

June 28, 2016

Mr. Daron Haddock
Coal Program Manager
Coal Regulatory Program
Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Salt Lake City, UT 84114-5801

RECEIVED
JUN 27 2016
DIV. OF OIL, GAS & MINING

Subject: Dugout Canyon Mine, Incidental Boundary Change, C/007/039

Dear Mr. Haddock:

Canyon Fuel Company, LLC hereby files application to modify the permit C/007/039. Enclosed, please find a copy of the submittal to address an Incidental Boundary Change. A timely review of this submittal would be greatly appreciated.

Please contact me at (435) 636-2872 or Bill King at (435) 636-2898 should you have any questions or comments regarding the enclosed information.

Sincerely,



David G. Spillman, P.E.
Technical Services Manager

Enclosure

cc: Kirt Tatton, Dugout w/o Enclosures
Bill King, Dugout w/o Enclosures

APPLICATION FOR COAL PERMIT PROCESSING

Permit Change New Permit Renewal Exploration Bond Release Transfer

Permittee: Canyon Fuel Company, LLC

Mine: Dugout Canyon Mine

Permit Number: C/007/039

Title: Submittal to address an Incidental Boundary Change at Dugout Canyon Mine

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

Dugout is requesting a quick approval to allow continued production.

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: 207.44 Disturbed Area: _____ 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 one (1) review copy of the application.

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.

David Spillman
Print Name

David Spillman Engineering Manager
Sign Name, Position, Date

Subscribed and sworn to before me this 20 day of July, 2016

6/23/16

Vickie Southwick
Notary Public



My commission Expires: 1/14/2019, 20 }

Attest: State of Utah } ss:
County of Salt Lake

For Office Use Only: 	Assigned Tracking Number: 	Received by Oil, Gas & Mining <div style="text-align: center; color: blue; font-weight: bold; font-size: 1.2em;">RECEIVED</div> <div style="text-align: center; color: red; font-weight: bold; font-size: 1.1em;">JUN 27 2016</div> <div style="text-align: center; color: blue; font-weight: bold; font-size: 1.1em;">DIV. OF OIL, GAS & MINING</div>
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- Section 11: S1/2
Sections 14 and 15: All
Section 17: NE1/4; E1/2SW1/4; SE1/4
Section 20: E1/2NW1/4; SW1/4NW1/4; N1/2NE1/4
Section 21: N1/2NW1/4; NE1/4
Section 22: N1/2; N1/2S1/2
Section 23: W1/2NW1/4

State Lease ML-42649 - (2212 acres) - Approved

T. 13 S., R. 12 E., SLBM, Utah

- Section 3: Lots 1, 2, 3, 4, S1/2 (all)
Section 4: Lots 1, 2, 3, 4, S1/2 (all)
Section 5: Lots 1, 2, SE1/4
Section 9: All
Section 10: N1/2
Section 11: N1/2

Federal Coal Lease U-07064-027821 - (2,953.71 acres) - Approved 1 January 1957, Expanded 2007, Modified 2009 & 2010, Partially Relinquished 2012

T. 13 S., R. 12 E., SLBM, Utah

- Section 13: ~~S1/2~~, All
Section 23: E1/2E1/2, W1/2SE1/4, NE1/4SW1/4, E1/2SE1/4SW1/4
Section 24: All
Section 25: N1/2N1/2, N1/2SW1/4NW1/4
Section 26: N1/2NE1/4, NE1/4SE1/4NE1/4

T. 13 S., R. 13 E., SLBM, Utah

- Section 17: S1/2N1/2, S1/2
Section 18: Lots 1 2, 3, 4, E1/2SW1/4; SE1/4, ~~S1/2NE1/4, SE1/4NW1/4~~
Section 19: Lots 1-4, E1/2W1/2, NE1/4, NW1/4SE1/4
~~Section 21: NW1/4NW1/4~~

Total (Rounded)	5960		3784 <u>3988</u>		60
Approximate Total Acreage within Permit Area 5960+3784 <u>3988</u>+60 = 9804 <u>10008</u>					

A legal description of the permit boundary includes:

Section 23: E1/2E1/2, W1/2SE1/4, NE1/4SW1/4,

Section 24: All

Section 25: N1/2N1/2,

Section 26: N1/2NE1/4,

T. 13 S., R. 12 E., SLBM, Utah

Section 9: S1/2SE1/4

Section 10: S1/2

Section 11: S1/2

Section 13: All ~~except N1/2N1/2~~

Section 14: All

Section 15: All

Section 16: All

Section 17: E1/2SW1/4; SE1/4

Section 20: E1/2NW1/4; SW1/4NW1/4; N1/2NE1/4

Section 21: N1/2NW1/4; NE1/4

Section 22: N1/2; N1/2S1/2; Portion of N1/2NE1/4SE1/4SE1/4;

