1999 ANNUAL REPORT			

GENERAL INFORMATION

1. **Permit Number**	ACT/007/018
2. Mine Name	Soldier Canyon Mine
3. Permittee Name	Canyon Fuel Company, LLC
4. Operator Name (if other than Permittee)	
5. Permit Expiration Date	February 3, 2002
6. Company Representative, Title	Rick Olsen, General Manager
7. Phone Number	(435) 637-6360
8. Fax Number	(435) 637-0108
9. Mailing Address	Soldier Canyon Mine
	P.O. Box 1029
	Wellington, UT 84542
10. Resident Agent, Title	C.T. Corporation Systems
Mailing Address	50 West Broadway
	Salt Lake City, UT 84104

IDENTIFICATION OF OTHER PERMITS

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

Permit Type	ID Number	Description	Expires on
1. MSHA Mine ID(s)	42-00077		
2. MSHA Impoundment(s)			
3. NPDES/UPDES Permit(s) (water)	UT0023680	Utah Pollutant Discharge Elimination System	March 31, 2001
4. PSD (Air) Permit(s)	DAQE-334-94		
5.			
6.			

File in:
☐ Confidential
☐ Shelf
☒ Expandable
Refer to Record No 0005 Date 03152000
In C0070018.2000 Incoming
For additional information

0005

Canyon Fuel Company, LLC
Soldier / Dugout Canyon Mines
P.O. Box 1029
Wellington, Utah 84542
435/637-6360 Fax: 435/637-0108

COPY

RECEIVED
[illegible] 2000
DIVISION OF
OIL, GAS AND MINING

March 15, 2000

Utah Coal Regulatory Program
Attn: Mary Ann Wright
Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Re: Submittal of the 1999 Annual Reports
Dugout Canyon Mine, ACT/007/039
Soldier Canyon Mine, ACT/007/018 Incoming
Banning Loadout, ACT/007/034 Incoming

Dear Ms. Wright:

Enclosed please find two copies of the 1999 annual reports for the Dugout Canyon Mine, Soldier Canyon Mine and Banning Loadout.

Should you have any questions concerning this submittal, please contact Dave Spillman at (435) 636-2872 or Chris Hansen at (435) 448-2669.

Sincerely,

David G. Spillman
for
R. W. Olsen
General Manager

enclosures

cc: Chris Hansen, Skyline
Central Files

File in:
C/0070018.2000, Incoming
Refer to:
☐ Confidential
☐ Shelf
☒ Expandable
Date 03/15/00 for additional information

000309L.doc

CERTIFIED REPORTS

List the certified inspection reports as required by the rules and under the approved plan which must be periodically submitted to the Division. Specify whether the information is included as APPENDIX A to this Annual Report or currently ON FILE with the Division.

Certified Reports:	Reports Required?		INCLUDED or ON FILE w/DOGM?			Comments
	YES	NO	YES	NO	ON FILE	
1. Excess Spoil Piles		X		X		
2. Refuse Piles		X		X		
3. Impoundments	X		X			Quarterly Pond - Inspections (see Appendix - A)
4.						
5.						

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 Annual Report or currently ON FILE with the Division.

Technical Data:	Reports Required?		INCLUDED or ON FILE w/DOGM?			Comments
	YES	NO	YES	NO	ON FILE	
1. Climatological Data		X		X		
2. Subsidence Monitoring Data	X		X			1999 Subsidence Monitoring Survey (see Appendix - B)
3. Vegetation Monitoring Data		X		X		
4. Soils Monitoring Data		X		X		
5. Water Monitoring Data	X				X	
First Quarter Report	X				X	
Second Quarter Report	X				X	
Third Quarter Report	X				X	
Fourth Quarter Report	X				X	
6. Geological/Geophysical Data		X		X		
7. Engineering Data		X		X		
8. Other Data						
Mine Water Discharge	X				X	No mine water was discharged during 1999.
1999 Raptor Survey		X		X		No raptor survey was made during 1999.

1999 ANNUAL REPORT						
Air Quality Monitoring		X		X		

LEGAL, FINANCIAL, COMPLIANCE AND RELATED INFORMATION

Changes 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 changes as necessary regarding land ownership, lease acquisitions, legal results from appeals of violations, or other changes as necessary to update information required in the mining and reclamation plan. Include any certified financial statements, audits or worksheets which may be required to meet bonding requirements. Specify whether the information is currently ON FILE with the Division or included as APPENDIX C to this Annual Report.

