDOGM  
File

PERMITTEE NAME (Include Facility Name/Location if different) **BEAVER CREEK COAL**  
 ADDRESS **O. BOX 1378**  
 PRICE **UT 84501**

NATIONAL POLLUTANT DISCHARGE MONITORING REPORT (NPDES) (DMR)  
 (2-16) (17-19)  
**UTG040014** PERMIT NUMBER  
**001 A** DISCHARGE NUMBER

MINOR  
 F - FINAL  
 OUTFALL FROM SED. POND  
 Form Approved. OMB No. 2040-0004. Approval expires 8-30-91.

FACILITY **316 Mines**  
 LOCATION **Coal Cym**  
 ATTN: DAN W. GUY, MANAGER

MONITORING PERIOD  
 FROM YEAR 91 MO 10 DAY 01 TO YEAR 91 MO 12 DAY 31  
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

\*\*\* NO DISCHARGE | X | \*\*\*  
 NOTE: Read instructions before completing this form.

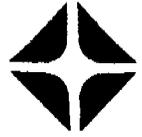
PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-43)			UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				
FLOW RATE				( 07 )	*****	*****	*****	( )			
00056 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30 DA AV	REPORT DAILY MX	GPD	*****	*****	*****	****		ONCE/ GRAB MONTH	
PH	SAMPLE MEASUREMENT	*****	*****	( )		*****		( 12 )			
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.5 DAILY MX	*****	9.0 DAILY MX	50		TWICE/ GRAB MONTH	
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****	( )	*****			( 19 )			
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	25 30 DA AV	70 DAILY MX	MG/L		ONCE/ GRAB MONTH	
SOLIDS, SETTLEABLE	SAMPLE MEASUREMENT	*****	*****	( )	*****	*****		( 25 )			
00545 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	*****	0.5 DAILY MX	ML/L		ONCE/ GRAB MONTH	
OIL AND GREASE	SAMPLE MEASUREMENT	*****	*****	( )	*****	*****		( 19 )			
PREON EXTR-GRAV METH	PERMIT REQUIREMENT	*****	*****	****	*****	*****	10 DAILY MX	MG/L		ONCE/ GRAB MONTH	
00556 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	( )	*****	*****		( 19 )			
IRON, TOTAL (AS FE)	PERMIT REQUIREMENT	*****	*****	****	*****	*****	2.0 DAILY MX	MG/L		ONCE/ GRAB MONTH	
01045 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	( 26 )	*****	*****		( 19 )			
SOLIDS, TOTAL DISSOLVED	PERMIT REQUIREMENT	*****	2000 DAILY MX	LBS/DY	*****	*****	REPORT DAILY MX	MG/L		ONCE/ GRAB MONTH	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER: Dan W. Guy, Permitting & Compliance  
 I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT: *Dan W. Guy*  
 TELEPHONE: 801 637-5050  
 DATE: 91 12 31  
 AREA CODE: 801 NUMBER: 637-5050 YEAR: 91 MO: 12 DAY: 31

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
 TDS IS LIMITED TO ONE TON PER DAY FROM ALL OUTFALLS. DURING PRECIPITATION EVENTS SETTLEABLE SOLIDS SHALL BE LIMITED INSTEAD OF TSS. REPORT "DOES NOT APPLY" IN APPROPRIATE ROW.

**Mountain Coal Company**

Trail Mountain Mine  
Post Office Box 1378  
Price, Utah 84501  
Telephone 801 637-5050 (Price Office)  
801 637-5203 (Mine Office)  
801 748-2140 (Mine Site)



October 31, 1991

Mr. Donald A. Hilden, PH.D., Chief  
Permits and Compliance Section  
Bureau of Water Pollution Control  
Utah Division of Environmental Health  
288 North 1460 West  
P.O. Box 16690  
Salt Lake City, Utah 84116-0690

Dear Mr. Hilden:

Enclosed please find Quarterly Discharge Monitoring Reports for Mountain Coal Company's UPDES Permit Numbers UTG040003, UTG040004, UTG040005, ~~UTG040014~~ and UTG040015. These reports are on the preprinted DMRs provided by the State of Utah, and cover the third quarter of 1991.

If you have any questions or need any additional information, please contact me.