Portion of SW1/4NE1/4SE1/4SE1/4;

Portion of the S1/2NW1/4SE1/4SE1/4;

Portion of SW1/4NE1/4SW1/4SE1/4;

Portion of N1/2SE1/4SW1/4SE1/4;

Portion of NE1/4SW1/4SW1/4SE1/4;

Portion of S1/2SW1/4SW1/4SE1/4

Section 23: NW1/4; NE1/4; SE1/4; NE1/4SW1/4; NW1/4NW1/4SW1/4;

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

E1/2SE1/4SW1/4

Section 24: All

- Section 25: N1/2N1/2, N1/2SW1/4NW1/4
- Section 26: N1/2NE1/4, NE1/4SE1/4NE1/4
- Section 27: Portion of W1/2NW1/4NW1/4NE1/4
Portion of SW1/4NE1/4NE1/4NW1/4
Portion of E1/2SW1/4NE1/4NW1/4
Portion of SW1/4SW1/4NE1/4NW1/4

T. 13 S., R. 13 E., SLBM, Utah

- Section 17 All except N1/2N1/2
- Section 18 ~~All except N1/2N1/2~~, S1/2, S1/2N1/2, Lot 1
- Section 19 All
- Section 20 All
- Section 21 SW1/4; SW1/4NW1/4; NW1/4NW1/4
- Section 28 NW1/4; N1/2SW1/4; SW1/4SW1/4
- Section 29 All
- Section 30 NW1/4NW1/4; E1/2; E1/2W1/2

T. 14 S., R. 12 E., SLBM, Utah

- Section 18 Portion N1/2NE1/4

Topsoil is being stored in T14S, R12E, Section 8, a storage area permitted to Soldier Canyon Mine. See Chapter 2 for additional details concerning the topsoil storage.

As clarification, in 2007 acreage (487.57 acres) was added to existing Federal Coal Lease U-07064-027821, two hundred and forty-seven acres of this added acreage is already included as part of the Dugout permitted area. Acreage was previously added to the permit area in excess of the Federal leased acreage to act as a subsidence buffer zone (207.57 acres) and to accommodate a revised mine plan (40 acres). In addition, State Lease ML-50582-OBA (320 acres, more or less) was issued to Dugout Canyon Mine in 2007. Future surface disturbance of these leases will be permitted as needed to facilitate mining activities. The subsidence buffer zone acreage was added in T13S, R12E Section 13 and T13S, R13E Sections 17 and 18. The acreage added in T13S, R13E Sections 17 and 18 is now part of Federal Coal Lease U-07064-027821. Fifty acres were added to the permit boundary in 2012, this acres included 20 acres in Section 23, 20 acres in Section 25 and 10 acres in Section 26, T13S, R 12E (Federal Coal Lease U-07064-027821).

Canyon Fuel Company, LLC
SCM/Dugout Canyon Mine

Mining and Reclamation Plan
June 2016 ~~March 2016~~

APPENDIX 1-1

Coal Lease Documents



United States Department of the Interior



BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

<http://www.blm.gov/ut/st/en.html>

IN REPLY REFER TO:
3452
UUT-07064-027821
(UT-9223)

MAR 12 2012



CERTIFIED MAIL—7011 1150 0000 6739 6722
Return Receipt Requested

DECISION

Canyon Fuel Company, LLC	:	Coal Lease
c/o Ark Land Company	:	UTU-07064-027821
City Place One, Suite 300	:	
St. Louis, MO 63141	:	

Coal Lease Partial Relinquishment Accepted

On June 14, 2011, a partial relinquishment of the above noted federal coal lease was filed in the office by Canyon Fuel Company, LLC. This application was amended on February 23, 2012.

A determination has been made that the partial relinquishment of this lease is approved as of the date of filing. The relinquished lands are subject to the continued obligation of the lessee to make payment of all accrued rentals and royalties and to complete the reclamation of the relinquished lands.

The relinquished and retained lands are described as follows:

Coal lease UTU-07064-027821:

Relinquished Lands

T. 13 S., R. 13 E., SLM, Utah
Sec. 17, S $\frac{1}{2}$ N $\frac{1}{2}$, N $\frac{1}{2}$ SE $\frac{1}{4}$, SE $\frac{1}{4}$ SE $\frac{1}{4}$;
Sec. 18, S $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NW $\frac{1}{4}$;
Sec. 21, NW $\frac{1}{4}$ NW $\frac{1}{4}$.

