

**2001 ANNUAL REPORT
TO THE
UTAH DIVISION OF OIL, GAS AND MINING**

**BANNING LOADOUT
C/007/034**

Canyon Fuel Company, LLC
P.O. Box 1029
Wellington, UT 84542

File in:
 Confidential
 Shelf
 Expandable
Refer to Record No 0003 Date 03/11/2002
In CI C/007/034/2002 Wellington
For additional information



Canyon Fuel Company, LLC
 Soldier Canyon Mine
 P.O. Box 1029
 Wellington, Utah 84542
 (435) 637-6360 Fax: (435) 637-0108

COPY

Incoming
C/007/039

copy
✓ C/007/034
C/007/018

OK

March 11, 2001

Ms. Pamela Grubaugh-Littig
 Utah Coal Regulatory Program
 Utah Division of Oil, Gas and Mining
 1594 West North Temple, Suite 1210
 Salt Lake City, UT 84114-5801

RE: 2001 Annual Reports for Dugout Canyon Mine, C/007/039; Soldier Canyon Mine, C/007/018;
 and Banning Loadout, C/007/034

Dear Ms. Pamela Grubaugh-Littig,

Enclosed please find two copies of the Annual Reports for 2001 for the Dugout Canyon Mine, Soldier Canyon Mine, and Banning Loadout.

Should you have any questions concerning this submittal, either contact myself at (435) 636-2869 or Chris Hansen at (435) 448-2669.

Sincerely yours,

Vicky S. Miller

enclosures

cc: Chris Hansen (letter only)
 Dave Spillman (enclosures)
 Central Files (enclosures)

File in:
 C/0070034 2002 *Incoming*
 Refer to:
 Confidential
 Shelf
 Expandable
 Date *03/10/02* for additional information

RECEIVED

MAR 13 2002

DIVISION OF
 OIL, GAS AND MINING

To enter text, click in the box and type your response. If a box already contains an entry select the entry and type the replacement. You can use the **tab** key to move from one field to the next. To select a check box, click in the box or type an **x**.

GENERAL INFORMATION

Permitte Name	Canyon Fuel Company, LLC
Mine Name	Banning Loadout
Operator Name (If other then permittee)	
Permit Expiration Date	October 24, 2003
Permit Number	C/007/034
Authorized Representative Title	Rick Olsen, General Manager
Phone Number	(435) 637-6360
Fax Number	(435) 636-2897
E-mail Address	
Mailing Address	P.O. 1029, Wellington, Utah 84542
Resident Agent	C.T. Corporation Systems
Resident Agent Mailing Address	50 West Broadway, Salt Lake City, Utah 84104
Number of Binders Submitted	(2) Two

IDENTIFICATION OF OTHER PERMITS

Identify other permits that are required in conjunction with mining and reclamation activities.

Permit Type	ID Number	Description	Expiration Date
MSHA Mine ID(s)	42-01756		N/A
MSHA Impoundment(s)	N/A		
NPDES/UPDES Permit(s)	UTG 040011	UPDES Discharge Permit	April 30, 2003
PSD Permit(s) (Air)	DAQE-334-94	Air Quality Permit	N/A
Other			
Storm Water Permit	UTR000572	Storm Water Discharge Permit	December 1, 2006

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 MAR 13 2002
 DIV OF OIL GAS & MINING

CERTIFIED REPORTS

List the certified inspection reports as required by the rules and under the approved plan that must be periodically submitted to the Division. Specify whether the information is included as Appendix A to this report or currently on file with the Division.

Certified Reports:	Required		Included or on file with DOGM		Comments
	Yes	No	Included	On File	
Excess Spoil Piles	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Refuse Piles	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

REPORTING OF OTHER TECHNICAL DATA

List other technical data and information as required under the approved plan, which must be periodically submitted to the Division. Specify whether the information is included as Appendix B to this report or currently on file with the Division.