Respectfully,

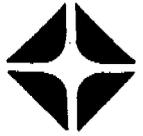
Dan W. Guy  
Manager Permitting/Compliance

DWG/rs

Enclosures

cc: Donna Franklin, E.P.A.  
Lowell Braxton, UDOGM  
File

**Mountain Coal Company**  
Trail Mountain Mine  
Post Office Box 1378  
Price, Utah 84501  
Telephone 801 637-5050 (Price Office)  
801 637-5203 (Mine Office)  
801 748-2140 (Mine Site)



October 31, 1991

Ms. Donna Franklin  
U.S.E.P.A., Region VIII  
999 18th Street  
Denver, Place - Suite 500      WM-C  
Denver, CO 80202-2405

Dear Ms. Franklin:

Enclosed please find Quarterly Discharge Monitoring Reports for Mountain Coal Company's UPDES Permit Numbers UTG040003, UTG040004, UTG040005, UTG040014 and UTG040015. These reports are on the preprinted DMRs provided by the State of Utah, and cover the third quarter of 1991.

If you have any questions or need any additional information, please contact me.

Respectfully,

Dan W. Guy  
Manager Permitting/Compliance

DWG/rs

Enclosures

**Mountain Coal Company**  
Trail Mountain Mine  
Post Office Box 1378  
Price, Utah 84501  
Telephone 801 637-5050 (Price Office)  
801 637-5203 (Mine Office)  
801 748-2140 (Mine Site)



October 31, 1991

Mr. Lowell Braxton, Administrator  
Utah Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Dear Mr. Braxton:

Enclosed please find Quarterly Discharge Monitoring Reports for Mountain Coal Company's UPDES Permit Numbers UTG040003, UTG040004, UTG040005, UTG040014 and UTG040015. These reports are on the preprinted DMRs provided by the State of Utah, and cover the third quarter of 1991.

If you have any questions or need any additional information, please contact me.

Respectfully,

Dan W. Guy  
Manager Permitting/Compliance

DWG/rs

Enclosures

PERMITTEE NAME/ADDRESS (Include Facility Name/Address if different)

NAME **BECK'S CREEK COAL**

ADDRESS **P.O. BOX 1378**

PRICE

UT 84501

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

UTG040014

PERMIT NUMBER

001 A

DISCHARGE NUMBER

MINOR

Form Approved. OMB No. 2040-0004. Approval expires 6-30-91.

F - FINAL

OUTFALL FROM SED. POND

FACILITY

LOCATION

ATTN: DAN W. GUY, MANAGER

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	91	07	01		91	09	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

\*\*\* NO DISCHARGE | X | \*\*\*

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (34-45) (46-53) (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW RATE				( 07 )	*****	*****	*****			
00056 1 0 0 EFFLUENT GROSS VALUE PH	PERMIT REQUIREMENT	REPORT	REPORT	DAILY MX GPD	*****	*****	*****	***	ONCE/	HEARD
	SAMPLE MEASUREMENT	*****	*****	( )		*****			( 12 )	
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	5.5	*****	9.0	***	TRICE/GRAB	
	SAMPLE MEASUREMENT	*****	*****	( )	DAILY MX		DAILY MX	SU	( 19 )	MONTH
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****	( )	*****				( 19 )	
00330 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	25	70	***	ONCE/ GRAB	
	SAMPLE MEASUREMENT	*****	*****	( )	*****	30 DA AV	DAILY MX	MG/L	( 25 )	MONTH
00545 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	0.5	***	ONCE/ GRAB	
	SAMPLE MEASUREMENT	*****	*****	( )	*****	*****	DAILY MX	ML/L	( 19 )	MONTH
OIL AND GREASE FREON EXTR-GRAV METH	SAMPLE MEASUREMENT	*****	*****	( )	*****	*****			( 19 )	
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	10	***	ONCE/ GRAB	
	SAMPLE MEASUREMENT	*****	*****	( )	*****	*****	DAILY MX	MG/L	( 19 )	MONTH
IRON, TOTAL (AS FE)	SAMPLE MEASUREMENT	*****	*****	( )	*****	*****			( 19 )	
01045 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	2.0	***	ONCE/ GRAB	
	SAMPLE MEASUREMENT	*****	*****	( 26 )	*****	*****	DAILY MX	MG/L	( 19 )	MONTH
SOLIDS, TOTAL DISSOLVED	SAMPLE MEASUREMENT	*****	*****	( )	*****	*****			( 19 )	
70295 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	2000	DAILY MX LBS/DY	*****	*****	REPORT	***	ONCE/ GRAB	
	SAMPLE MEASUREMENT	*****	*****	( )	*****	*****	DAILY MX	MG/L	( 19 )	MONTH