Containing 440.00 acres

Retained Lands

Tract 1:
T. 13 S., R. 12 E., SLM, Utah
Sec. 13, S $\frac{1}{2}$;
Sec. 23, E $\frac{1}{2}$ E $\frac{1}{2}$, NE $\frac{1}{4}$ SW $\frac{1}{4}$, W $\frac{1}{2}$ SE $\frac{1}{4}$;
Sec. 24, all;
Sec. 25, N $\frac{1}{2}$ N $\frac{1}{2}$;
Sec. 26, N $\frac{1}{2}$ NE $\frac{1}{4}$;

T. 13 S., R. 13 E., SLM, Utah
Sec. 18, lots 3 and 4, E $\frac{1}{2}$ SW $\frac{1}{4}$, SE $\frac{1}{4}$;
Sec. 19, lots 1-4, E $\frac{1}{2}$ W $\frac{1}{2}$, NE $\frac{1}{4}$, NW $\frac{1}{4}$ SE $\frac{1}{4}$;
Sec. 30, lot 1.

Tract 2:
T. 13 S., R. 13 E., SLM, Utah
Sec. 18, lot 2;

(Retained Lands Continued)

Tract 3:

T. 13 S., R. 12 E., SLM, Utah
Sec. 23, E $\frac{1}{2}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$;
Sec. 25, N $\frac{1}{2}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$;
Sec. 26, NE $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$.

Tract 4:

T. 13 S., R. 12 E., SLM, Utah
Sec. 13, N $\frac{1}{2}$;
T. 13 S., R. 13 E., SLM, Utah
Sec. 18, lot 1;

Containing 2,881.15 acres

This decision may be appealed to the Interior Board of Land Appeals, Office of the Secretary, in accordance with the regulations contained in 43 CFR, Part 4, and the enclosed Form 1842-1. If an appeal is taken, your notice of appeal must be filed in this office (at the above address) within 30 days after receipt of this decision. The appellant has the burden of showing that the decision appealed from is in error.

Within thirty (30) days, Canyon Fuel Company, LLC must provide a map with the lease holdings, as modified, with an accounting of the recoverable tonnage.

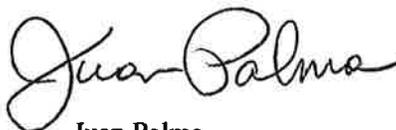
If you wish to file a petition (pursuant to regulation 43 CFR 4.21)(58 FR 4939, January 19, 1993)(request) for a stay (suspension) of the effectiveness of this decision during the time that your appeal is being reviewed by the Board, the petition for a stay must accompany your notice of appeal. A petition for a stay is required to show sufficient justification based on the standards listed below. Copies of the notice of appeal and petition for a stay **must** also be submitted to each party named in this decision and to the Interior Board of Land Appeals and to the appropriate Office of the Solicitor (see 43 CFR 4.413) at the same time the original documents are filed in this office. If you request a stay, you have the burden of proof to demonstrate that a stay should be granted.

Standards for Obtaining a Stay

Except as otherwise provided by law or other pertinent regulation, a petition for a stay of a decision pending appeal shall show sufficient justification based on the following standards:

- (1) The relative harm to the parties if the stay is granted or denied,
- (2) The likelihood of the appellant's success on the merits,
- (3) The likelihood of immediate and irreparable harm if the stay is not granted, and
- (4) Whether the public interest favors granting the stay.

If you have further questions call Bill Buge at (801) 539-4086.



Juan Palma
State Director

cc: Resource Development Coordinating Committee, ATTN: Mineral Leasing Taskforce,
116 State Capital Building, Salt Lake City, Utah 84114

ONRR, ACM, Solid Minerals Staff, Attn: LeeAnn Martin, MS62300B, Box 25165,
Denver, CO 80225-0165

Price Field Office (Attn: Steve Falk)