Legal/Financial Data:	Report Required?		INCLUDED or ON FILE w/DOGM?			Comments
	YES	NO	YES	NO	ON FILE	
1. Department of Commerce, Annual Report of Officers		X			X	Chapter 1 of the MRP was resubmitted in 1998
2. Other						

MINE MAPS

Copies of mine maps, current and up-to-date through at least December 31, 1999, are to be provided to the Division as APPENDIX D to this Annual Report in accordance with the requirements of R645-301-525.270. These map copies shall be made in accordance with 30 CFR 75.1200, as required by MSHA. Upon request, mine maps shall be kept confidential by the Division.

Map Number(s)	Map Title / Description	Confidential?
	No active mining occurred during 1999 and the mine was temporarily sealed. Notification of sealing was submitted to DOGM on June 18, 1999.	

OTHER INFORMATION

Please provide any comments or further information to be included as part of the Annual Report. Any other attachments are to be provided as APPENDIX E to this Annual Report.

Additional attachments to this report? ☒ No ☐ Yes

APPENDIX A

Certified Reports

Excess Spoil Piles
Refuse Piles
Impoundments

as required under R645-301-514

CONTENTS

Quarterly Pond Inspections (Mine Sedimentation Pond & Sewage Lagoon)

QUARTERLY POND INSPECTION

POND BEING INSPECTED: Mine Sedimentation Pond

DATE OF INSPECTION: March 15, 1999

PERSON(S) MAKING INSPECTION: Steve Nye

ANY STRUCTURAL WEAKNESS, EROSION AND OTHER HAZARDOUS CONDITIONS NOTED: None

ANY ROUTINE MAINTENANCE REQUIRED: None

COMMENTS: The water level at the time of inspection was approximately two and one half feet below the manual decant.

APPROVAL: [signature] DATE: 3/24/99

QUARTERLY POND INSPECTION

POND BEING INSPECTED: Mine Sedimentation Pond

DATE OF INSPECTION: June 24, 1999

PERSON(S) MAKING INSPECTION: Steve Nye

ANY STRUCTURAL WEAKNESS, EROSION AND OTHER HAZARDOUS CONDITIONS NOTED: None

ANY ROUTINE MAINTENANCE REQUIRED: None

COMMENTS: The pond is nearly dry. There is no water directly under the decant pipe .

APPROVAL: [illegible] DATE: 6/24/99

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

I, David G. Spillman, do certify that on September 11, 1999, I personally inspected the sedimentation pond associated with the Soldier Canyon Mine. The observations made during this inspection are as follows:

1. The sedimentation pond has been basically constructed and maintained as designed. This is in accordance with the approved plan and R645-301-533.

2. Any discharge from this impoundment is monitored in accordance with UPDES Permit No. UT-0023680.

3. The overflow elevation is 6,649.5 feet and the total capacity is 3.3 acre-feet.

4. The water impounded at the time of the inspection was estimated to be approximately 4.0 feet below the decant elevation.

5. No fires have occurred in the construction material.

6. The sedimentation pond appeared to be sound with no signs of instability or hazardous conditions.

D. G. Spillman 9/13/99

David G. Spillman
Registered Professional Engineer
Utah Registration No. 151610

LICENSED PROFESSIONAL ENGINEER
No. 151610
DAVID G.
SPILLMAN
STATE OF UTAH

f:\user\spild\wp\SCMpond.doc

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

QUARTERLY POND INSPECTION

POND BEING INSPECTED: Mine Sedimentation Pond

DATE OF INSPECTION: December 16 1999

PERSON(S) MAKING INSPECTION: Steve Nye

ANY STRUCTURAL WEAKNESS, EROSION AND OTHER HAZARDOUS CONDITIONS NOTED: None

ANY ROUTINE MAINTENANCE REQUIRED: None

COMMENTS: The pond is frozen and appears to be about empty.
The water level is approximately 3 to 4 feet below decant pipe .

APPROVAL: [signature] DATE: 12/16/99

QUARTERLY POND INSPECTION

POND BEING INSPECTED: Sewage Lagoon

DATE OF INSPECTION: March 15, 1999

PERSON(S) MAKING INSPECTION: Steve Nye

ANY STRUCTURAL WEAKNESS, EROSION AND OTHER HAZARDOUS CONDITIONS NOTED: None

ANY ROUTINE MAINTENANCE REQUIRED: Vegetation is dormant.