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
Dan W. Guy  
Permitting & Compliance  
TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

*Dan W. Guy*  
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE  
801 637-5050  
DATE  
91 09 30  
AREA CODE NUMBER YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

TDS IS LIMITED TO ONE TON PER DAY FROM ALL OUTFALLS. DURING PRECIPITATION EVENTS SETTLEABLE SOLIDS SHALL BE LIMITED INSTEAD OF TSS. REPORT "DOES NOT APPLY" IN APPROPRIATE ROW.

**BEAVER CREEK Coal Company**

Post Office Box 1378  
Price, Utah 84501  
Telephone 801 637-5050



April 22, 1991

Mr. Don A. Ostler, P.E.  
Executive Secretary  
Utah Division of Environmental Health  
P.O. Box 16690  
S.L.C., Ut. 84116-0690

Re: Beaver Creek Coal Co.  
Gordon Creek No. 3/6 Mines  
NPDES Discharge Permit UT-0023060  
Huntington Canyon No. 4 Mine  
NPDES Discharge Permit UT-0023116  
Request for Coverage

Dear Mr. Ostler:

At the request of Mr. Tom Munson of the Division of Oil, Gas & Mining, and pursuant to our earlier conversation, I am submitting this request to have the above referenced Discharge Permits covered under the General Permit (Amended).

I have enclosed a copy of the correspondence showing the Permits were inactivated in May 1989 because the minesites were both reclaimed. Although sediment ponds remained in place at both sites, I was informed that permits were no longer necessary for these sites. It has since been determined that permit coverage is required, at least through the reclamation bond liability period.

Required information for Notices of Intent (NOIs) is also included with this request for coverage.

I appreciate your assistance in this matter. If you need any additional information, please let me know.

Respectfully,

Dan W. Guy, P.E.  
Mgr. Permitting/Compliance

cc: Tom Munson (DOGM)  
Scott Jones (BCCC)  
File

# POND INSPECTIONS

E.I.S Hydrology  
Pond Inspection Report

POND: J-6

LOCATION: East Canyon

ITEM	REMARKS
(1) Potential Safety Hazards	<u>None</u>
(2) Slope Stability	<u>Stable</u>
(3) Erosion	<u>None</u>
(4) Construction and Maintenance Performance Standards	<u>Good</u>
(5) Recommendations/Comments	<u>Paul Rey</u> <u>4" Brown on N</u> <u>Face</u>

I have performed the above inspection on this pond and do hereby certify it to be a true and accurate representation of the pond at this time.

[Signature]  
Inspector  
Date 12/10/91

POND INSPECTION REPORT

POND: 356

LOCATION: Paul Canyon

<u>ITEM</u>	<u>REMARKS</u>
(1) Potential Safety Hazards	<u>None</u>
(2) Slope Stability	<u>Stable</u>
(3) Erosion	<u>None</u>
(4) Construction and Maintenance Performance Standards	<u>Good</u>
(5) Recommendations/Comments	<u>5" Snow Pack</u> <u>No Discharge</u>

I have performed the above inspection on this pond and do hereby certify it to be a true and accurate representation of the pond at this time.

[Signature]

11/22/91  
Date

E.I.S Hydrology  
Pond Inspection Report

POND: #306

LOCATION: Red Canyon

ITEM

REMARKS

(1) Potential Safety Hazards

None

(2) Slope Stability

Good

(3) Erosion

None

(4) Construction and Maintenance  
Performance Standards

Good

(5) Recommendations/Comments

No Leaking Ponds -  
upper - 14" Water  
lower - muddy

I have performed the above inspection on this pond and do hereby  
certify it to be a true and accurate representation of the pond  
at this time.

