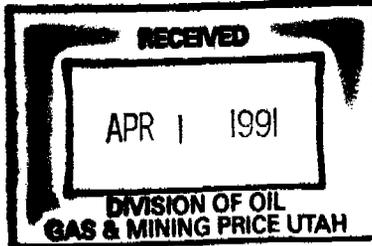


BEAVER CREEK Coal Company

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



March 28, 1991

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: 1990 Annual Report
Gordon Creek No. 3/6 Mines
INA/007/017
Carbon County, Utah

Dear Mr. Braxton:

Enclosed is the Annual Report for Coal Mining and Reclamation Operations for 1990 for the Gordon Creek No. 3/6 Mines.

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,
Manager, Permitting & Compliance

DWG/pd

cc: Johnny Coffey
File 4-P-5-1-1

BEAVER CREEK COAL COMPANY
1990 ANNUAL REPORT
GORDON CREEK NO. 3/6 MINES

BEAVER CREEK Coal Company

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



March 28, 1991

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: 1990 Annual Report
Gordon Creek No. 3/6 Mines
INA/007/017
Carbon County, Utah

Dear Mr. Braxton:

Enclosed is the Annual Report for Coal Mining and Reclamation Operations for 1990 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/pd

cc: Johnny Coffey
File 4-P-5-1-1

BEAVER CREEK COAL COMPANY
1990 ANNUAL REPORT
GORDON CREEK NO. 3/6 MINES

COAL MINING AND RECLAMATION OPERATIONS FOR 1990

(Must be submitted to the Division by March 31, 1991)

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:	Beaver Creek 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
Date of Initial Permanent Program Permit	5/11/78
Date of Permit Renewal:	9/11/86
Quantity of Coal Mined (tonnage) 1990:	N/A (Mine Reclaimed)

Attach Updated Mine Sequence Map. (N/A)

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

- A. Summarized Water Monitoring Data
- B. Precipitation or Other Climatological Data
- C. Subsidence Monitoring Report
- D. Vegetation Data (test plots) or Revegetation Success Monitoring (includes interim and final)
- E. Annual Impoundment Inspection
- F. Permit Stipulation Status, if applicable. Status of Division Orders, if applicable.

CERTIFICATES OF INSURANCE

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

**DIVISION OF OIL
GAS & MINING**

RIDER

To be attached to and form a part of

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

LEGAL
UCY

Principal Beaver Creek Coal Company

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

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

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

By:
Date

Acceptance copy signed:
James H. 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

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

Dan
Dear Mr. Guy:

Re: Phase I Bond Release, Beaver Creek Coal Company,
Gordon Creek No. 3 and No. 6 Mines, Folder #5,
INA7007/019, 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*

Act per last

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

Mickey L. Love
Supervisor
Property Administration

MLL/c

Enclosure

RECEIVED
JUN 29 1987

MR FORM 5

(Revised August 1985)
(Non-Federal)

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:

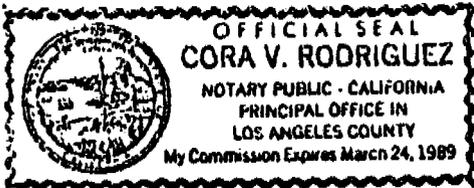
By Assistant Attorney General

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.

