

March 2, 2017

Permit Supervisor, Utah Coal Regulatory Program
Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, UT 84114-5801

Re: Amendment to MRP to Update Legal Information in Chapter 1 Associated with Permit Renewal, Sufco Mine, Canyon Fuel Company, LLC, Permit Number C/041/0002

Dear Sirs:

Please find enclosed with this letter an amendment to the Sufco Mine Permit to address modifications to the permit to adjust the information in Chapter 1 to match the Legal Notice for permit renewal to be published during the month of March. The text and table of contents in chapter 1 have been revised to reflect the corrected mining area, permit area and disturbed area. In addition Plate/Map 5-6 has been updated to match the description in Chapter 1 and in the legal notice used for permit renewal.

The deficiencies associated with the amendment for the mitigation of the 2RWL will follow shortly and will include the same Plate/Map5-6, thus the location for the sinkhole appears on the version of Map 5-6 included in this amendment and the acreage has been included in the Chapter 1 text.

Should you have questions or require additional information, do not hesitate to contact Vicky Miller at (435) 286-4481 or by e-mail at vmiller@bowieresources.com.

CANYON FUEL COMPANY, SUFCO Mine


for

John Byars
General Manager

Encl.

cc: DOGM Correspondence File

RECEIVED

MAR 06 2017

DIV. OF OIL, GAS & MINING

APPLICATION FOR COAL PERMIT PROCESSING

Permit Change New Permit Renewal Exploration Bond Release Transfer

Permittee: Canyon Fuel Company, LLC

Mine: Sufco Mine

Permit Number: C/041/0002

Title: Amendment to MRP to Update Legal Information in Chapter 1 Associated with Permit Renewal

Description, Include reason for application and timing required to implement:

Instructions: If you answer yes to any of the first eight (gray) questions, this application may require Public Notice publication.

- Yes No 1. Change in the size of the Permit Area? Acres: Decreased to 691.73 Disturbed Area: Increased to 96.41 increase decrease.
- Yes No 2. Is the application submitted as a result of a Division Order? DO# _____
- Yes No 3. Does the application include operations outside a previously identified Cumulative Hydrologic Impact Area?
- Yes No 4. Does the application include operations in hydrologic basins other than as currently approved?
- Yes No 5. Does the application result from cancellation, reduction or increase of insurance or reclamation bond?
- Yes No 6. Does the application require or include public notice publication?
- Yes No 7. Does the application require or include ownership, control, right-of-entry, or compliance information?
- Yes No 8. Is proposed activity within 100 feet of a public road or cemetery or 300 feet of an occupied dwelling?
- Yes No 9. Is the application submitted as a result of a Violation? NOV # _____
- Yes No 10. Is the application submitted as a result of other laws or regulations or policies?

Explain: _____

- Yes No 11. Does the application affect the surface landowner or change the post mining land use?
- Yes No 12. Does the application require or include underground design or mine sequence and timing? (Modification of R2P2)
- Yes No 13. Does the application require or include collection and reporting of any baseline information?
- Yes No 14. Could the application have any effect on wildlife or vegetation outside the current disturbed area?
- Yes No 15. Does the application require or include soil removal, storage or placement?
- Yes No 16. Does the application require or include vegetation monitoring, removal or revegetation activities?
- Yes No 17. Does the application require or include construction, modification, or removal of surface facilities?
- Yes No 18. Does the application require or include water monitoring, sediment or drainage control measures?
- Yes No 19. Does the application require or include certified designs, maps or calculation?
- Yes No 20. Does the application require or include subsidence control or monitoring?
- Yes No 21. Have reclamation costs for bonding been provided?
- Yes No 22. Does the application involve a perennial stream, a stream buffer zone or discharges to a stream?
- Yes No 23. Does the application affect permits issued by other agencies or permits issued to other entities?

Please attach four (4) review copies of the application. If the mine is on or adjacent to Forest Service land please submit five (5) copies, thank you. (These numbers include a copy for the Price Field Office)

I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments, undertakings, and obligations, herein.

John D. Byers
Print Name

J.D. Byers, Gen. Mgr. 3-2-17
Sign Name, Position, Date

Subscribed and sworn to before me this 2 day of March, 2017

Jacquelyn Nebeker
Notary Public

My commission Expires _____, 20____ }
Attest: State of _____ } ss:
County of _____



For Office Use Only:	Assigned Tracking Number:	Received by Oil, Gas & Mining <div style="font-size: 2em; color: blue; font-weight: bold; margin: 5px 0;">RECEIVED</div> <div style="color: red; font-weight: bold; margin: 5px 0;">MAR 06 2017</div> <div style="color: blue; font-weight: bold; margin: 5px 0;">DIV. OF OIL, GAS & MINING</div>
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CHAPTER 1
GENERAL CONTENTS

TABLE OF CONTENTS (December 20, 1991)