COMMENTS: Cells are free of ice. Water levels are approximately 3 feet below the manual decant.

APPROVAL: [illegible] DATE: 3/24/99

QUARTERLY POND INSPECTION

POND BEING INSPECTED: Sewage Lagoon

DATE OF INSPECTION: June 24 1999

PERSON(S) MAKING INSPECTION: Steve Nye

ANY STRUCTURAL WEAKNESS, EROSION AND OTHER HAZARDOUS CONDITIONS NOTED: None

ANY ROUTINE MAINTENANCE REQUIRED: Majority of vegetation is dormant. An attempt will be made next quarter to spray and remove vegetation from inside slopes and crest.

COMMENTS: Water levels are approximately 3 feet below the manual decant.

APPROVAL: [illegible] DATE: 6/24/99

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

I, David G. Spillman, do certify that on September 11, 1999, I personally inspected the sewage lagoon associated with the Soldier Canyon Mine. The observations made during this inspection are as follows:

1. The sewage lagoon has been basically constructed and maintained as designed. This is in accordance with the approved plan and R645-301-533.

2. The sewage lagoon is designed for total containment and has never discharged.

3. The total capacity of the sewage lagoon is 2.1 acre-feet.

4. The water impounded at the time of the inspection was estimated to be approximately 4 feet deep in both cells.

5. No fires have occurred in the construction material.

6. The sewage lagoon appeared to be sound with no signs of instability or hazardous conditions.

D. G. Spillman 9/13/99

David G. Spillman
Registered Professional Engineer
Utah Registration No. 151610

LICENSED PROFESSIONAL ENGINEER
No. 151610
DAVID G.
SPILLMAN
STATE OF UTAH

Lagoon.doc

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

QUARTERLY POND INSPECTION

POND BEING INSPECTED: Sewage Lagoon

DATE OF INSPECTION: December 16 1999

PERSON(S) MAKING INSPECTION: Steve Nye

ANY STRUCTURAL WEAKNESS, EROSION AND OTHER HAZARDOUS CONDITIONS NOTED: None

ANY ROUTINE MAINTENANCE REQUIRED: Majority of vegetation is dormant. Ponds are frozen.

COMMENTS: Water levels are approximately 3 feet below the manual decant.

APPROVAL: [signature] DATE: 12/16/99

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 requirements of R645-301-130 and R645-301-140.

CONTENTS

1999 Subsidence Monitoring Survey

APPENDIX C

Legal, Financial, Compliance and Related Information

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

and other changes in ownership and control information
as required under R645-301-110.

CONTENTS

~~None~~

Data Sheet Report **March 24, 2000**

Canyon Fuel Company, LLC

Status:	Active
Formation:	Delaware
Federal ID #:	87-0567183

Primary Address
CityPlace One
Suite 300
St. Louis, MO 63141

Registered Address
The Corporation Trust Company
Corporation Trust Center
1209 Orange Street
Wilmington, DE

DIRECTORS

	Title
Yuzo Hirono	Director
Steven F. Leer	Director
Robert W. Shanks	Director
Akio Shigetomi	Director

OFFICERS

	Title
Richard D. Pick	President, Chief Executive Officer and General Manager
John W. Eaves	Vice President - Marketing
James E. Florczak	Vice President - Finance
William H. Rose	Assistant Secretary
Rosemary L. Klein	Secretary

INCORPORATION/QUALIFICATIONS

Jurisdiction	**Inc/Qual**	**Tax ID No.**	**Duration**
Delaware	Formation		

John W. Lorson	Controller
Rosemary L. Klein	Secretary
Charles David Steele	Internal Auditor

DIRECT SUBSIDIARIES

	Incorp/Formed in
Arch Australia Pty Limited	New South Wales, Australia
Arch Energy Resources, Inc.	Delaware
Arch Reclamation Services, Inc.	Delaware
Arch Western Acquisition Corporation	Delaware
Ark Land Company	Delaware
Allegheny Land Company	Delaware
Apogee Coal Company	Delaware
Arch Coal International, Ltd.	Barbados
Arch Coal Sales Company, Inc.	Delaware
Arch Coal Terminal, Inc.	Delaware
Ashland Terminal, Inc.	Delaware
Catenary Coal Holdings, Inc.	Delaware
Coal-Mac, Inc.	Kentucky
Energy Development Co.	Iowa
Mingo Logan Coal Company	Delaware
Mountain Gem Land, Inc.	West Virginia
Mountain Mining, Inc.	Delaware
Mountaineer Land Company	Delaware
P. C. Holding, Inc.	Delaware
Paint Creek Terminals, Inc.	Delaware