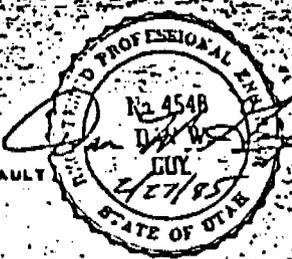
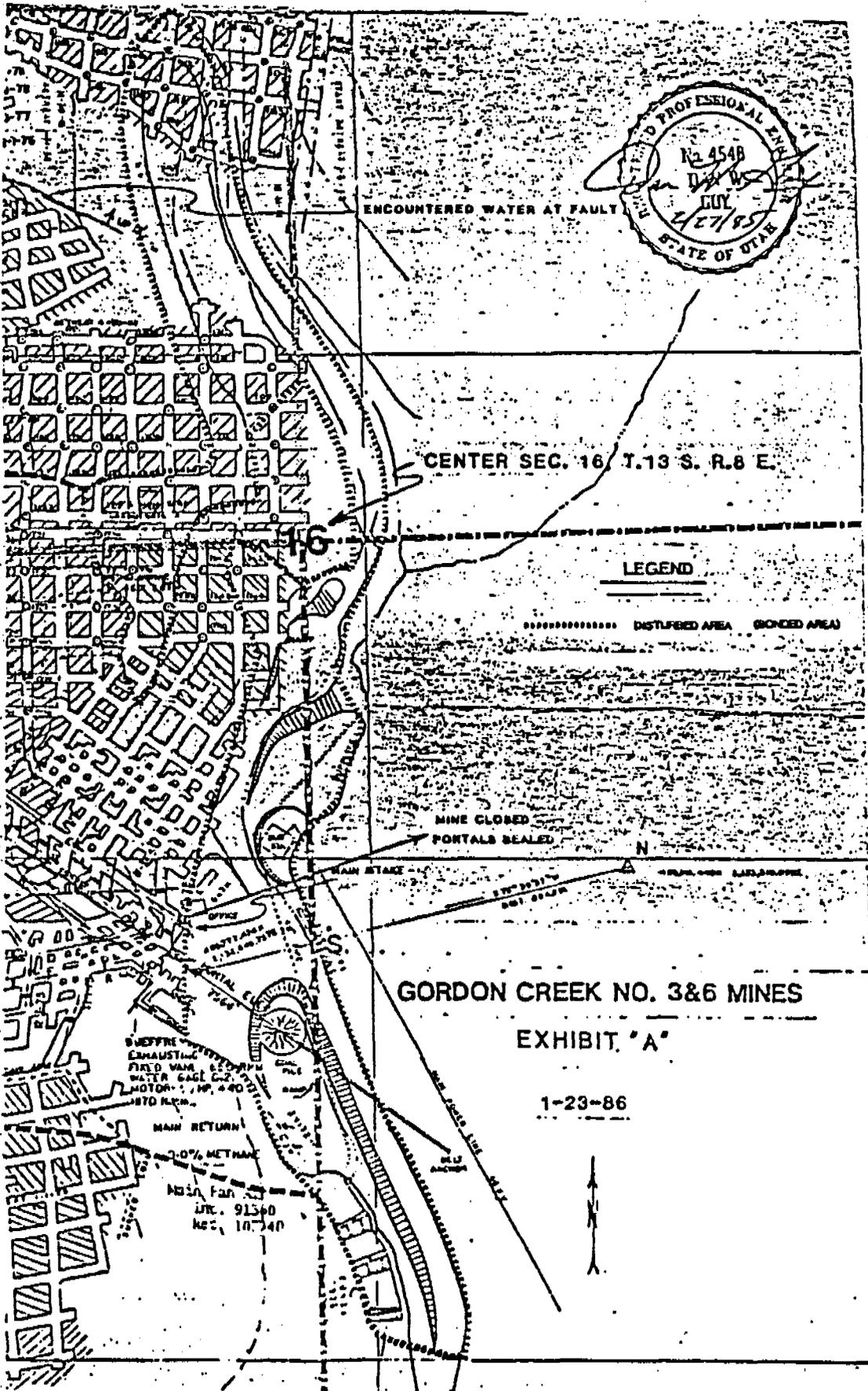
GORDON CREEK NO. 3/6 MINES
EXHIBIT "A"

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)



ENCOUNTERED WATER AT FAULT

CENTER SEC. 16 T.13 S. R.8 E.

LEGEND

----- DISTURBED AREA ----- BONDED AREA

MINE CLOSED
PORTALS SEALED

N

GORDON CREEK NO. 3&6 MINES

EXHIBIT, "A"

1-23-86

BUFFER EXHAUSTING FAN VAN WATER WAG. C-2 MOTOR: 1 HP, 440 V. 1770 RPM.
MAIN RETURN
0.0% METHANE
Main Fan
UTC. 91540
KCC. 10740



UNITED PACIFIC INSURANCE COMPANY

HOMI. 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 or more 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 comply with 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*



RECEIVED
 DEC 05 1989

DIVISION OF
 OIL, GAS & MINING

Certify to
 State of Utah
 Division of Oil, Gas and Mining
 Utah Department of Natural Resources
 4241 State Office Building
 Salt Lake City, UT 84114

- 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)

FOLD

At 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 So. Flower Street, Los Angeles, CA 90071
 covering in accordance with the terms thereof, at the following location(s):

Including Beaver Creek 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 <small>Bodily Injury</small> Premises—Operations (including "Incidental Contracts" as defined below) Independent Contractors Completed Operations/Products Contractual, (Specific type as described in footnote below)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ISL G1 077856-6	01-01-90 to 01-01-93	\$ *See Below Each Person Each { <input type="checkbox"/> Accident <input type="checkbox"/> Occurrence
	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
<small>Property Damage</small> Premises—Operations (including "Incidental Contracts" as defined below) Independent Contractors Completed Operations/Products Contractual, (Specific type as described in footnote below)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ISL G1 077856-6	01-01-90 to 01-01-93	\$ *See Below Each { <input type="checkbox"/> Accident <input type="checkbox"/> Occurrence Aggregate—Prem./Oper. Aggregate—Protective Aggregate—Completed Operations/Products Aggregate—Contractual
	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
c) Automobile Liability <small>Bodily Injury</small> Owned Automobiles Hired Automobiles Non-owned Automobiles	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ISA 001903	01-01-90 to 01-01-93	\$ *See Below Each Person Each { <input type="checkbox"/> Accident <input type="checkbox"/> Occurrence
	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
<small>Property Damage</small> Owned Automobiles Hired Automobiles Non-owned Automobiles	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ISA 001903	01-01-90 to 01-01-93	\$ *See Below Each { <input type="checkbox"/> Accident <input type="checkbox"/> Occurrence
	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
(d) SEE REVERSE					\$ *2,000,000 Combined Single Limit per occurrence subject to aggregate of \$2,000,000. where applicable.