<u>Section</u>	<u>Page</u>
110 Minimum Requirements for Legal, Financial, Compliance and Related Information	1-1
111 Introduction	1-1
112 Identification of Interests	1-1
112.100 Business Entity	1-1
112.200 Applicant and Operator	1-1
112.300 Control Persons	1-1
112.400 Coal Mining and Reclamation Operation Permit Applications Previous, Current or Pending . . .	1-2
112.500 Legal or Equitable Owner of the Surface and Mineral Properties to be Mined	1-4
112.600 Owners of Record of Property Contiguous to Proposed Permit Area	1-5
112.700 MSHA Numbers	1-6
112.800 Interest in Contiguous Lands	1-7
112.900 Certification of Submitted Information	1-7
113 Violation Information	1-7
114 Right-of-Entry Information	1-7
115 Status of Unsuitability Claims	1-13
116 Permit Term	1-14
117 Insurance Certificate and Proof of Publication	1-16
118 Filing Fee	1-17
120 Permit Application Format and Contents	1-17
130 Reporting and Technical Data	1-17
140 Maps and Plans	1-18
150 Completeness	1-18

LIST OF APPENDICES

(Appendices appear in Volume 4)

Appendix

- 1-1 Legal Right-of-Entry Documents
- 1-2 Lease Documents
- 1-3 Newspaper Advertisement
- 1-4 Filing Fee Receipt

CHAPTER 1 GENERAL CONTENTS

110 Minimum Requirements for Legal, Financial, Compliance and Related Information

111 Introduction

For information pertaining to this section(s) refer to the General Chapter 1 binder for Canyon Fuel Company, LLC prepared for the Dugout Canyon Mine, Soldier Canyon Mine, SUFCA Mine, Skyline Mines, and Banning Loadout **and other** operations.

112 Identification of Interests

112.100 Business Entity

For information pertaining to this section(s) refer to the General Chapter 1 binder for Canyon Fuel Company, LLC prepared for the Dugout Canyon Mine, Soldier Canyon Mine, SUFCA Mine, Skyline Mines, and Banning Loadout **and other** operations.

112.200 Applicant and Operator

For information pertaining to this section(s) refer to the General Chapter 1 binder for Canyon Fuel Company, LLC prepared for the Dugout Canyon Mine, Soldier Canyon Mine, SUFCA Mine, Skyline Mines, and Banning Loadout **and other** operations.

112.300 Control Persons

For information pertaining to this section(s) refer to the General Chapter 1 binder for Canyon Fuel Company, LLC prepared for the Dugout Canyon Mine, Soldier Canyon Mine, SUFCA Mine, Skyline Mines, and Banning Loadout **and other** operations.

**112.400 Coal Mining and Reclamation Operation Permit Applications
 Previous, Current or Pending**

The following list describes all permits held by Canyon Fuel Company, LLC, all pending applications for permits, and any permits recognized as necessary in the future for which no application has been filed. Identification numbers of applications or permits are contained in the following list. Many of the agencies listed, however, have review responsibility only and may not have submitted a numbered permit.

<u>Permit</u>	<u>Issuing Authority</u>	<u>Approval Status/ Identification No.</u>
Mining and Reclamation Permit C/041/002	State of Utah Department of Natural Resources Division of Oil, Gas and Mining Department of Interior U.S. Geological Survey and Office of Surface Mining Department of Agriculture U.S. Forest Service Fishlake National Forest and Manti La Sal National Forest	Approved
U.P.D.E.S. Permit UT-0022918	Environmental Protection Agency and Utah D.E.Q.	Approved
Disposal for Water Discharge	Utah Department of Health	Approved
Business License	Sevier County	Approved
Mine Health and Safety Permits 42-00089	Mine Safety and Health Administration - Utah	Approved
ID No. 1211-UT-09-00089-01	Mine Safety and Health Administration	Waste Rock Disposal Area Construction Plan
Radio Permits	Federal Communications Commission	Approved

Canyon Fuel Company, LLC
SUFCO Mine

Mining and Reclamation Plan
March 2, 2017 ~~June 19, 2015~~

Certificate of Insurance and Authorization to do Business in State	State Industrial Development Commission	Approved
Public Water Supply Permit #21020	State of Utah Department of Health Division of Environmental Health	Approved
Radiation Control	State of Utah Department of Environmental Quality, Division of Radiation Control	Approved
Special Use 4078-2	U.S. Forest Service Fishlake National Forest	Approved
Air Quality Approval Orders	State of Utah Utah Air Conservation Committee Department of Health Division of Environmental Health	Approved
Water Rights	State Engineer	Approved

A table of the Canyon Fuel Company, LLC mining permits and operations is located in General Chapter 1 are:

SUFCO Mine	C/041/002
Skyline Mine	C/007/005
Soldier Canyon Mine	C/007/018
Banning Loadout	C/007/034
Dugout Canyon	C/007/039

The issuing authority for the Canyon Fuel Company, LLC permits is the UDOGM.

Operations held by ~~subsidiary companies of Arch Coal, Inc.~~ Canyon Fuel Company, LLC and corporate structure are presented on Figure 1-1 in the General Chapter 1 for Canyon Fuel Company, LLC. Facility names, mailing addresses and permit numbers for these operations are provided in either Table 1-1 and/or Table 1-2. For additional information refer to the General Chapter 1 binder for Canyon Fuel Company, LLC prepared for the ~~Dugout Canyon Mine, Soldier Canyon Mine, SUFCO Mine and Skyline Mines and Banning Loadout~~ operations.