Technical Data:	Required		Included or on file with DOGM		Comments
	Yes	No	Included	On file	
Climatological	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not Required
Subsidence Monitoring	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not Required
Vegetation Monitoring	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not Required
Raptor Survey	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not Required
Soils Monitoring	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not Required
Water Monitoring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
First quarter	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Second quarter	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Third quarter	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Fourth quarter	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Geological / Geophysical	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not Required
Engineering	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not Required
Other Data	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

LEGAL, FINANCIAL, COMPLIANCE AND RELATED INFORMATION

Change in administration or corporate structure can often bring about necessary changes to information found in the mining and reclamation plan. The Division is Requesting that each permittee review and update the legal, financial, compliance and related information in the plan as part of the annual report. Provide the department of Commerce, annual Report of Officers, or other equivalent information as necessary to ensure that the information provided in the plan is current. Provide any other change as necessary

APPENDIX A

Certified Reports

Excess Spoil Piles
Refuse Piles
Impoundments

As required under R645-301-514

Certified Impoundment Report

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Permit Number	ACT/007/034	Report Date	1/08/01
Mine Name	Banning Loadout		
Company Name	Canyon Fuel Company, LLC		
Impoundment Identification	Impoundment Name	Banning Loadout Sedimentation Pond	
	Impoundment Number	None	
	UPDES Permit Number	UTG040011	
	MSHA ID Number	Impoundment -None (Loadout - 42-01756)	

IMPOUNDMENT INSPECTION

Inspection Date	1/08/01
Inspected By	James Byars
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Routine Quarterly Inspection

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

There were no signs of instability, structural weakness or other hazardous conditions observed during this inspection.

Required for an impoundment which functions as a **SEDIMENTATION POND.**

2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.

*Sediment Storage Capacity - 100% = 0.27 acre-feet @ an elevation of 5,487.8 feet
 - 60% = 0.16 acre-feet @ an elevation of 5,486.6 feet
 The existing sediment level was observed to be well below the established sediment cleanout marker*

3. Principle and emergency spillway elevations.

*Principal Spillway Elevation - 5,494.2 feet
 Emergency Spillway Elevation - 5,495.1 feet*

4. **Field Information.** Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on out slopes of embankments, etc.

*At the time of this inspection the bottom of the pond was mud and a slight amount of snow. (no impounded water).
 To date there has been no discharge from this pond.*

5. Field Evaluation. Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

Qualification Statement

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature: _____

[Handwritten Signature]
 DAS 1/9/01

Date: _____

1-8-01

CERTIFIED REPORT

IMPOUNDMENT EVALUATION (If NO, explain under Comments)

	YES	NO
1. Is impoundment designed and constructed in accordance with the approved plan?		
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?		
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?		

COMMENTS AND OTHER INFORMATION

Certification Statement:

[PE Cert. Stamp]

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: _____

(Full Name and Title)

Signature: _____

Date: _____

P.E. Number & State: _____

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT	Page 1 of 2
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Permit Number	ACT/007/034	Report Date	4-3-01
Mine Name	Banning Loadout		
Company Name	Canyon Fuel Company, LLC		
Impoundment Identification	Impoundment Name	Banning Loadout Sedimentation Pond	
	Impoundment Number	None	
	UPDES Permit Number	UTG040011	
	MSHA ID Number	Impoundment - None (Loadout - 42-01756)	

IMPOUNDMENT INSPECTION

Inspection Date	4-3-01		
Inspected By	James Byars		
Reason for Inspection <small>(Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)</small>	Routine Quarterly Inspection		

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

There were no signs of instability, structural weakness or other hazardous conditions observed during this inspection.

Required for an impoundment which functions as a SEDIMENTATION POND.	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p><i>Sediment Storage Capacity - 100% = 0.27 acre-feet @ an elevation of 5,487.8 feet</i> <i>- 60% = 0.16 acre-feet @ an elevation of 5,486.6 feet</i></p> <p>3. Principle and emergency spillway elevations.</p> <p><i>Principal Spillway Elevation - 5,494.2 feet</i> <i>Emergency Spillway Elevation - 5,495.1 feet</i></p>
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4. Field Information. Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanup, pond decanting, embankment erosion/repairs, monitoring information, vegetation on out slopes of embankments, etc.