Mr. John Baza, Director, UDOGM, Box 145801, Salt Lake City, Utah 84114-5801

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

INFORMATION ON TAKING APPEALS TO THE INTERIOR BOARD OF LAND APPEALS

DO NOT APPEAL UNLESS

1. This decision is adverse to you,
AND
2. You believe it is incorrect

IF YOU APPEAL, THE FOLLOWING PROCEDURES MUST BE FOLLOWED

- 1. NOTICE OF APPEAL.....** A person who wishes to appeal to the Interior Board of Land Appeals must file in the office of the officer who made the decision (not the Interior Board of Land Appeals) a notice that he wishes to appeal. A person served with the decision being appealed must transmit the *Notice of Appeal* in time for it to be filed in the office where it is required to be filed within 30 days after the date of service. If a decision is published in the FEDERAL REGISTER, a person not served with the decision must transmit a *Notice of Appeal* in time for it to be filed within 30 days after the date of publication (43 CFR 4.411 and 4.413).
- 2. WHERE TO FILE**
- NOTICE OF APPEAL.....** Bureau of Land Management, Utah State Office, P. O. Box 45155, Salt Lake City, Utah 84145-0151 or Bureau of Land Management, Utah State Office, 440 West 200 South, Suite 500, Salt Lake City, Utah 84101 and
- WITH COPY TO SOLICITOR...** Regional Solicitor, Room 6201, 125 South State Street, Salt Lake City, Utah 84111
- 3. STATEMENT OF REASONS** Within 30 days after filing the *Notice of Appeal*, file a complete statement of the reasons why you are appealing. This must be filed with the United States Department of the Interior, Office of Hearings and Appeals, Interior Board of Land Appeals, 801 N. Quincy Street, MS 300-QC, Arlington, Virginia 22203. If you fully stated your reasons for appealing when filing the *Notice of Appeal*, no additional statement is necessary (43 CFR 4.412 and 4.413).
- WITH COPY TO SOLICITOR.....** and Regional Solicitor, Room 6201, 125 South State Street, Salt Lake City, Utah 84111
- 4. ADVERSE PARTIES.....** Within 15 days after each document is filed, each adverse party named in the decision and the Regional Solicitor or Field Solicitor having jurisdiction over the State in which the appeal arose must be served with a copy of: (a) the *Notice of Appeal*, (b) the Statement of Reasons, and (c) any other documents filed (43 CFR 4.413).
- 5. PROOF OF SERVICE.....** Within 15 days after any document is served on an adverse party, file proof of that service with the United States Department of the Interior, Office of Hearings and Appeals, Interior Board of Land Appeals, 801 N. Quincy Street, MS 300-QC, Arlington, Virginia 22203. This may consist of a certified or registered mail "Return Receipt Card" signed by the adverse party (43 CFR 4.401(c)).
- 6. REQUEST FOR STAY.....** Except where program-specific regulations place this decision in full force and effect or provide for an automatic stay, the decision becomes effective upon the expiration of the time allowed for filing an appeal unless a petition for a stay is timely filed together with a *Notice of Appeal* (43 CFR 4.21). If you wish to file a petition for a stay of the effectiveness of this decision during the time that your appeal is being reviewed by the Interior Board of Land Appeals, the petition for a stay must accompany your *Notice of Appeal* (43 CFR 4.21 or 43 CFR 2801.10 or 43 CFR 2881.10). A petition for a stay is required to show sufficient justification based on the standards listed below. Copies of the *Notice of Appeal* and Petition for a Stay must also be submitted to each party named in this decision and to the Interior Board of Land Appeals and to the appropriate Office of the Solicitor (43 CFR 4.413) at the same time the original documents are filed with this office. If you request a stay, you have the burden of proof to demonstrate that a stay should be granted.
- Standards for Obtaining a Stay.** Except as otherwise provided by law or other pertinent regulations, a petition for a stay of a decision pending appeal shall show sufficient justification based on the following standards: (1) the relative harm to the parties if the stay is granted or denied, (2) the likelihood of the appellant's success on the merits, (3) the likelihood of immediate and irreparable harm if the stay is not granted, and (4) whether the public interest favors granting the stay.

Unless these procedures are followed, your appeal will be subject to dismissal (43 CFR 4.402). Be certain that all communications are identified by serial number of the case being appealed.

NOTE: A document is not filed until it is actually received in the proper office (43 CFR 4.401(a)). See 43 CFR Part 4, Subpart B for general rules relating to procedures and practice involving appeals.