INCORPORATION/QUALIFICATIONS

Jurisdiction	**Inc/Qual**
Delaware	Incorporation
Alabama	Qualification
Colorado	Qualification
Illinois	Qualification
Kentucky	Qualification
Missouri	Qualification
Montana	Qualification
New Mexico	Qualification
Virginia	Qualification
West Virginia	Qualification
Wyoming	Qualification

Data Sheet Report **March 1, 2000**

Arch Coal, Inc.

Status:	Active
Incorporation:	Delaware
Entity Type:	Corporation
Federal ID #:	43-0921172

Primary Address
CityPlace One
Suite 300
St. Louis, MO 63141-7056

Registered Address
The Corporation Trust Company
Corporation Trust Center
1209 Orange Street
Wilmington, DE 19801

Former Name (s)	From Date	Through Date
Arch Mineral Corporation	June 20, 1969	June 30, 1997

Comment: Changed name to Arch Coal, Inc. upon merger with Ashland Coal, Inc.

DIRECTORS

	Title
Philip W. Block	Director
James R. Boyd	Director
Paul W. Chellgren	Director
Thomas L. Feazell	Director
Robert L. Hintz	Director
Douglas H. Hunt	Director
Steven F. Leer	Director
James L. Parker	Director
A. Michael Perry	Director
J. Marvin Quin	Director
Theodore D. Sands	Director
Ignacio Dominguez Urquijo	Director

OFFICERS

	Title
James R. Boyd	Chairman of the Board
Steven F. Leer	President & Chief Executive Officer
Kenneth G. Woodring	Executive Vice President - Mining Operations
John W. Eaves	Senior Vice President - Marketing
C. Henry Besten, Jr.	Vice President - Strategic Marketing
Robert W. Shanks	Vice President - Operations
David B. Peugh	Vice President - Business Development
Terry O'Connor	Vice President - External Affairs
Larry R. Brown	Vice President & Chief Information Officer
William H. Rose	Vice President - Tax Planning
Bradley M. Allbritten	Vice President - Human Resources
Robert G. Jones	Vice President - Law, General Counsel and Assistant Secretary
James E. Florczak	Treasurer

CANYON FUEL COMPANY

Soldier Canyon Mine

1999 Subsidence Monitoring Survey

Point #	Description	Year est.	1998		1999		Original	1999	Differences		delta Elev
			Northing	Easting	Northing	Easting	Elevation	Elevation	delta North	delta East	(1998-Original)
112	112-SS	1980	100,663.72	44,629.75	100,663.64	44,629.65	7,691.43	7,691.74	0.09	0.10	0.31
113	113-SS	1980	102,787.48	44,217.03	102,786.99	44,217.07	7,755.71	7,755.10	0.49	-0.04	-0.61
921	92-1SS	1992	103,218.20	43,526.54	103,218.02	43,526.49	7,816.70	7,816.42	0.18	0.06	-0.28
931	93-1SS	1993	101,962.11	44,207.43	101,961.91	44,207.35	7,734.21	7,732.68	0.20	0.08	-1.53
932	93-2SS	1993	101,119.76	44,511.96	101,119.59	44,511.97	7,739.36	7,739.47	0.18	-0.01	0.11
974	97-4	1997	103,381.66	41,918.24	103,381.51	41,918.39	7,705.47	7,705.36	0.14	-0.14	-0.11
975	97-5	1997	103,648.60	41,370.94	103,648.48	41,370.91	8,003.01	8,002.97	0.11	0.02	-0.04

NOTES

-Visual checks for subsidence were made during this survey and evidence of subsidence was not detected.

-All subsidence points were surveyed July 9, 1999

-This ground survey was done using standard trigonometric surveying techniques with:

Sokkisha Set 3-total station

Lietz SDR22-data collector

-No subsidence was detected to cause any mitigative action.

-No changes have been done to the monitoring plan due to economic conditions or technical advancements in subsidence monitoring.