112.500 Legal or Equitable Owner of the Surface and Mineral Properties

Owner of all the surface under Federal Coal Leases U-062453, SL-062583, U-0149084, U-047080, U-063214, U-28297, UTU-76195 and State of Utah Coal Lease ML 49443-OBA is:

United States of America
Department of Agriculture
U.S. Forest Service
Fishlake National Forest
115 East 900 North
Richfield, Utah 84701

United States of America
Department of Agriculture
U.S. Forest Service
Manti-La Sal Forest
599 West Price River Drive
Price, Utah 84501

United States of America
Department of Interior
Bureau of Land Management
Price Coal Office
125 South 600 West
Price, Utah 84501

Lessee for the Federal Coal Leases and State of Utah Coal Lease is:

Canyon Fuel Company, LLC
225 North 5th Street, 9th Floor
Grand Junction, CO 81501
Telephone: (970) 263-5130

The Bureau of Land Management owns the mineral rights for the Federal Coal Leases and the State of Utah owns the mineral rights for the State Coal Lease.

United States of America
Department of Interior
Bureau of Land Management
Price Coal Office
125 South 600 West
Price, Utah 84501

State of Utah
School and Institutional Trust Lands Administration
675 East 500 South, Suite 500
Salt Lake City, Utah 84102-2818

The Applicant owns 640 acres of coal within the lease area. Surface ownership of these acres is listed below:

Neal J. Mortensen
c/o UNELCO, Inc.
Aurora, Utah 84620

Roger E. Nielsen and Ruth Nielsen
515 East 240 North
Salina, Utah 84654

Canyon Fuel Company, LLC
225 North 5th Street, 9th Floor
Grand Junction, CO 81501
Telephone: (970) 263-5130

A property ownership map of the permit area and adjacent area is presented as Plate 5-6.

No area within the lands to be affected by surface operations and facilities or within the area of coal to be mined is under a real estate contract.

Coal mining and reclamation operations are listed on Table 1-1 and the corporate structures is presented on Figure 1-1 in the General Chapter 1 binder.

112.600 Owners of Record of Property Contiguous to Proposed Permit Area

The following list contains the names and addresses of all owners of surface lands contiguous to the permit boundary:

United States of America
Department of Agriculture
U.S. Forest Service
Fishlake National Forest
115 East 900 North
Richfield, Utah 84701

United States of America
Department of Agriculture
U.S. Forest Service
Manti-La Sal National Forest
599 West Price River Drive
Price, Utah 84501

State of Utah
School and Institutional Trust Lands Administration
675 East 500 South, Suite 500
Salt Lake City, Utah 84102-2818

United States of America
Department of Interior
Bureau of Land Management
Price Coal Office
125 South 600 West
Price, Utah 84501

The following list contains the names and addresses of the owners of mineral acreage contiguous to the permit boundary:

State of Utah
School and Institutional Trust Lands Administration
675 East 500 South, Suite 500
Salt Lake City, Utah 84102-2818

United States of America
Department of Interior
Bureau of Land Management
Price Coal Office
125 South 600 West
Price, Utah 84501

112.700 MSHA Numbers

Mine ID No. 42-00089, Waste Rock ID No. 1211-UT-09-00089-01.

112.800 Interest in Contiguous Lands

The applicant owns or controls, directly or indirectly, no legal or equitable interest in any lands contiguous to the permit area.

112.900 Certification of Submitted Information

Canyon Fuel Company, LLC hereby attests that the information contained in this permit document is true and correct to the best of their knowledge.

113 Violation Information

For violation information refer to Table 1-2 in the General Chapter 1 binder for Canyon Fuel Company, LLC prepared for the ~~Dugout Canyon Mine, Soldier Canyon Mine, SUFCA Mine, Skyline Mines and Banning Loadout~~ operations.

114 Right-of-Entry Information

Copies of documents granting the legal right to enter and begin underground coal mining activities have not changed with the acquisition. They can be found in Appendix 1.1 Mining and Reclamation Plan for the SUFCA Mine, which is unmodified by this Notice of Change in Ownership and Control Information.

The right to enter the leaseholds conveyed by the Federal Coal Leases is conferred to the lessee by the Mineral Leasing Act of 1920 and the leases themselves. Copies of Federal Coal Leases U-47080, U-28297, U-62453, U-149084, U-63214, UTU-76195, UTU-91108 (ROW) ,SL-062583, and State of Utah Coal Lease ML 49443-OBA which grant the right to enter and conduct underground mining operations on the leased premises are presented in Appendix 1-2 Mining and Reclamation Plan for the SUFCA Mine. Appendix 1-2 is unmodified by this Notice of Change in Ownership and Control Information.

Federal Coal Lease SL-062583 grants the right to use lands for the construction and utilization of surface facilities necessary for underground coal mining.

BLM Lease UTU-84102 is in the process of being issued to Sufco. Once the lease/tract is issued to Canyon Fuel Company, LLC a copy of the documents will be incorporated into Appendix 1-2.