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:

It is the intention of the company that in the event of cancellation of the policy or policies by the company, ten (10) days' written notice of such cancellation will be given to you at the address stated above.

NAME OF OTHER PARTY

DATE (if applicable)

CONTRACT NO. (if any)

DESCRIPTION (OR JOB)

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 municipal ordinance, except in connection with work for the municipality, (4) sidetrack agreement, or (5) elevator maintenance agreement.

[Signature]
 Authorized Representative

Revised November, 1987.

CERTIFICATE OF LIABILITY INSURANCE

Issued to:
State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
--oo00oo--

THIS IS TO CERTIFY THAT:

Insurance Company of North America

(Name of Insurance Company)

1600 Arch Street, Philadelphia, PA 19101

(Home Office Address of Insurance Company)

HAS ISSUED TO:

BEAVER CREEK COAL CO.

(Name of Permit Applicant)

GORDON CREEK No. 3/6 MINES

(Mine Name)

INA/007/017

(Permit Number)

CERTIFICATE OF INSURANCE:

HDO GO 969065-7

(Policy Number)

1-1-88

(Effective Date)

UNDER THE FOLLOWING TERMS AND CONDITIONS:

As Per UMC/SMC Part 800.60 Terms and Conditions for Liability Insurance;

- A. The Division shall require the applicant to submit as part of its permit application a certificate issued by an insurance company authorized to do business in the state of Utah certifying that the applicant has a public liability insurance policy in force for the surface coal mining and reclamation operations for which the permit is sought. Such policy shall provide for personal injury and property damage protection in an amount adequate to compensate any persons injured or property damaged as a result of the surface coal mining and reclamation operations, including the use of explosives and who are entitled to compensation under the applicable provisions of state law. Minimum insurance coverage for bodily injury and property damage shall be \$300,000 for each occurrence and \$500,000 aggregate.
- B. The policy shall be maintained in full force during the life of the permit or any renewal thereof, including the liability period necessary to complete all reclamation operations under this chapter.

Page 2.
CERTIFICATE OF LIABILITY INSURANCE

C. The policy shall include a rider requiring that the insurer notify the Division whenever substantive changes are made in the policy including any termination or failure to renew.

IN ACCORDANCE WITH THE ABOVE TERMS AND CONDITIONS, and the Utah Code Annotated 40-10-1 et seq., the Insurance Company hereby attests to the fact that coverage for said Permit Applicant is in accordance with the requirements of the State of Utah and agrees to notify the Division of Oil, Gas and Mining in writing of any substantive change, including cancellation, failure to renew, or other material change. No change shall be effective until at least thirty (30) days after such notice is received by the Division.

UNDERWRITING AGENT:

M. J. Morehouse

213-739-4630

(Agent's Name)

(Phone)

Insurance Company of North America

(Company Name)

3333 Wilshire Blvd

Los Angeles, CA 90010

(Mailing Address)

(City, State, Zip Code)

The undersigned affirms that the above information is true and complete to the best of his or her knowledge and belief, and that he or she is an authorized representative of the above-named insurance company.

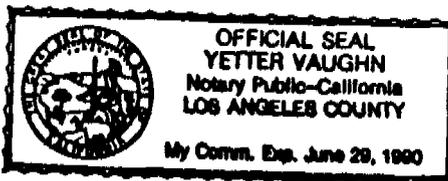
1-27-88 M. J. Morehouse - Account Manager
(Date, Signature and Title of Authorized Agent of Insurance Company)

Signed and sworn before me by

M. J. MOREHOUSE

(Name)

this 27th day of January, 1988



Yetter Vaughn
(Signature)

My Commission Expires:

June 29, 1990
(Date)

1-26-88 adf

7000R-28

1990

PERMIT / STIPULATION STATUS

NON-FEDERAL
(February 1985)

Permit Number INA/007/017, 9/86

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, INA/007/017, is issued for the state of Utah by the Utah Division of Oil, Gas and Mining (DOGM) to:

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

for the Gordon Creek #3 and #6 Mines, Beaver Creek Coal Company is the lessee of state coal lease 27342 and certain fee owned parcels. The permit is not valid until a performance bond is filed with the Division of Oil, Gas and Mining in the amount of or exceeding \$337,967.00, payable to the state of Utah, Division of Oil, Gas and Mining and the DOGM has received 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 UCMRA.