43 CFR SUBPART 1821--GENERAL INFORMATION

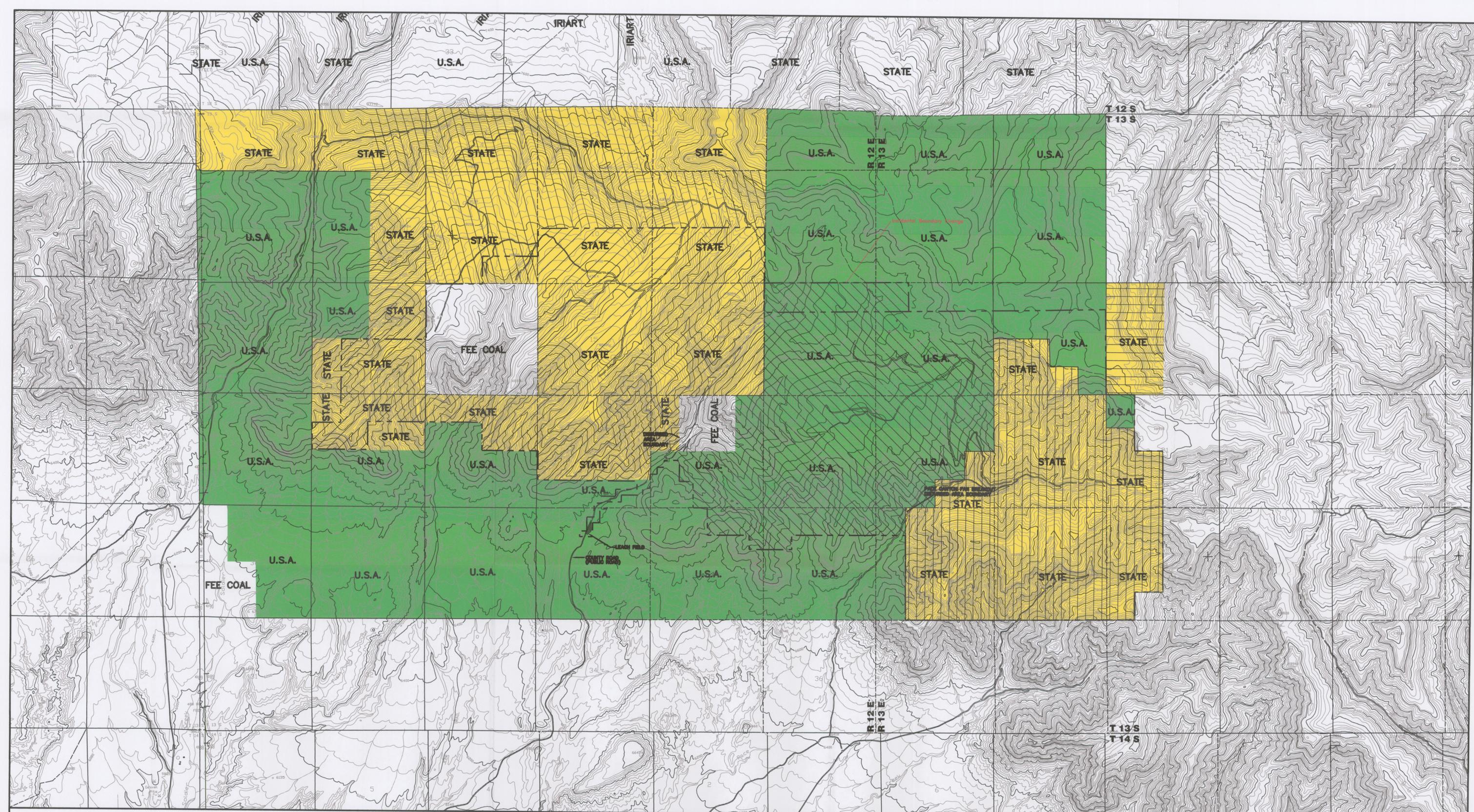
Sec. 1821.10 Where are BLM offices located? (a) In addition to the Headquarters Office in Washington, D.C. and seven national level support and service centers, BLM operates 12 State Offices each having several subsidiary offices called Field Offices. The addresses of the State Offices can be found in the most recent edition of 43 CFR 1821.10. The State Office geographical areas of jurisdiction are as follows:

STATE OFFICES AND AREAS OF JURISDICTION:

Alaska State Office ----- Alaska
Arizona State Office ----- Arizona
California State Office ----- California
Colorado State Office ----- Colorado
Eastern States Office ----- Arkansas, Iowa, Louisiana, Minnesota, Missouri
and, all States east of the Mississippi River
Idaho State Office ----- Idaho
Montana State Office ----- Montana, North Dakota and South Dakota
Nevada State Office ----- Nevada
New Mexico State Office ----- New Mexico, Kansas, Oklahoma and Texas
Oregon State Office ----- Oregon and Washington
Utah State Office ----- Utah
Wyoming State Office ----- Wyoming and Nebraska

(b) A list of the names, addresses, and geographical areas of jurisdiction of all Field Offices of the Bureau of Land Management can be obtained at the above addresses or any office of the Bureau of Land Management, including the Washington Office, Bureau of Land Management, 1849 C Street, NW, Washington, DC 20240.