The legal description of the SUFACO coal leases:

Federal Coal Lease U-28297 - (716.51 acres +/-) - Approved January 1979
Modified January 2012

T. 21 S., R. 5 E., SLM, Utah
Sec. 32, lot 1, N1/2S1/2
Sec. 33, NW1/4SW1/4

T. 22 S., R. 5 E., SLM, Utah
Sec. 5, W1/2W1/2;
Sec. 7, S1/2NE1 /4, E1/2SW1/4, W1/2SE1/4;
Sec. 8, W1/2NW1/4.

Federal Coal Lease U-062453 - (480 acres +/-) - Approved March 1962

T. 21 S., R. 5 E., SLM, Utah
Sec. 28, SW1/4SW1/4
Sec. 29, SE1/4SE1/4
Sec. 32, N1/2
Sec. 33, W1/2NW1/4

Federal Coal Lease U-0149084 - (240 acres +/-) - Approved June 1966

T. 22 S., R. 4 E., SLM, Utah
Sec. 12, NE1/4 and N1/2SE1/4

Federal Coal Lease SL-062583 - (3,079.83 acres +/-) - Approved September 1941

Modified January 1973, December 2009

- T. 21 S., R. 4 E., SLM, Utah
 - Sec. 36, S1/2
- T. 21 S., R. 5 E., SLM, Utah
 - Sec. 31, all;
- T. 22 S., R. 4 E., SLM, Utah
 - Sec. 1, lots 1 to 4, ~~incl-S1/2N1/2~~, S1/2
 - Sec. 2, SE1/4, S1/2SW1/4;
 - Sec. 3, SE1/4SE1/4;
 - Sec. 10, E1/2NE1/4, NE1/4SE1/4;
 - Sec. 11, N1/2, N1/2S1/2;
 - Sec. 12, NW1/4
- T. 22 S., R. 5 E., SLM, Utah
 - Sec. 6, all;
 - Sec. 7, N1/2NE1/4, E1/2NW1/4

Federal Coal Lease U-47080 - (1,953.73 acres +/-) - Approved October 1981

Modified December 2009

- T. 21 S., R. 4 E., SLM, Utah
 - Sec. 25, all;
 - Sec. 35, E1/2, E1/2SW1/4;
 - Sec. 36, N1/2.
- T. 21 S., R. 5 E., SLM, Utah
 - Sec. 30, lots 2-4, W1/2SE1/4
- T. 22 S., R. 4 E., SLM, Utah
 - Sec. 2, lots 1-4, S1/2NE1/4, S1/2NW1/4, N1/2SW1/4;
 - Sec. 3, NE1/4SE1/4.

Federal Coal Lease U-63214 - (~~8,826.34~~ 6336.34 acres +/-) - Approved July 1989

Modified June 1999, December 2009, May 2011, January 2017

Tract 1:

T. 21 S., R. 4 E., SLM, Utah

- Sec. 12, E1/2SE1/4
- Sec. 13, E1/2NE1/4, S1/2
- Sec. 14, E1/2SW1/4, SE1/4
- Sec. 23, E1/2, E1/2W1/2
- Sec. 24, all.

T. 21 S., R. 5 E., SLM, Utah

- ~~Sec. 15, W1/2~~
- Sec. 16, W1/2NW1/4, W1/2SW1/4, W1/2E1/2NW1/4, W1/2E1/2SW1/4
- Sec. 17-19, all
- Sec. 20, NE1/4, W1/2 SE1/4, SW1/4, NW1/4
- Sec. 21, W1/2NW1/4, W1/2E1/2NW1/4
- Sec. 26, W1/2NW1/4SW1/4, SW1/4SW1/4
- Sec. 27, NE1/4, SE1/4, S1/2SW1/4, S1/2N1/2SW1/4
- Sec. 28, S1/2SE1/4, S1/2N1/2SE1/4, S1/2N1/2SW1/4, SE1/4SW1/4
- Sec. 29, S1/2NE1/4SE1/4
- ~~Sec. 27, all;~~
- ~~Sec. 28, N1/2, N1/2SW1/4, SE1/4SW1/4, SE1/4~~
- ~~Sec. 29, E1/2NE1/4, NE1/4SE1/4~~
- Sec. 30, lot 1, N1/2NE1/4
- Sec. 33, NE1/4, E1/2NW1/4, NE1/4SW1/4, N1/2SE1/4
- Sec. 34, NW1/4NE1/4, NW1/4, NW1/4SW1/4.

Tract 2:

~~T. 21 S., R. 5 E., SLM, Utah~~

- ~~Sec. 10, SE1/4NW1/4, E1/2SW1/4, E1/2E1/2SW1/4SW1/4,~~
- ~~E1/2E1/2NW1/4SW1/4, E1/2E1/2SW1/4NW1/4.~~

Tract 3:

T. 21 S., R. 4 E., SLM, Utah

Sec. 26, E1/2, E1/2SW1/4;

Sec. 35, NW1/4, W1/2SW1/4.

Federal Coal Lease UTU-76195 - (4,148.15 ~~5,694.66~~ acres +/-) - Approved October 1999
Modified December 2006, **January 2017**

T. 21 S., R. 5 E., SLM

Sec. 2, lots 3,4, S1/2SW1/4, SW1/4SE1/4

Sec. 10, NE1/4NE1/4

**Sec. 11, NE1/4, SE1/4, NW1/4NW1/4, NE1/4NW1/4,
SE1/4NW1/4, N1/2SW1/4NW1/4, SW1/4SW1/4NW1/4,
E1/2SW1/4, E1/2NW1/4SW1/4, SE1/4SW1/4NW1/4**