Sec. 2 The permittee is authorized to conduct surface coal mining and reclamation operations on the following described lands within the permit area at the Gordon Creek 3 & 6 Mines situated in the state of Utah, Carbon County, and located:

Township 13 South, Range 8 East, SLBM

Section 8: SE 1/4 SE 1/4
Section 9: S 1/2 SW 1/4, SW 1/4 SE 1/4
Section 16: SE 1/4 NW 1/4, SW 1/4 NE 1/4, N 1/2 NW 1/4, SW 1/4, SW 1/4 NW 1/4
Portions of SW 1/4 SE 1/4, Portions of NW 1/4 SE 1/4
Section 17: NE 1/4 NE 1/4, SE 1/4 NE 1/4, NE 1/4 SE 1/4
Section 21: Portions of W 1/2 NE 1/4, Portions of SE 1/4 NW 1/4

This legal description is for the permit boundary (as shown on the permit area map) of the Gordon Creek 3 & 6 Mines. The permittee is authorized to conduct surface and reclamation operations connected with mining on the foregoing described property subject to the conditions of the leases, the approved mining plan, including all conditions and all other applicable conditions, laws and regulations.

- Sec. 3 This permit is issued for a term of five (5) years commencing on the date the ~~permit is signed by the~~ permittee, except that this permit will terminate if the permittee has not begun the surface coal mining and reclamation operations covered herein within three (3) years of the date of issuance.
- Sec. 4 The permit rights may not be transferred, assigned or sold without the approval of the Director, DOGM. Request for transfer, assignment or sale of permit rights must be done in accordance with applicable regulations including but not limited to UMC 788.17-.19.
- Sec. 5 The permittee shall allow the authorized representative of the DOGM, including but not limited to inspectors, 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 UMC 840.12, and UMC 842.13; and,
 - B. be accompanied by private persons for the purpose of conducting an inspection in accordance with UMC 842.12, when the inspection is in response to an alleged violation reported by the private person.
- Sec. 6 The permittee shall conduct surface coal mining and reclamation operations only on those lands specifically designated as within the permit area on the maps submitted in the mining plan and permit application and approved for the term of the permit and which are subject to the performance bond.

- Sec. 7 The permittee shall minimize any adverse impact to the environment or public health and safety resulting from noncompliance, including but not limited to:
- A. accelerated monitoring 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. 8 The permittee shall dispose of solids, sludge, filter backwash or pollutants in the course of treatment or control of waters or emissions to the air in the manner required by the approved Utah State Program which prevents violation of any applicable State law.
- Sec. 9 The lessee 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 DOGM in approving alternative methods of compliance with the performance standards of the Act and the approved Utah State Program.
- Sec. 10 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. 11 The permittee shall comply with the provisions of UCA 26-11-1 et seq (Water Pollution Control) and UCA 26-13-1 et seq (Clean Air).
- Sec. 12 Upon expiration, this permit may be renewed for areas within the boundaries of the existing permit in accordance with the Act and the approved Utah State Program.

APPROVED AS TO FORM:

BY: *Paul W. Roberts*
Assistant Attorney General

Date: *September 11, 1986*

0893R

Attachment A

STIPULATIONS

Beaver Creek Coal Company
Gordon Creek No. 3 and 6 Mines
INA/007/017
Carbon County, Utah

September 10, 1986

Stipulations UMC 817.46-(1,2)-JRF

1. The sediment ponds shall be constructed by October 31, 1986 so that at least 3.83 acre feet of sediment and runoff can be retained in the ponds and so that a 24 inch cmp riser is installed for the principle spillway.
2. Within 30 days of final pond construction, the applicant shall submit as-built pond designs certified by a Professional Engineer. The designs shall show pond contours with a contour interval no greater than two feet. The as-built designs shall at a minimum contain:
 - a. sideslope characterizations
 - b. section and plan views
 - c. scale of 1" = 20'
 - d. pond floor elevation and dimensions
 - e. bank elevation
 - f. complete spillway dimensions
 - g. sediment levels and markers for both ponds

Stipulation UMC 817.48-(1)-00

1. During the backfilling and grading portion of the reclamation at the Gordon Creek #3 and #6 mine site, but no later than October 31, 1986, the applicant shall bury the material which was the subject of Notice of Violation N85-8-17-1 with a minimum of 4 feet of non-toxic and nonacid-forming material

Stipulations UMC 817.52-(1,2)-JRF

Surface Water

1. Within 30 days of permit approval, the applicant shall submit a revised surface water parameter list that includes total dissolved solids.
2. Within 30 days of permit approval, the applicant shall submit a revised surface water monitoring program that incorporates an additional monitoring station at the sediment pond entrance. Sampling of this station shall be initiated upon permit approval utilizing the quarterly frequency for other surface water monitoring.

Stipulation UMC 817.113-(1)-KMM

1. Within 30 days of permit approval, the applicant shall submit amended pages 3-37 or 3-37b to clarify when planting of willow cuttings will occur.

Stipulation UMC 817.114-(1)-KMM

1. On all areas to be mulched, the applicant shall apply no less than 3000 lbs/acre of wood fiber mulch after seeding during final reclamation of the site.

Stipulation UMC 817.150-.156-(1)-PGL

1. Within 30 days of permit approval, the applicant shall provide amended page 3-37a which will specifically describe where the Class II road extending from within the permit area to the main Gordon Creek road will be graveled.