[Signature]  
Inspector

Date 9/2/91

E.I.S Hydrology  
Pond Inspection Report

POND: # 3:6

LOCATION: Coal Canyon

<u>ITEM</u>	<u>REMARKS</u>
(1) Potential Safety Hazards	<u>None</u>
(2) Slope Stability	<u>Stable</u>
(3) Erosion	<u>None</u>
(4) Construction and Maintenance Performance Standards	<u>Good - Pond Clean ; Dry - 8' Water Level 1/3</u>
(5) Recommendations/Comments	<u>No Discharge</u>

I have performed the above inspection on this pond and do hereby certify it to be a true and accurate representation of the pond at this time.

[Signature]  
Inspector

Date 7/4/91

E.I.S Hydrology  
Pond Inspection Report

POND: 2316

LOCATION: Coal Canyon

ITEM	REMARKS
(1) Potential Safety Hazards	<u>None</u>
(2) Slope Stability	<u>None</u>
(3) Erosion	<u>None</u>
(4) Construction and Maintenance Performance Standards	<u>Good</u>
(5) Recommendations/Comments	<u>None</u> <u>Water approx 6"</u> <u>Water approx 6"</u>

I have performed the above inspection on this pond and do hereby certify it to be a true and accurate representation of the pond at this time.

[Signature]  
Inspector

4/2/91

E.I.S Hydrology  
Pond Inspection Report

POND: 326

LOCATION: Ball Canyon

ITEM	REMARKS
(1) Potential Safety Hazards	None
(2) Slope Stability	Stable
(3) Erosion	None
(4) Construction and Maintenance Performance Standards	Good - 1-Cell Dig - Upper 6" Water Level
(5) Recommendations/Comments	No Discharge

I have performed the above inspection on this pond and do hereby certify it to be a true and accurate representation of the pond at this time.

[Signature]  
Inspector

Date 5/29/81

E.I.S Hydrology  
Pond Inspection Report

POND: 396

LOCATION: Coal Canyon

ITEM	REMARKS
(1) Potential Safety Hazards	<u>None</u>
(2) Slope Stability	<u>Stable</u>
(3) Erosion	<u>None</u>
(4) Construction and Maintenance Performance Standards	<u>Good</u>
(5) Recommendations/Comments	<u>Heavy PM - AM</u> <u>None - No Discharge</u> <u>Cell A - 15" Water Level</u>

I have performed the above inspection on this pond and do hereby certify it to be a true and accurate representation of the pond at this time.

[Signature]  
Inspector

Date 6/1/91

E.I.S Hydrology  
Pond Inspection Report

POND: #316

LOCATION: Pool Canyon

ITEM	REMARKS
(1) Potential Safety Hazards	<u>None</u>
(2) Slope Stability	<u>Stable</u>
(3) Erosion	<u>None</u>
(4) Construction and Maintenance Performance Standards	<u>Good</u>
(5) Recommendations/Comments	<u>Good by - Pool Canyon - No Discharge</u>

I have performed the above inspection on this pond and do hereby certify it to be a true and accurate representation of the pond at this time.

[Signature]  
Inspector

Date 1/7/91

**SUBSIDENCE  
SURVEY**

SUBSIDENCE MONITORING  
 GORDON CREEK #3 & #6 MINES

STATION	ORIG. ELEV.	SURVEY ELEV.						CHANGES	
	7/30/86	11/3/86	8/29/87	10/9/88	10/15/89	10/13/90	9/29/91	LATEST	ACC.
"Q"	7577.760	7577.760	7577.760	7577.760	7577.760	7577.760	7577.760		
"N"	7892.180	7892.180	7892.180	7892.180	7892.180	7892.180	7892.180		
Sub-1	8269.400	8269.410	8269.412	8269.481	8269.423	8269.327	8269.319	-0.008	-0.081
Sub-2	8107.430	8107.403	8107.412	8107.390	8107.334	8107.284	8107.229	-0.055	-0.201
Sub-3	8502.610	8502.569	8502.566	8502.614	8502.736	8502.490	8502.545	0.055	-0.065
Sub-4	8308.580	8308.494	8308.534	8308.592	8308.575	8308.443	8308.437	-0.006	-0.143
Sub-5	8512.470	8512.390	8512.383	8512.548	8512.414	8512.406	8512.222	-0.184	-0.248
Sub-6	8412.570	8412.530	8412.483	8412.714	8412.572	8412.549	8412.464	-0.085	-0.106