Cleaned out silt in outlet of primary spillway to prevent backup. No discharge during 2001 first ~~and second~~ quarter.

*PHH
4/4/01*

5. Field Evaluation. Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

Pond is dry, Sediment level seems to be approx. eight feet below primary spillway.

Qualification Statement

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature: _____



Date: 4-3-01

CERTIFIED REPORT

IMPOUNDMENT EVALUATION (If NO, explain under Comments)

	YES	NO
1. Is impoundment designed and constructed in accordance with the approved plan?	X	
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?	X	
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?	X	

COMMENTS AND OTHER INFORMATION

Certification Statement:

[PE Cert. Stamp]

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: David G. Spillman, Technical Services Manager
(Full Name and Title)

Signature: _____ Date: xx/xx/xx

P.E. Number & State: No. 151610, State of Utah

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Page 1 of 2
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Permit Number	ACT/007/034	Report Date	09/07/01
Mine Name	Banning Loadout		
Company Name	Canyon Fuel Company, LLC		
Impoundment Identification	Impoundment Name	Banning Loadout Sedimentation Pond	
	Impoundment Number	None	
	UPDES Permit Number	UTG040011	
	MSHA ID Number	Impoundment -None (Loadout - 42-01756)	

IMPOUNDMENT INSPECTION

Inspection Date	08/21/01		
Inspected By	David G. Spillman		
Reason for Inspection <small>(Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)</small>	Routine Quarterly Inspection & Annual Certification		

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

There were no signs of instability, structural weakness or other hazardous conditions observed during this inspection.

<p>Required for an impoundment which functions as a SEDIMENTATION POND.</p>	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p><i>Sediment Storage Capacity - 100% = 0.27 acre-feet @ an elevation of 5,487.8 feet</i> <i>- 60% = 0.16 acre-feet @ an elevation of 5,486.6 feet</i></p> <p><i>The existing sediment level was observed to be well below the established sediment cleanout marker.</i></p>
	<p>3. Principle and emergency spillway elevations.</p> <p><i>Principal Spillway Elevation - 5,494.2 feet</i> <i>Emergency Spillway Elevation - 5,495.1 feet</i></p>

4. Field Information. Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on out slopes of embankments, etc.

At the time of the inspection the pond was dry.

To date, there has been no discharge from this pond.

5. Field Evaluation. Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

Qualification Statement

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature: _____ Date: _____

CERTIFIED REPORT

IMPOUNDMENT EVALUATION (if NO, explain under Comments)

	YES	NO
1. Is impoundment designed and constructed in accordance with the approved plan?	X	
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?	X	
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?	X	

COMMENTS AND OTHER INFORMATION

Certification Statement:

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

[PE Cert. Stamp]



By: David G. Spillman, Technical Services Manager
(Full Name and Title)

Signature: David G. Spillman Date: 09/07/01

P.E. Number & State: No. 151610, State of Utah

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Permit Number	ACT/007/034	Report Date	12/02/01
Mine Name	Banning Loadout		
Company Name	Caryon Fuel Company, LLC		
Impoundment Identification	Impoundment Name	Banning Loadout Sedimentation Pond	
	Impoundment Number	None	
	UPDES Permit Number	UTG040011	
	MSHA ID Number	Impoundment -None (Loadout - 42-01756)	

IMPOUNDMENT INSPECTION

Inspection Date	11/20/01		
Inspected By	David G. Spillman & Vicky Miller		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Routine Quarterly Inspection & Annual Certification		

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

There were no signs of instability, structural weakness or other hazardous conditions observed during this inspection.

Required for an impoundment which functions as a SEDIMENTATION POND.

2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.

*Sediment Storage Capacity - 100% = 0.27 acre-feet @ an elevation of 5,487.8 feet
 - 60% = 0.16 acre-feet @ an elevation of 5,486.6 feet*

The existing sediment level was observed to be well below the established sediment cleanout marker.

3. Principle and emergency spillway elevations.

*Principal Spillway Elevation - 5,494.2 feet
 Emergency Spillway Elevation - 5,495.1 feet*

4. Field Information. Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on out slopes of embankments, etc.

At the time of the inspection the pond was dry.