0888R

BEAVER CREEK Coal Company

Post Office Box 1378

Price, Utah 84501

Telephone 801 637-5050



December 29, 1986

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

Re: Permit Approval Stipulation
Gordon Creek No. 3 & 6 Mines
INA/007/017, #2 & #4
Carbon County, Utah

Dear Mr. Braxton:

Enclosed are eight copies of the Beaver Creek Coal response to Stipulation UMC 817.46 - (1,2) - JRF. This is a new plate, representing the final pond construction, and should be added to Chapter 7 of the approved plan.

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

Respectfully,

Dan W. Guy
Manager Permitting/Compliance

DWG/rs

cc: Jay Marshall
✓ File



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

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

November 20, 1986

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

Dear Mr. Guy:

RE: Stipulation Responses, Beaver Creek Coal Company, Gordon Creek
No. 3 & 6 Mines, INA/007/017, Folder 2 and 4, Carbon County Utah

The Division has reviewed responses for stipulations 817.52, 817.113, 817.114, and 817.150-156, contained in your letter of October 27, 1986. The material submitted adequately addresses these stipulations.

In addition, your letter notes the material which was the subject of stipulation UMC 817-48-(1)-DD has been buried with at least four feet of non-toxic, or non-acid forming material. This action adequately addresses this stipulation.

The only item which will require any further response in regards to stipulations for this permit are the as-built pond designs and drawings to be submitted within 30 days of pond construction.

Sincerely,

John J. Whitehead
Permit Supervisor/
Reclamation Hydrologist

djh

Phil Ralphs
Rick Smith
0844R/52

BEAVER CREEK Coal Company

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



October 27, 1986

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

Re: Permit Approval Stipulations
Gordon Creek No. 3 & 6 Mines
INA/007/017, #2 & #4
Carbon County, Utah

Dear Mr. Braxton:

Enclosed are eight copies of the Beaver Creek Coal Company response to the following stipulations:

- (1) UMC 817.52 - (1,2) - JRF
- (2) UMC 817.113 - (1) - KMM
- (3) UMC 817.114 - (-1) - KMM
- (4) UMC 817.150 - .156 - (1) PGL

In addition, UMC 817.48 (1) - DD has been met by the burial of the subject material beneath a minimum of 4 feet of non-toxic and nonacid-forming material.

Stipulations UMC 817.46 - (1,2) - JRF will be met as prescribed; however, due to the heavy storms early in the reclamation process and slow drying on site, the sediment pond reconstruction will not be completed until 11/14/86. Beaver Creek Coal Company therefore requests an extension of the 10/31/86 date to 11/14/86, due to the uncontrollable delay.

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

Respectfully,

Dan W. Gry,
Manager of Permitting/Compliance

DWG/rs

cc: Jay Marshall
File



DEPARTMENT OF HEALTH
DIVISION OF ENVIRONMENTAL HEALTH

Norman H. Hangerter
Governor
The 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

May 1, 1989

Dan W. Guy
Manager of Permitting/Compliance
Beaver Creek Coal Company
P.O. Box 1378
Price, Utah 84501

Re: Issuance of General Permits for Coal
Mining UTG040003, UTG040004 and
UTG040005

Dear Mr. Guy:

We hereby acknowledge receipt by EPA and the State of five Notices of Intent (NOIs) for coverage under the Utah General Permit for Coal Mining. The NOI's for Beaver Creek Coal Company's Trail Mountain No. 9 Mine, Gordon Creek No. 2 Mine, Huntington Canyon No. 4 Mine, Gordon Creek No. 3 & 6 Mines and the CV Spur Processing/Loadout Facility are considered adequate. Three of the facilities will be issued a general permit and two of the existing facility permits will be inactivated because of completion of reclamation activities. Trail Mountain No. 9 Mine has been reassigned a new permit number UTG040003, Gordon Creek No. 2 Mine has been reassigned a new permit number UTG040004 and the CV Spur Processing/Loadout Facility has been assigned a new permit number UTG040005. Any future correspondence regarding these three facilities should refer to these numbers. The permits for Huntington Canyon No. 4 Mine UT0023116 and Gordon Creek No. 3 & 6 Mines UT0023060 will be inactivated.

A copy of the final signed permits are enclosed. Coverage shall begin June 1, 1989 and all requirements and conditions of the permits will be in full force and 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 Beaver Creek Coal by June 1st.

Dan Guy
Page Two

Also enclosed is the billing information for the issuance of your Utah Pollutant Discharge Elimination System (UPDES) permits. 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 \$100.00 filing fee and a charge equal to the Bureau of Water Pollution Control's actual costs for writing and issuance of a UPDES permit. It is Division policy to charge either the filing fee or the actual cost plus 7% whichever is greater. Please remit \$300.00 to the Utah Department of Health, Bureau of Water Pollution Control, P.O. Box 16690, Salt Lake City, Utah 84116-0690.

If you have any questions please contact Mike Herkiner at 538-6146.