(Form 1842-1, September 2006)



NOTE:
REFER TO REFUSE PILE AMENDMENT AND METHANE DEGASSIFICATION AMENDMENT FOR INFORMATION PERTAINING TO THEIR AREAS.

LEGEND

- U.S.A.** - UNITED STATES OF AMERICA
- STATE** - STATE OF UTAH
- FEE COAL** - CANYON FUEL COMPANY, LLC
- PERMIT AREA BOUNDARY

SELECTED LEASE IDENTIFICATION

-  ML - 42648 (STATE)
-  U - 07064 - 027821 (USA)
-  ML - 42649 (STATE)
-  ML - 48435 - OBA (STATE - SITLA)
-  ML - 50582 - OBA (STATE - SITLA)



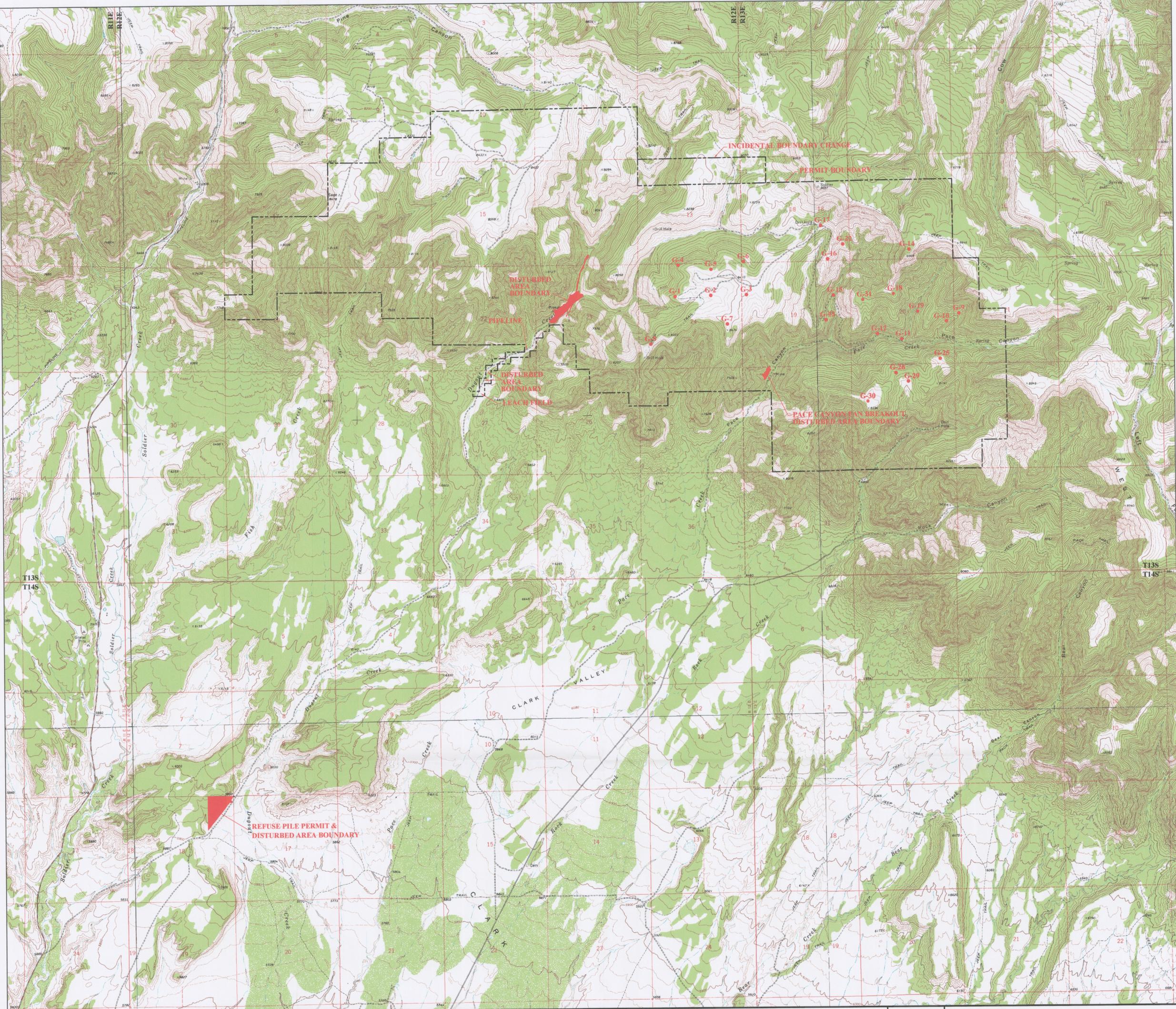
REVISION	
DATE	BY
12/19/03	DGS
01/26/07	JKS
10/10/07	JLP
02/21/08	VSM/SWF
03/02/12	JKS
06/06/12	JKS
06/24/16	JKS
06/27/16	DGS