**ANNUAL  
IMPOUNDMENT  
CERTIFICATIONS**

POND INSPECTION REPORT

(1991 ANNUAL INSPECTION)

POND: SED. POND

LOCATION: GORDON CREEK 3/6 MINES

ITEM	REMARKS
(1) Potential Safety Hazards	<u>None Noted.</u>
(2) Slope Stability	<u>Slopes appear stable.</u> <u>Well Vegetated.</u>
(3) Erosion	<u>None Noted.</u> <u>~ 6" Snow Cover.</u>
(4) Construction and Maintenance Performance Standards	<u>Upper Sed. Level - 10" below Cleanout</u> <u>Lower Sed. Level - 19" below Cleanout.</u> <u>Volume - Adequate based on sed. levels.</u>
(5) Recommendations/Comments	<u>10"-12" Ice in bottom of upper cell.</u> <u>Lower Cell - Dry.</u> <u>No Discharge.</u>

I have performed the above inspection on this pond and do hereby certify it to be a true and accurate representation of this pond at this time.

12/16/91

Dan W. Guy

REGISTERED PROFESSIONAL ENGINEER  
No. 4548  
DAN W. GUY  
Date  
STATE OF UTAH

**VEGETATION  
MONITORING**

**WOODY SPECIES DENSITY**  
**AT THE**  
**GORDON CREEK NUMBERS 3 & 6 MINES: 1991**



Prepared by

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for

*MOUNTAIN COAL COMPANY*  
P.O. Box 1378  
Price, Utah 84501

Report: Patrick Collins, Ph.D.

Fieldwork: Patrick Collins  
Dean Collins

Date: January 1992

**WOODY SPECIES DENSITY AT  
GORDON CREEK NUMBERS 3 & 6 MINES**

- 1991 -

**INTRODUCTION**

Quantitative sampling techniques were employed to monitor the current condition and establishment of the woody species for the revegetated areas at the Gordon Creek Nos. 3 & 6 mine sites. Compilation of these data, plus previously recorded data, would give *Mountain Coal Company* an idea as whether or not application for bond release would be feasible in the near future.

**METHODS**

A total of 64 belt transects were placed randomly over the entire revegetated area by a method to adequately monitor the site as a whole. More belts were placed in larger areas. The method also enables one to locate problem areas with low densities where improvement techniques could be implemented if mean total densities were not satisfactory. These belt transects had an area of 300 sq. ft. each. All woody species were counted within each belt. Calculations were then made to determine the

approximate number of individuals per acre.

## RESULTS

The mean total density of the entire revegetated area of the Gordon Creek Nos. 3 & 6 Mines was estimated at 1,210 individuals per acre. The total densities for each area ranged from 653 to 2,161 individuals per acre.

There were seven different woody species encountered in the belt transects. The most common species were big sagebrush (*Artemisia tridentata*), prostrate summercypress (*Kochia prostata*) and rubber rabbitbrush (*Chrysothamnus nauseosus*). A summary table was included in this report that shows the total densities for each area and separates the total densities by species.