Sincerely,

Utah Water Pollution Control Committee



Don A. Ostler, P.E.
Executive Secretary

Enclosure

MDH:st

cc: Janet Fujita, EPA Region VIII, w/enclosure
Joel Helfrich, DOGM, w/enclosure

1571-28

ANNUAL
SEDIMENT POND
CERTIFICATIONS

POND INSPECTION REPORT

(1990 ANNUAL REPORT)

POND: 3/6 SEP. POND

LOCATION: COAL CANYON

ITEM	REMARKS
(1) Potential Safety Hazards	<u>None Noted.</u>
(2) Slope Stability	<u>Slopes appear stable.</u>
(3) Erosion	<u>None Noted.</u>
(4) Construction and Maintenance Performance Standards	<u>O.K. - Both cells stable.</u>
(5) Recommendations/Comments	<u>None. -</u> <u>POND 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 at this time.

11/9/90 Date

DAN W. GUY REGISTERED PROFESSIONAL ENGINEER No. 4548

STATE OF UTAH

1990

WATER MONITORING DATA

BEAVER CREEK Coal Company

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



January 23, 1991

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

Dear Ms. Littig:

Enclosed are the results of the Beaver Creek Coal Company water monitoring for the fourth Quarter of 1990.

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 of Permits and Compliance

DWG/pd

Enclosures

File 4-E-2-1
WTRMON

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

Field Measurements	Date Sampled				Mean
	02/12/90	05/26/90	08/23/90	10/07/90	
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.S. Hydrology
Field Measurements Form

Date 10/7/90

Station # 3-14

Company Beaver Creek

Time 14:10

Flow/Depth D

pH _____

Specific Conductivity _____

Water Temperature _____

Air Temperature _____

Dissolved Oxygen _____

Type: Spring Stream Well Discharge NPLMS

Collection Point _____

Appearance of Water: Clear Milky Cloudy Opaque

Quality Sample Taken: Yes No

Pump Reading _____

Comments _____

Field Monitor J. P. [Signature]

When Sample or Measurements Not Taken:

Reason: _____

D = Dry F = Frozen N/A = Not Accessable N/R = Not Required

E.I.S. Hydrology
Field Measurements Form

3-141
Station #

Date 11/26/90

Company BACOR

Flow/Depth D

pH _____

Sp. Cond. _____

W. Temp. _____

Air Temp. _____

Elev. 0 _____

Time 3:15

Type: Spring _____ Stream _____ Well _____ Discharge NPDES

Collection Point: _____

Appearance of Water: Clear _____ Milky _____ Cloudy _____ Opaque _____

Weather: Clear _____ Part. Cloudy _____ Overcast _____ Rain _____ Snow _____

Quality Sample Taken: Yes _____ No _____

Comments _____

Field Monitor [Signature]

Pump Reading _____

When Sample or Measurements Not Taken:

Reason: D

D = Dry F = Frozen N/A = Not Accessable N/R = Not Required

E.I.S. Hydrology
Field Measurements Form

3-142
Station #

Date 12/17/90

Company Brace Creek

Flow/Depth N/A

pH _____

Sp. Cond. _____

W. Temp. _____

Air Temp. _____

Diss. O _____

Time _____

Type: Spring Stream Well Discharge NPDES

Collection Point: _____

Appearance of Water: Clear Milky Cloudy Opaque

Weather: Clear Part. Cloudy Overcast Rain Snow

Quality Sample Taken: Yes No

Comments _____

Field Monitor [Signature]

Pump Reading _____

When Sample or Measurements Not Taken:

Reason: N/A

D = Dry F = Frozen N/A = Not Accessable N/R = Not Required

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

Date Sampled
ld Measurements 01/08/90 02/12/90 03/01/90 04/00/90 05/26/90 06/10/90 07/03/90 08/23/90 09/26/90 10/07/90 11/26/90 12/17/90

Flow [gpm] DRY N/A

PH

Sp. Con. [ohms]

Temp [C]

Diss. O. [ppm]

Chlor. Res. [mg/l]

TDS

TSS

O & C

Al CaCO3

H 33

Ac

HCO3

CO3

Cl

SO4

Ca

Mg

K

Na

Cat/An

Fe

Mn

E.T.S. Hydrology
Field Measurements Form

Date 10/17/90

Station = B-240

Company Beaver Creek

Time 14:10

Flow/Depth D

pH _____

Specific Conductivity _____

Water Temperature _____

Air Temperature _____

Dissolved Oxygen _____

Type: Spring _____ Stream _____ Well _____ Discharge L N/A _____

Collection Point _____

Appearance of Water: Clear _____ Milky _____ Cloudy _____ Opaque _____

Quality Sample Taken: Yes _____ No L

Pump Reading _____

Comments _____

Field Monitor [Signature]

When Sample or Measurements Not Taken:

Reason: D

D = Dry F = Frozen N/A = Not Accessable N/R = Not Reported

E. S. Hydrology
Field Measurements Form

3-50
Station #

Date 11/26/90

Company Beverly Creek

Flow/Depth D

pH _____

Sp. Cond. _____

W. Temp. _____

Air Temp. _____

Diss. O _____

Time 13:15

Type: Spring _____ Stream _____ Well _____ Discharge NPDES _____

Collection Point: _____

Appearance of Water: Clear _____ Milky _____ Cloudy _____ Opaque _____

Weather: Clear _____ Part. Cloudy _____ Overcast _____ Rain _____ Snow _____

Quality Sample Taken: Yes _____ No

Comments _____

Field Monitor [Signature]