Canyon Fuel Company, LLC
Soldier Canyon & Dugout Canyon Mines

COAL OWNERSHIP
RECEIVED JUN 27 2016
DIV. OF OIL, GAS & MINING

Dugout Canyon Mine

DRAWN BY: JLP DATE: MAY 10, 1999 D-439.PCP SCALE: 1"=1000'
APPROVED BY: DGS FILE NAME: X:\300M\Working Files\Dugout\Sitla\Plate 1-2.dwg DRAWING OR MAP NUMBER: PLATE 1-2



LEGEND

- PERMIT AREA BOUNDARY
- 9,801 10,008 PERMITTED ACRES
- 108.7 DISTURBED ACRES



REVISIONS	
DATE	BY
07/05/07	SC
09/04/07	SC
10/02/07	SC
02/21/08	VSM
10/01/08	VSM/SWF
04/23/09	VSM/SWF
06/16/09	VSM/SWF
08/05/09	VSM/SWF
03/25/10	VSM/SWF
03/02/12	JKS

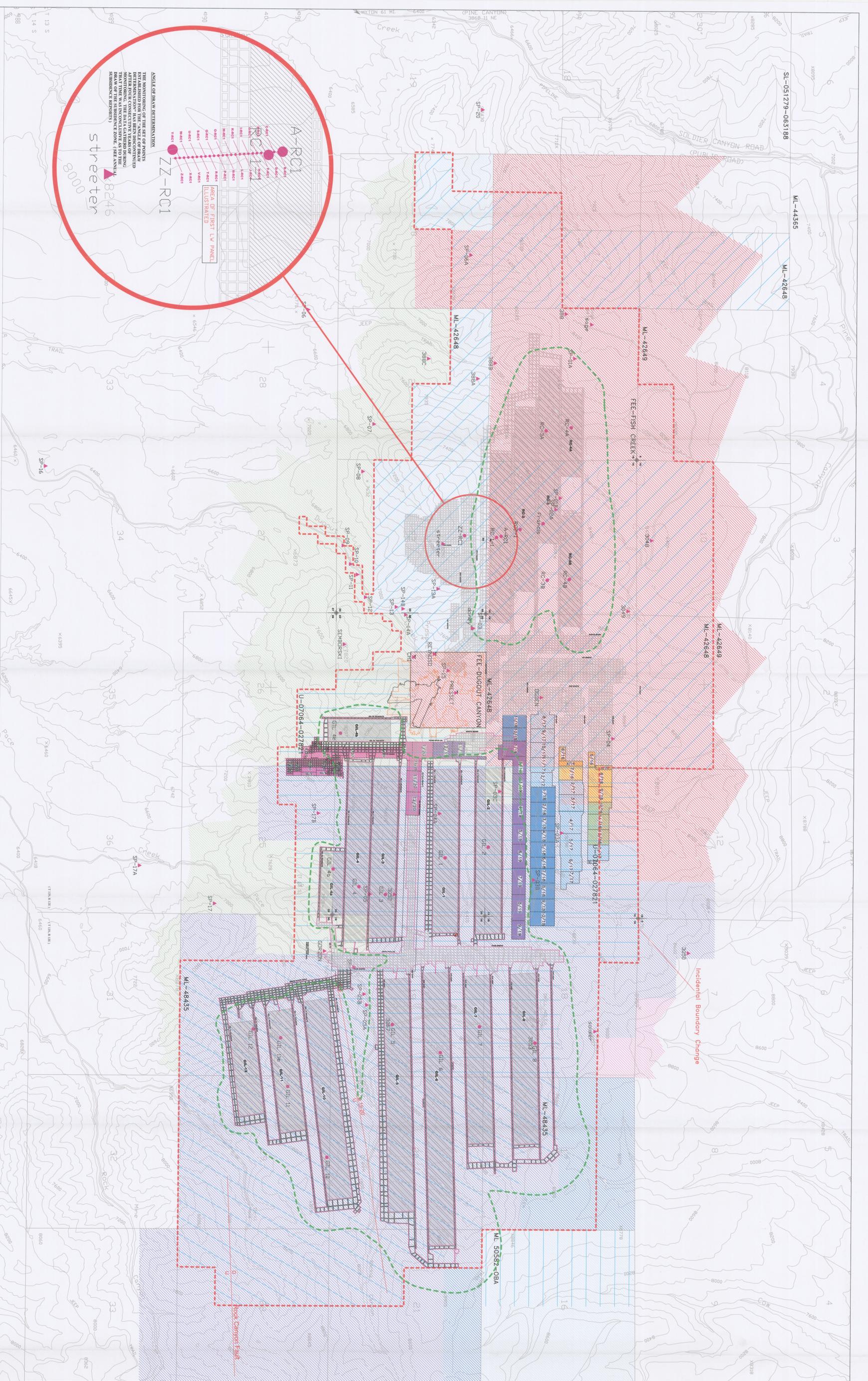
Canyon Fuel Company, LLC
Soldier Canyon & Dugout Canyon Mines