To date, there has been no discharge from this pond.

5. **Field Evaluation.** Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

Qualification Statement

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature: _____ Date: _____

CERTIFIED REPORT

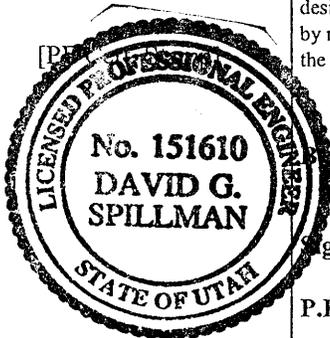
IMPOUNDMENT EVALUATION (if NO, explain under Comments)	YES	NO
1. Is impoundment designed and constructed in accordance with the approved plan?	X	
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?	X	
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?	X	

COMMENTS AND OTHER INFORMATION

Vicky Miller, (recently hired to assist the CFC environmental staff), participated in this inspection. She was properly trained to inspect this impoundment for signs of instability, structural weakness or other hazardous conditions. Therefore, Vicky Miller is hereby authorized to conduct future quarterly inspections of the Banning Loadout Sedimentation Pond.

Certification Statement:

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.



Full Name and Title) *David G. Spillman, Technical Services Manager*

Signature: *David G. Spillman* Date: *12/02/01*

P.E. Number & State: *No. 151610, State of Utah*

APPENDIX B

Reporting of Technical Data

Including monitoring data, reports, maps, and other information
As required under the approved plan or as required by the Division

In accordance with the requirement of R645-310-130 and R645-301-140

APPENDIX C

Legal Financial, Compliance and Related Information

Annual Report of Officers
As submitted to the Utah Department of Commerce

Other change in ownership and control information
As required under R645-301-110

Report of Officers and Directors

Officers and Directors

This section identifies those persons who own or control Canyon Fuel Company, LLC. Canyon Fuel Company, LLC, is a Delaware limited liability company with two members; Arch Western Resources, LLC holding 65% interest, and ITOCHU Coal International Inc. holding 35% interest.

Arch Western Resources, LLC, is owned 99% by Arch Western Acquisition Corporation, a wholly owned subsidiary of Arch Coal, Inc., and 1% by Delta Housing, Inc., a wholly owned subsidiary of Atlantic Richfield Company.

ITOCHU Coal International Inc. is a wholly owned subsidiary of ITOCHU Corporation, a Japanese corporation.

ADDRESSES:

Arch Western Resources, LLC
City Place One, Suite 300
St. Louis, MO 63141

Arch Western Acquisition Corporation
City Place One, Suite 300
St. Louis, MO 63141

Arch Coal, Inc.
City Place One, Suite 300
St. Louis, MO 63141

Delta Housing, Inc.
515 South Flower Street
Los Angeles, CA 90071

Atlantic Richfield Company
515 South Flower Street
Los Angeles, CA 90071

ITOCHU Coal International Inc.
555 17th Street, Suite 845
Denver, Colorado 80202

ITOCHU Corporation, 5-1
Kita-Aoyama 2-Chome
Minato-ku, Tokyo 107-77, Japan

The following lists describe the officers and directors of Canyon Fuel Company, LLC, Arch Western Resources, LLC, Arch Acquisition Corporation, Arch Coal, Inc., ITOCHU Corporation, and ITOCHU Coal International Inc. The addresses for the officers, directors, representatives to the management board listed are the same as those of the respective business entities as listed above, for which the individuals are officers, directors or representatives.