Pump Reading _____

When Sample or Measurements Not Taken:

Reason: D

D = Dry F = Frozen N/A = Not Accessable N/R = Not Required

E.I.S. Hydrology
Field Measurements Form

3-24
Station #

Date 12/17/90

Company Beaver Creek

Flow/Depth N/A

pH _____

Sp. Cond. _____

W. Temp. _____

Air Temp. _____

Diss. O _____

Time _____

Type: Spring _____ Stream _____ Well _____ Discharge NPDES _____

Collection Point: _____

Appearance of Water: Clear _____ Milky _____ Cloudy _____ Opaque _____

Weather: Clear _____ Part. Cloudy _____ Overcast _____ Rain _____ Snow _____

Quality Sample Taken: Yes _____ No _____

Comments _____

Field Monitor [Signature]

Pump Reading _____

When Sample or Measurements Not Taken:

Reason: N/A

D = Dry F = Frozen N/A = Not Accessable N/R = Not Required

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

Field Measurements	Date Sampled				Mean
	02/12/90	05/26/90	08/23/90	11/26/90	
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

E.I.S. Hydrology
Field Measurements Form

Date 10/7/90

Station = 3-4W

Company Beaver Creek

Time 14:15

Flow/Depth 0

pH _____

Specific Conductivity _____

Water Temperature _____

Air Temperature _____

Dissolved Oxygen _____

Type: Spring _____ Stream _____ Well _____ Discharge _____ NFB/S _____

Collection Point _____

Appearance of Water: Clear _____ Milky _____ Cloudy _____ Opaline _____

Quality Sample Taken: Yes _____ No _____

Bar Reading _____

Comments Say, Michael - Pumped on surface

Field Monitor [Signature]

When Sample or Measurements Not Taken:

Reason: _____

D = Dry F = Frozen N/A = Not Accessable N/R = Not Required

E.I.S. Hydrology
Field Measurements Form

6-42
Station #

Date 11/26/90
Company Beaver Creek
Flow/Depth 0
pH 13.10
Sp. Cond. _____
W. Temp. _____
Air Temp. _____
Diss. O _____
Time _____

Type: Spring _____ Stream _____ Well _____ Discharge _____ NPDES _____

Collection Points: _____

Appearance of Water: Clear _____ Milky _____ Cloudy _____ Opaque _____

Weather: Clear _____ Part. Cloudy _____ Overcast _____ Rain _____ Snow _____

Quality Sample Taken: Yes _____ No _____

Comments _____

Field Monitor [Signature]

Pump Reading _____

When Sample or Measurements Not Taken:

Reason: _____

D = Dry F = Frozen N/A = Not Accessable N/R = Not Required

E. I. S. Hydrology
Field Measurements Form

3-4W
Station #

Date 12/17/90

Company Beaver Creek Pool

Flow/Depth Traversable

pH _____

Sp. Cond. _____

W. Temp. _____

Air Temp. _____

Diss. O _____

Time _____

Type: Spring _____ Stream _____ Well _____ Discharge _____ NPDES _____

Collection Point: _____

Appearance of Water: Clear _____ Milky _____ Cloudy _____ Opaque _____

Weather: Clear _____ Part. Cloudy _____ Overcast _____ Rain _____ Snow _____

Quality Sample Taken: Yes _____ No _____

Comments _____

Field Monitor [Signature]

Pump Reading _____

When Sample or Measurements Not Taken:

Reason: N/A

D = Dry F = Frozen N/A = Not Accessable N/R = Not Required

BEAVER CREEK Coal Company

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



October 26, 1989

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 Beaver Creek Coal Company's UPDES Permit Numbers UTG040003, UTG040004, and UTG040005. These were formally NPDES Permits UT-0023728, UT-0023124 and UT-0023949, respectively. Former permit numbers UT-0023116 and UT-0023060 have now been cancelled. These reports are on the preprinted DMRs provided by the State of Utah, and cover the third quarter of 1989.

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

Respectfully,

Dan W. Guy
Mgr. Permitting/Compliance

DWG/cr

Enclosures

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

BEAVER CREEK Coal Company

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



October 26, 1989

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

WM-C
~~WC-C~~

Dear Ms. Franklin:

Enclosed Please find Quarterly Discharge Monitoring Reports for Beaver Creek Coal Company's UPDES Permit Numbers UTG040003, UTC040004, and UTG040005. These were formally NPDES Permits UT-0023728, UT-0023124 and UT-0023949, respectively. Former permit numbers UT-0023116 and UT-0023060 have now been cancelled. These reports are on the preprinted DMRs provided by the State of Utah, and cover the third quarter of 1989.