**WOODY SPECIES DENSITY  
SUMMARY TABLE  
FOR THE  
GORDON CREEK 3 & 6 MINES**

October 1991

**DENSITY TOTALS**

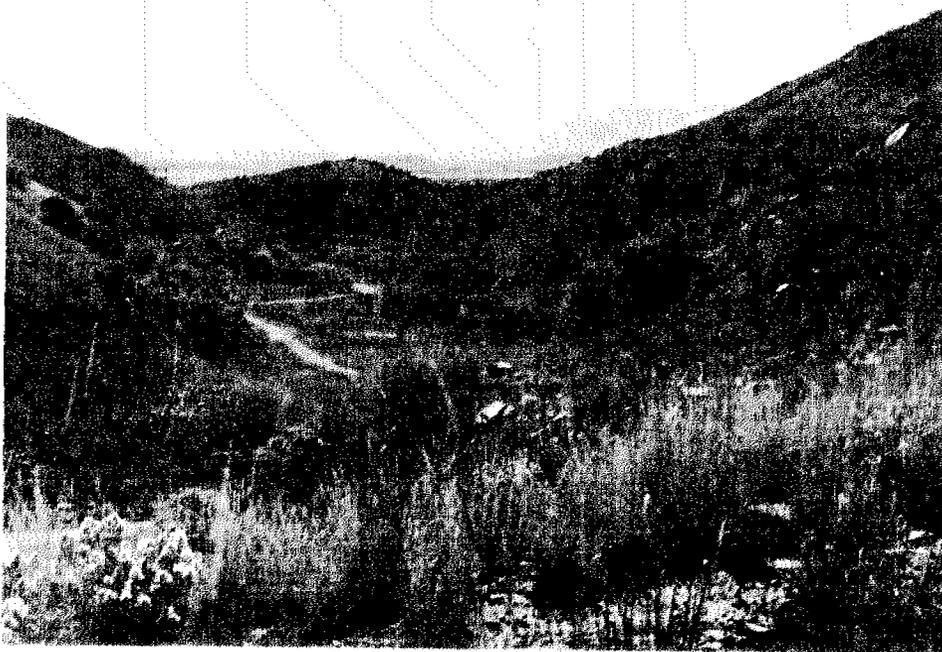
<u>Transect No.</u>	<u>n</u>	<u>Mean</u>	<u>S.D.</u>	<u>No./Ac</u>
D1	24	5.67	4.22	823.28
D2	8	14.88	3.64	2160.58
D3	8	12.00	4.00	1742.40
D4	8	4.50	1.51	653.40
D5	16	9.13	7.88	1325.68
<hr/>				
Combined Averages	64	8.33	6.06	1209.52

*N<sub>min</sub> = 28*

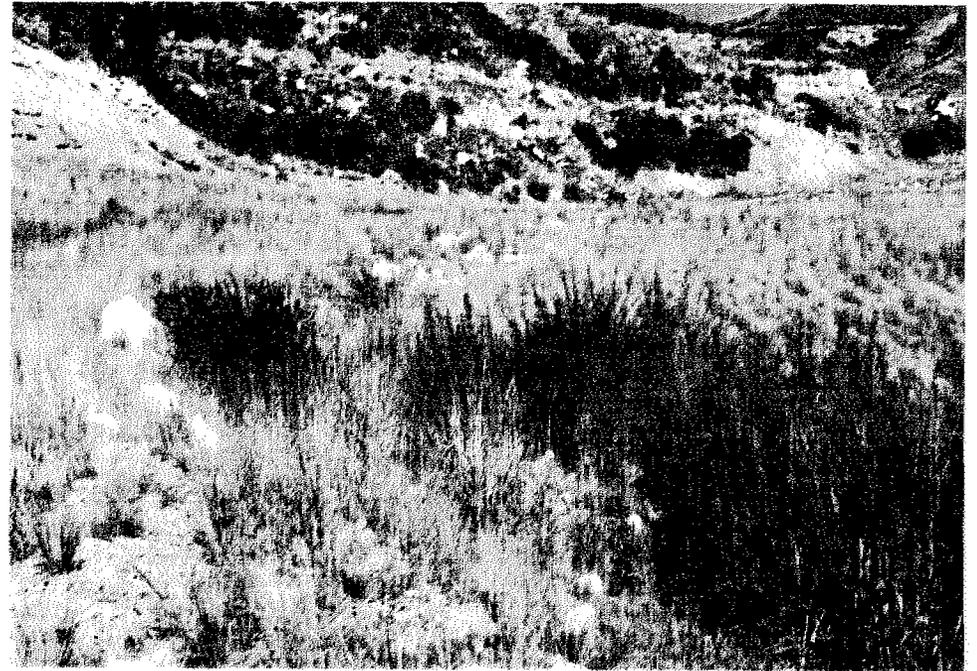
**DENSITY BY SPECIES**

<u>Species</u>	<u>No./Ac</u>
Artemisia tridentata	365.27
Atriplex canescens	15.88
Ceratoides lanata	102.09
Chrysothamnus nauseosus	313.09
Eriogonum corymbosum	49.91
Kochia prostrata	360.73
Rosa woodsii	2.27
<hr/>	
Total	1209.24

No. = number; n = sample size; S.D. = Standard Deviation; Ac. = Acre



View of General Area



Sample Area: D1



Sample Area: D2



Sample Area: D3



Sample Area: D4



Roadside - Sample Area: D5

Photographs of Gordon Creek Nos. 3 & 6 Mine Sites.  
October 9, 1991

OPEN