Robert G. Jones
SSN: : 159-42-6795
Effective : 03/08/2000

Vice President, General Counsel and Assistant Secretary

Janet L. Hogan
SSN: : 488-70-4479
Effective : 10/11/2000

Secretary

William H. Rose
SSN: : 330-32-8813
Effective : 06/01/1998

Assistant Secretary

ARCH COAL, INC.:

Directors:

James R. Boyd
SSN : 406-62-6090
Effective : 01/01/1990

Director

Frank M. Burke
SSN : 462-56-2356
Effective : 12/01/2000

Director

Robert L. Hintz
SSN : 345-22-6559
Effective : 06/30/1997

Director

Douglas H. Hunt
SSN : 459-76-6490
Effective : 04/04/1995

Director

Steven F. Leer
SSN : 553-82-9271
Effective : 02/11/1992

Director

James L. Parker
SSN : 458-60-9109
Effective : 04/04/1995

Director

A. Michael Perry
SSN : 236-68-7868
Effective : 09/28/1998

Director

Ignacio Dominguez Urquijo
SSN : Not Applicable
Effective : 12/11/1998

Director

Robert W. Shanks

SSN : 513-58-7457

Effective : 07/01/1997

Vice President - Operations

Larry R. Brown

SSN : 400-68-3637

Effective : 07/01/1997

Vice President and Chief Information Officer

William H. Rose

SSN : 330-32-8813

Effective : 04/22/1998

Vice President - Tax Planning

Brad Allbritten

SSN : 445-62-5469

Effective : 02/24/2000

Vice President - Human Resources

Deck S. Slone

SSN : 401-13-1102

Effective : 04/27/2001

Vice President - Investor and Public Relations

James E. Florczak

SSN : 384-50-2723

Effective : 08/17/1998

Treasurer

Janet L. Hogan

SSN : 488-70-4479

Effective : 10/16/2000

Assistant Secretary and Counsel

Charles David Steele

SSN : 236-88-4831

Effective : 06/22/1998

Internal Auditor

John Lorson

SSN : 499-66-4760

Effective : 04/09/1999

Controller

Arch Western Resources, LLC,:

Officers:

Robert W. Shanks

SSN : 513-58-7457

Effective : 06/02/1998

President

David B. Peugh

SSN : 476-66-6495

Effective : 03/17/1998

Vice President

Robert G. Jones Vice President and Assistant Secretary

SSN : 159-42-6795

Effective : 03/14/2001

Janet L. Hogan Secretary

SSN : 488-70-4479

Effective : 10/16/2000

William H. Rose Assistant Secretary

SSN : 330-32-8813

Effective : 03/17/1998

James E. Florczak Treasurer

SSN : 384-50-2723

Effective : 09/15/1998

Arch Western Acquisition Corporation:

Officers:

Robert G. Jones President

SSN : 159-42-6795

Effective : 03/01/2000

David B. Peugh Vice President

SSN : 476-66-6495

Effective : 05/07/1998

James E. Florczak Treasurer

SSN : 384-50-2723

Effective : 09/15/1998

Janet L. Hogan Secretary

SSN : 488-70-4479

Effective : 10/16/2000

William H. Rose Assistant Secretary

SSN : 330-32-8813

Effective : 05/07/1998

Directors:

David B. Peugh Director

SSN : 476-66-6495

Effective : 05/07/1998

Sumitaka Fujita	Executive Vice President	April 2001
Mitsuaki Fukuda	Sr. Managing Director	April 2000
Akira Yokota	Sr. Managing Director	April 2001
Masaya Takei	Managing Director	April 2000
Kiyomi Yamada	Managing Director	April 2001
Motonori Toyota	Managing Director	June 2001

ITOCHU COAL INTERNATIONAL INC.

Masayoshi Araya	Chairman of the Board
SSN : 651-03-7857	
Effective : Dec. 1999	
Yuzo Hirono	President and Chief Executive Officer
SSN : 055-50-7154	
Effective: : Dec. 1999	
Tsutomu Niwa	Chief Financial Officer
SSN : Not Applicable	
Effective : June 1996	
Dietz Fry	Vice President, Finance and Administration
SSN : 099-38-7692	
Effective : March 1997	
Yutaka Nakazawa	Vice President Commercial and Secretary
SSN : 086-90-2054	
Effective : Dec. 1996	
Hiroshi Akiba	Assistant Secretary
SSN : Not Applicable	
Effective : Feb. 2000	

APPENDIX D

Mine Maps

As required under R645-302-525-270

APPENDIX E

Other Information

In accordance with the requirements of R645-301 and R645-302