~~Sec. 10, E1/2~~

~~Sec. 11, all~~

Sec. 12, S1/2SW1/4, NW1/4SW1/4

Sec. 13, NW1/4, S1/2

Sec. 14, NE1/4, E1/2NW1/4, E1/2E1/2SE1/4

~~Sec. 14, all~~

~~Sec. 15, E1/2~~

~~Sec. 22, E1/2~~

Sec. 22, S1/2S1/2SE1/4

**Sec. 23, SE1/4, E1/2SW1/4, S1/2SW1/4SW1/4, S1/2SE1/4NW1/4,
SE1/4NW1/4NE1/4, S1/2NE1/4NE1/4, NE1/4NE1/4NE1/4,
S1/2SW1/4NE1/4, NE1/4SW1/4NE1/4, SE1/4NE1/4**

~~Sec. 23-24, all~~

Sec. 25, N1/2, N1/2S1/2

Sec. 26, N1/2, NE1/4SW1/4, E1/2NW1/4SW1/4, SE1/4

T. 21 S., R. 6 E., SLM

Sec. 19, lots 3-4, E1/2SW1/4

Sec. 30, lots 1-3, E1/2NW1/4, NE1/4SW1/4

BLM Right-of-Way UTU-91108 (70 Acres +/-) - Approved June 4, 2015

T. 21 S., R. 4 E., SLB&M

Sec. 1, E1/2SE1/4SE1/4, SE1/4NE1/4SE1/4

Sec. 12, E1/2E1/2NE1/4

2004 State of Utah Coal Lease ML 49443-OBA - (2,294.1955384 acres +/-) - Approved October
Modified June 2015, February 2017

~~T. 20 S., R. 5 E., SLB&M~~

~~Sec. 32: S1/2S1/2~~

~~Sec. 33: S1/2S1/2~~

T. 21 S., R. 5 E., SLB&M

Sec. 4: lots 1- 4, ~~2, 3~~, S1/2S1/2

Sec. 5: lots 1- 4, ~~2, 3~~, S1/2S1/2

Sec. 7: lots 1- 4, ~~2, 3~~, NE1/4, SE1/4,

Sec. 8: All

Sec. 9: All

Canyon Fuel Company, LLC acquired the right to entry on these properties in the merger described in Section 111 herein above.

In addition, the SUFCA Mine permit area includes certain fee lands owned by Canyon Fuel Company, LLC as follows:

T. 21 S., R. 5 E., SLB&M, Utah

Sec. 29, SW1/4, NW1/4, W1/2NE1/4, W1/2SE1/4

Sec. 30, S1/2NE1/4, E1/2SE1/4

containing 640.00 acres +/-

T. 22 S., R. 4 E., SLB&M, Utah

Sec. 18, ~~NW1/4NE1/4~~ NE1/4, SE1/4NW1/4, NE1/4SE1/4

containing 240 acres +/-

The name of the owner of these fee lands changed from Coastal States Energy Company to Canyon Fuel Company, LLC as a result of the merger transaction described in Section 111 hereinabove.

The SUFCO Mine also uses certain Forest Service lands in its operation for a spring collection system, pumphouse, water transmission line, sanitary discharge line, sanitary drainfield, access road to the sediment pond, and 25 KV powerline. These USFS special use permit areas are shown on Plate 5-6 through portions of:

T. 22 S., R. 4 E., SLB&M, Utah
Sec. 12, S1/2
containing ~~45.32~~ 28.5 acres

The name of the permittee changed from Southern Utah Fuel Company to Canyon Fuel Company, LLC pursuant to the merger described in Section 111 herein above.

The total lease area includes ~~20,991.07~~ 16,954.56 acres of Federal coal leases, 70 acres of BLM R-O-W, ~~2,294.19,553.84~~ acres of State of Utah coal leases, 640 acres of fee coal leases, the 240 acres waste rock disposal site and ~~45.32~~ 28.5 acres under U.S. Forest Service special use permit for a total of ~~24,310.23~~ 20,227.25 acres.

115 Status of Unsuitability Claims

To the best knowledge of Canyon Fuel Company, LLC, no portion of the area to be permitted is designated, or under study for being designated, unsuitable for mining.

Since the SUFCO Mine was in production before passage of the Surface Mining Control and Reclamation Act of 1977, the unsuitability criteria were not applied to the existing surface facilities.

Canyon Fuel Company, LLC does not propose to conduct coal mining or reclamation operations within 300 feet of any occupied dwelling. Coal mining and reclamation operations have been or will be conducted within 100 feet of a public road, see Section 5.2.1.1 for details. Forest

Service approval to conduct coal mining and reclamation operations within 100 feet of the Link Canyon forest service road is located in Appendix 1-1 and the newspaper advertisement for public comment is located in Appendix 1-3.

116 Permit Term

The following information is presented to identify permit term requirements and stipulations. Canyon Fuel Company will be operating the SUFCO Mine with continuous miner and longwall mining methods. The estimated number of total surface acres to be affected over the entire mining operation is ~~48.432~~ **96.42** acres +/- .