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

Respectfully,

Dan W. Guy
Mgr. Permitting/Compliance

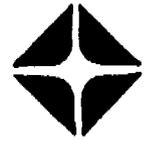
DWG/cr

Enclosures

File 4-E-2-1

BEAVER CREEK Coal Company

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



October 26, 1989

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 Beaver Creek Coal Company's UPDES Permit Numbers UTG040003, UTG040004, and UTG040005. These were formally NPDES Permits UT-0023728, UT-0023124 and UT-0023949, respectively. Former permit numbers UT-0023116 and UT-0023060 have now been cancelled. These reports are on the preprinted DMRs provided by the State of Utah, and cover the third quarter of 1989.

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

Respectfully,

Dan W. Guy
Mgr. Permitting/Compliance

DWG/cr

Enclosures

1990

SUBSIDENCE MONITORING REPORT

R.D.N. SURVEYING
1315 HIGHLAND COURT
BOULDER CITY, NEVADA 89005
(702)-293-4913

November 12, 1990

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

Dear Mr. Guy:

Enclosed are copies of field notes, coordinates, and elevations of the subsidence survey at the Gordon Creek No. 2, No. 3, No. 6, No. 7 and No. 8 mines.

During the course of the survey evidence of ground movement in the form of cracks was observed at two of the mine sites.

At the No. 3 and No. 6 Mine the cracks were located 415' +- northwest of subsidence point Sub-2. The cracks were running in the direction of N 39°11'17"E. The coordinates are listed below:

Point #1033	494,464.253	2,131,397.550
Point #1034	496,509.749	2,131,434.640

The cracks at the No. 7 Mine were located 490' +- northeast of control point "H". The direction of the cracks was N8°50'06"W. The coordinates are listed below:

Point #1029	492,711.861	2,120,645.950
Point #1030	492,827.987	2,120,627.900

I am also enclosing a list using your format for comparison of the elevations, latest change, and accumulated change.

If I can be of any further assistance, please do not hesitate to call.

Sincerely yours,
R.D.N. SURVEYING



Richard A. Ariotti, R.L.S.

SUBSIDENCE MONITORING
FOR
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	LATEST	ACC.
"D"	7577.760	7577.760	7577.760	7577.760	7577.760		-	-
"N"	7892.180	7892.180	7892.180	7892.180	7892.180		-	-
Sub-1	8269.400	8269.410	8269.412	8269.481	8269.423	8269.327	-0.096	-0.083
Sub-2	8107.430	8107.403	8107.412	8107.390	8107.334	8107.284	-0.050	-0.119
Sub-3	8502.610	8502.569	8502.566	8502.614	8502.736	8502.490	-0.246	-0.079
Sub-4	8308.580	8308.494	8308.534	8308.592	8308.575	8308.443	-0.132	-0.051
Sub-5	8512.470	8512.390	8512.383	8512.548	8512.414	8512.406	-0.008	0.016
Sub-6	8412.570	8412.530	8412.483	8412.714	8412.572	8412.549	-0.023	0.019

Job: BEAVER
 BEAVER CREEK SUBSIDENCE

BL RAA

Point	Quad	Direction	Distance	Northing	Easting	Elevation
-------	------	-----------	----------	----------	---------	-----------

1990 BEAVER CREEK NO. 3 & NO. 6 NINE SUBSIDENCE SURVEY

Start	98	"N"		495981.440	2133510.090	7892.180
RI	239	SW 81 22 12	2137.586	from Base Point	98	377.147
		SUB-1 1990		495660.691	2131395.705	8269.327
RI	240	NW 77 09 02	1740.430	from Base Point	98	215.104
		SUB-2 1990		496360.496	2131813.244	8107.284
RI	338	NW 64 08 48	3077.338	from Base Point	98	610.310
		SUB-3 1990		497323.374	2130740.754	8502.490
RI	237	NW 46 27 51	3245.774	from Base Point	98	416.263
		SUB-4 1990		498217.150	2131157.089	8300.443
RI	235	NW 56 14 35	3457.697	from Base Point	98	620.226
		SUB-5 1990		497902.784	2130635.355	8512.406
Exit Radial Inverse, resume at point	98	"N"		495981.440	2133510.090	7892.180

Start	236	SUB-5 1990		497902.784	2130635.355	8512.406
IN		NW 18 34 48	1333.234			-99.857
		SUB-6 1990 SEC. COR.		499166.531	2130210.550	8412.549

1990 .

MODIFICATIONS / AMENDMENTS



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Haugert

Governor

Dee C. Hansen

Executive Director

Dianne K. 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.

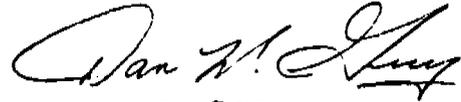
The additional fencing has been requested by the property owner, Mr. Calvin Jacob, to provide stock access through the site without getting on the reclaimed area. Beaver Creek has agreed to install the fence upon your approval.

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,



Dan W. Guy
Mgr. Permitting/Compliance

cc: Calvin Jacob
Johnny Coffey
File

1990

VEGETATION DATA