DUGOUT CANYON MINE
PERMIT AREA RECEIVED

JUN 27 2016
DIV. OF OIL, GAS & MINING

Dugout Canyon Mine

DRAWN BY: RR	DATE: FEBRUARY 26, 2003	SCALE: 1" = 2000'
APPROVED BY: VSM	FILE NAME: PLATE 1-4.DWG	DRAWING OR MAP NUMBER: PLATE 1-4



MINE PLAN PROJECTIONS

- 02/17/17 ROCK CANYON SEAM (OUTLINED IN BLACK)
- 02/17/17 GLEASON SEAM (OUTLINED IN MAGENTA)
- OLD WORKINGS

SELECTED LEASE IDENTIFICATION

- ML-48435 (STATE) STATE LEASE
- ML-42648 (STATE)
- U-07064 - 027821 (USA)
- ML-50562 - 08A (STATE)

LEGEND

- LOCATION OF FUTURE SUBSIDIARY MONITORING STATIONS
- LOCATION OF SUBSIDIARY MONITORING STATIONS
- COMPANY SURVEY MONUMENT
- FOUND SECTION CORNER
- POTENTIAL SUBSIDIARY BOUNDARY
- PERMIT AREA BOUNDARY
- X) APPROXIMATELY 30' ANGLE OF DRAW

PROJECTED MINING BY YEARS

- Previous Mining
- 1st Quarter 2016
- 2nd Quarter 2016
- 3rd Quarter 2016
- 4th Quarter 2016
- 2017
- 2018
- 2019
- 2020

LAND OWNERSHIP

- WILTON AND ARDITH THAVN TRUST
- UNITED STATES OF AMERICA
- STATE OF UTAH
- CANYON FUEL COMPANY, LLC
- CONDORIS, ET AL
- KFL RAUD PARTNERSHIP

NOTE:
 1. EXACT LOCATIONS OF FUTURE MONITORING STATIONS MAY VARY DEPENDING UPON ACCESSIBILITY, LINE OF SIGHT VISIBILITY, TERMIAN, ETC.
 2. REFER TO ANNUAL REPORTS FOR ADDITIONAL SUBSIDIARY INFORMATION.
 3. THE PROJECTED MINING ILLUSTRATED BEYOND THE CURRENT PERMIT AREA IS ONLY AN ACTUAL MINING OUTLINE OF CURRENT PERMIT AREA. MODIFICATIONS MAY BE MADE AND ALL PERMIT REQUIREMENTS WILL BE MET.

REVISION	DATE	BY
01/28/2017	AS	AS
04/27/2017	AP	AP
07/05/2017	SC	SC
10/23/2017	AP	AP
02/07/2018	AS	AS
04/09/2018	AS	AS
08/09/2018	AS	AS
02/27/2019	AS	AS
05/24/2019	AS	AS

Canyon Fuel Company, LLC
 Soldier Canyon & Dugout Canyon Mines

PROPOSED MINE SEQUENCE AND PLANNED SUBSIDIARY BOUNDARIES
 JAN 17 2018

Dugout Canyon Mine

REGISTERED PROFESSIONAL ENGINEER
 K. HARRIS
 STATE OF UTAH
 LICENSE NO. 10000

DATE: MAY 10, 2018
 SCALE: 1"=1000'
 SHEET NO. 1
 PLATE 3-7