<u>PERMITTED DISTURBED AREA BOUNDARY</u>	<u>ACTUAL AREA CURRENTLY DISTURBED TO BE RECLAIMED</u>	<u>SITE DESCRIPTION</u>
30.210	17.405	Mine Site, East Spring Canyon
0.967	0.39	Spring Collection Field, Convulsion Cyn.
0.220	0.075	Pump House, Convulsion Canyon
0.784	0.40	Leach Field, Convulsion Canyon
1.595	0.193	Water Tank, East Spring Canyon
0.286	0.017	3 East Portals
1.774	0.70	4 East Portals
0.302	0.017	South Portals
0.396	0.017	Quitcupah Portals
0.287	0.18	Link Canyon Substation No. 1
0.245	0.12	Link Canyon Substation No. 2
0.380	0.18	Link Canyon Portal
0.45	0.351	Sinkhole
10.986 58.52	8.733 28.78	Waste Rock Disposal Site*
0.000	0.00	North Water Mitigation Area
0.000	0.00	Quitcupah Fan and Shaft Site
48.432 96.416	28.427 48.825	Totals Acres +/-

*Includes acreage from pre-expansion disturbance and Phase 1 and 2 construction disturbance

The legal description of the SUFCA permit area:

Mine Site Facility, Water Tank, South Portals, Spring Collection Field, Pump House, Pipeline, Leachfield (Approximately 64.403 acres +/-)

T. 22 S., R. 4 E., SLBM, Utah

Section 12: A Portion of the following:

E1/2NW1/4, SW1/4NW1/4NE1/4, S1/2

Portals - 3 East, 4 East, Quitcupah and Link Canyon, Link Canyon Substation No. 1 and No. 2 (Approximately 3.368 acres +/-)

T. 21 S., R. 5 E., SLBM, Utah

Section 26: A Portion of the following:

SE1/4SW1/4SW1/4NW1/4, E1/2NW1/4NW1/4SW1/4

SE1/4NE1/4SW1/4SW1/4

Section 29: A Portion of the following:

NW1/4NW1/4SW1/4SE1/4, NE1/4NW1/4SE1/4SW1/4,

NE1/4NE1/4SE1/4SW1/4

Section 32: A Portion of the following:

NE1/4SW1/4SW1/4NE1/4

Waste Rock Disposal Site (Approximately 81.25 40 acres +/-)

T. 22 S., R. 4 E., SLBM, Utah

~~Section 18: NW1/4NE1/4~~

Section 18*: S1/2NW1/4NE1/4, S1/2N1/2NW1/4NE1/4, S1/2S1/2NE1/4NW1/4NW1/4NE1/4, S1/2S1/2NW1/4NE1/4NW1/4NE1/4, W1/2SW1/4NE1/4NE1/4, W1/2E1/2SW1/4NE1/4NE1/4, S1/2SW1/4NW1/4NE1/4NE1/4, S1/2N1/2SW1/4NW1/4NE1/4NE1/4, SW1/4SE1/4NW1/4NE1/4NE1/4, W1/2E1/2SW1/4NE1/4NE1/4, NW1/4SW1/4NE1/4, W1/2NE1/4SW1/4NE1/4, NW1/4SW1/4SW1/4NE1/4, N1/2NE1/4SW1/4SW1/4NE1/4, SW1/4NE1/4NE1/4SW1/4NE1/4, N1/2NE1/4NE1/4SW1/4NE1/4, N1/2NW1/4SE1/4SW1/4NE1/4, NE1/4NE1/4SE1/4NW1/4, SE1/4NW1/4NE1/4SE1/4NW1/4, S1/2NE1/4SE1/4NW1/4, S1/2SE1/4NW1/4SE1/4NW1/4, NE1/4SW1/4SE1/4NW1/4, N1/2SE1/4SE1/4NW1/4

* Excluding county/state road(s) and the features associated with the road(s) such as right-of-way, turn-offs and drainage controls such as ditches, culverts, etc.

North Water Mitigation Area (Approximately 542.260 acres +/-)

T. 21 S., R. 5 E., SLBM, Utah

Section 2: A Portion of the following:

SW1/4SW1/4SW1/4

Section 3: A Portion of the following:

S1/2SE1/4

Section 10: A Portion of the following:

NE1/4, N1/2NE1/4SE1/4

Section 11: A Portion of the following:

W1/2NW1/4, W1/2SE1/4NW1/4, E1/2SW1/4, E1/2NW1/4SW1/4,

S1/2SE1/4, ~~E1/2SW1/4SW1/4~~, NW1/4SE1/4, S1/2NE1/4SE1/4

- Section 12: A Portion of the following:
 W1/2SW1/4
- Section 14: A Portion of the following:
 W1/2NE1/4, NE1/4NW1/4

~~Quitcupah Fan and Shaft Site (Approximately 68.640 acres)
 T. 21 S., R. 5 E., SLBM, Utah~~

~~Section 18: A Portion of the following:
 S1/2~~

~~Section 19: A Portion of the following:
 NW1/4NE1/4NE1/4~~

Sinkhole (Approximately 0.45 acres +/-)
 T.22. S., R.4.E.
 Section 2 Portion of the SW1/4NE1/4

<u>PERMITTED AREA BOUNDARIES</u>	<u>SITE DESCRIPTION</u>
64.40	SUFCO Main Facilities Complex
0.286	3 East Portals
1.774	4 East Portals
0.396	Quitcupah Portals
0.287	Link Canyon Substation No. 1
0.245	Link Canyon Substation No. 2
0.380	Link Canyon Portal
81.25	Waste Rock Disposal Site
542.26	North Water Mitigation Area
0.45	Sinkhole
<hr style="width: 100px; margin-left: auto; margin-right: 0;"/> 691.728 acres +/-	TOTAL

The permit area boundary, which is shown on Plate 5-6, includes portions of Federal coal leases, fee coal leases, the waste rock disposal site and U.S. Forest Service special use permit areas for a total of ~~720.483~~ 691.728 acres +/-.

117 Insurance and Proof of Publication

Certificates of Insurance issued to Canyon Fuel Company, LLC are located in the General Chapter 1 binder as prepared for the ~~Dugout Canyon Mine, Soldier Canyon Mine, SUFCO Mine, Skyline Mines and Banning Loadout~~ operations and in Appendix 8-1: on file with the Division.

The newspaper advertisement appears in Appendix 1-3. Verification of the advertisement appearing in the appropriate newspapers will be added to Appendix 1-3 and submitted to the Division no later than 4 weeks after publication.

118 Filing Fee

A photocopy of the receipt is presented in Appendix 1-4 as proof of payment of the permit filing fee.

120 Permit Application Format and Contents

The permit application contains clear, concise, current information, in the format required by the UDOGM.

130 Reporting of Technical Data

All technical data submitted in the permit application is accompanied by the names of persons or organizations that collected and analyzed the data. The technical data also contains the dates of collection and analysis of the data, and descriptions of the method used to collect and analyze data. A professional qualified in the subject, planned or directed the technical analyses.

3 Right 4 East Panel(s)

Mining of this panel(s) will straddle Leases U-63214 and U-62453 which are referred to as the Quitchupah Tract throughout the M&RP in text, appendices and on drawings. Both leases were issued to the permittee in 1989, the tract was originally delineated in 1982. The mine plan is shown on Plate 5-7, mining will occur only in the Upper Hiawatha coal seam. Overburden is approximately 900 feet or more. An environmental assessment was prepared for Lease U-63214 in 1988 and an EIS for the Quitchupah Tract in 1983, a variety of information from these assessments are included in the existing M&RP.

A helicopter survey to locate raptors and migratory bird species was conducted in 1982 and 1988 by UDWR, USFWS, BLM, and USFS. In 1988 ten golden eagle nests were located within the lease boundary, two were active, two were tended and the remaining six were inactive. One

active nest and two inactive nests were located in Section 33. Bald eagles annually visit the area during the winter. No other TES species are known to inhabit the tract.

The southern portion of the lease area is considered crucial winter range for deer and elk. The escarpment in the southeastern portion of the tract which lies between Quitcupah Canyon and Link Canyon is known as an elk migration route, providing access to and from the winter range from the plateau top.

140 Maps and Plans

The maps submitted in this permit application correspond to the format required by the regulations.

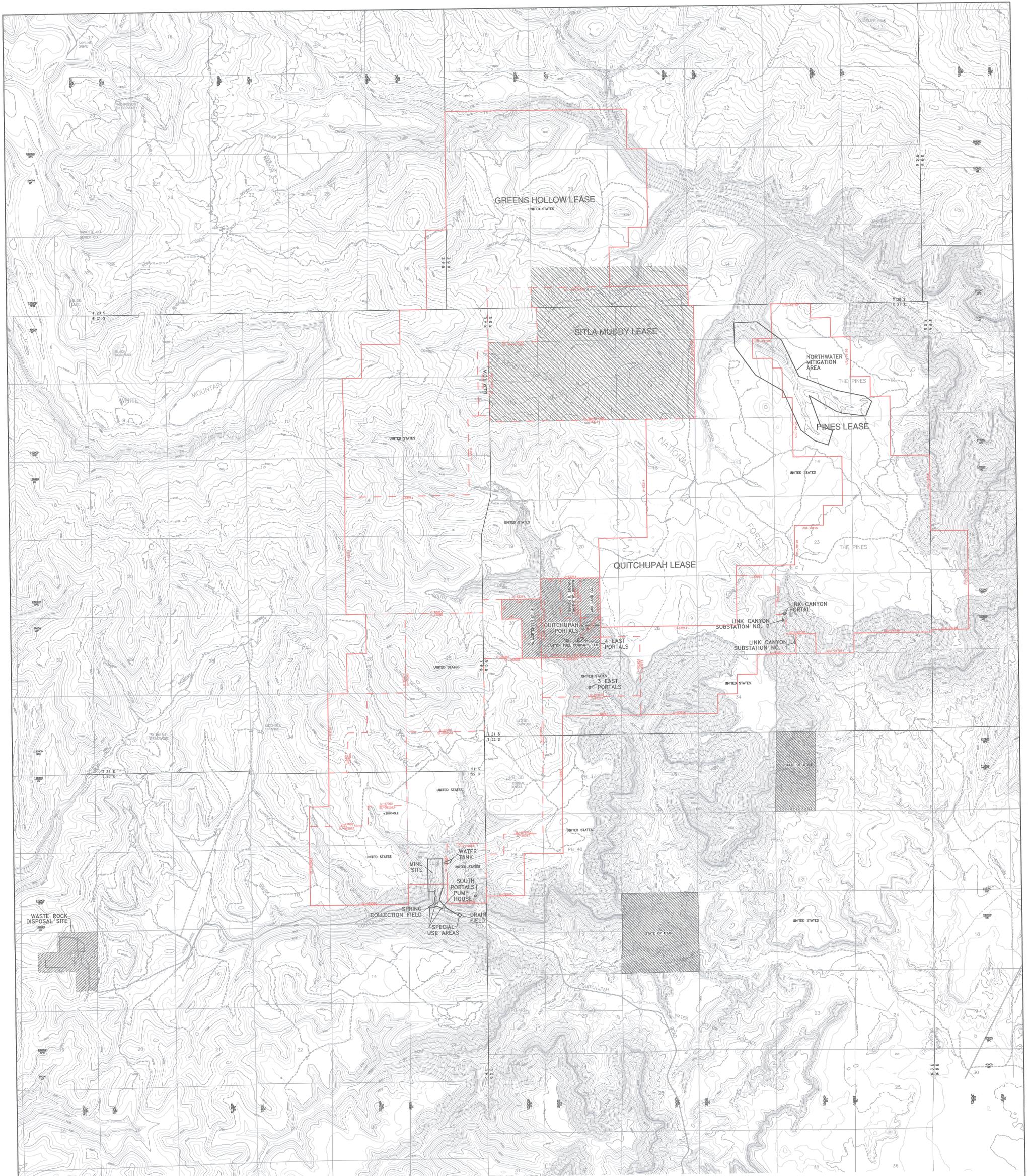
Those portions in the mine plan area in which underground coal mining activities occurred before August 3, 1997, and from August 3, 1977 to May 3, 1978 are presented on Plate 5-1.

150 Completeness

~~The Applicant believes the information in this permit application to be complete and correct.~~
CFC believes the information in the permit application for its operations to be complete and correct. Reference the Mining and Reclamation Plans for the Dugout Canyon Mine, Soldier Canyon Mine, Sufco Mine, Gordon Creek Mines, Skyline Mine, Fossil Rock Mine and Banning Loadout operations for additional site specific information.

REFERENCES:

U.S. Department of the Interior, Final Supplemental Impact Statement for Leasing and Underground Mining of the Greens Hollow Federal Coal Lease Tract UTU-84102, Sanpete and Sevier Counties, Utah, February 2015



- NOTES:
- "LEASE AREA" INCLUDES ALL FEDERAL COAL LEASES, STATE COAL LEASES, FEE LANDS AND U.S.F.S. SPECIAL USE PERMIT (SUP) AREAS SHOWN ON THIS MAP.
 - SEE VOLUME 3 REGARDING OWNERSHIP AT WASTE ROCK DISPOSAL SITE.
 - SEE PLATE 5-2A REGARDING MINESITE AREA DETAIL.
 - SEE PLATE 5-2B REGARDING U.S.F.S. SPECIAL USE AREA DETAIL.
 - SEE PLATE 5-2C REGARDING PORTAL AREA DETAIL.
 - SEE PLATE 5-2D REGARDING LINK CANYON SUBSTATION NO. 1 AREA DETAIL.
 - SEE PLATE 5-2E REGARDING LINK CANYON SUBSTATION NO. 2 AREA DETAIL.
 - SEE PLATE 5-2F REGARDING LINK CANYON PORTAL AREA DETAIL.

EXPLANATION

- SUFCO EXTERIOR LEASE BOUNDARY
- SUFCO INTERIOR LEASE BOUNDARY
- PERMIT BOUNDARY
- SPECIAL USE PERMIT BOUNDARY
- MINE COORDINATES
- STATE PLANE COORDINATES
- DISTURBED AREA BOUNDARY MARKER
- DISTURBED AREA BOUNDARY

LEASE AREA

- 16,954.56 ACRES FEDERAL COAL LEASES
- 2,294.19 ACRES UTAH STATE COAL LEASES
- 640.00 ACRES FEE COAL LEASES
- 240.00 ACRES WASTE ROCK DISPOSAL SITE
- 26.50 ACRES U.S.F.S. SPECIAL USE PERMITS
- 70.00 ACRES B.L.M. RIGHT-OF-WAY
- 20,227.25 ACRES TOTAL LEASE AREA

ADJACENT AREA

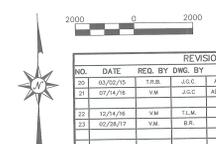
- BIOLOGY ADJACENT AREA IS A 0.5 MILE BUFFER AROUND ALL SURFACE DISTURBANCES.
- SEE CHA FOR HYDROLOGIC ADJACENT AREA BOUNDARY.

LAND AND MINERAL OWNERSHIP

LAND	MINERAL
UNITED STATES	STATE OF UTAH
UNITED STATES	UNITED STATES
VARIOUS OWNERS (AS SHOWN)	CANYON FUEL COMPANY, LLC
STATE OF UTAH	UNITED STATES
U.S.F.S. SPECIAL USE AREA	UNITED STATES



I CERTIFY THE ITEMS SHOWN ON THIS DRAWING ARE ACCURATE TO THE BEST OF MY KNOWLEDGE



REVISIONS			
NO.	DATE	REQ. BY	DWG. BY
01	02/28/17	J.S.	J.S.
02	02/28/17	J.S.	J.S.
03	02/28/17	J.S.	J.S.
04	02/28/17	J.S.	J.S.

Canyon Fuel Company, LLC
SUFCO Mine
 597 South 24th - 5000th, UT 84654
 (435) 296-4880 Phone
 (435) 296-4459 Fax

LAND OWNERSHIP, LEASE, AND PERMIT AREA MAP

SCALE: 1" = 2,000'
 DATE: 2/28/2017
 DRAWN BY: JMB/JRB
 CHECKED BY: J.S.
 SHEET NO: 5-6

PROJECT NUMBER: ###
 FILE NAME: H:\DRAWINGS\WMP\PLATES\PLATE 5-6.dwg

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