

ADDENDUM TO UNITED STATES FUEL  
COMPANY PERMIT APPLICATION

FEDERAL LEASE U-51923

UNITED STATES FUEL COMPANY  
HIAWATHA, UTAH 84527

ACT/007/011-86A

# UNITED STATES FUEL COMPANY

HIAWATHA, UTAH 84527

February 13, 1987

Susan C. Linner, Permit Supervisor  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

RECEIVED  
FEB 17 1987

DIVISION OF  
OIL, GAS & MINING

Dear Ms. Linner;

Enclosed are ten copies of U.S. Fuel Company's "Addendum to United States Fuel Company Permit Application". This application is submitted in order to satisfy DOGM and OSM requirements so that mining may commence in Federal Lease U-51923.

We believe, as this federal lease is within our present permit boundary and permit application, that much of the required information has already been supplied in the current "Application For A Permit".

It is our opinion that the information (text and several revised exhibits) provided in this Addendum combined with the included references to the original permit should provide the Division and OSM with all the information required to grant U.S. Fuel approval to mine the new federal lease.

As we anticipate mining will be at the lease boundary in mid March, we hope you can expedite approval of this modification. Please contact me should you have any questions. Thank you for your assistance with this matter.

Sincerely,

*Jean Semborski*

Jean Semborski  
Environmental Coordinator

JS:lj



WORK COPY  
# 2 of 10

ADDENDUM TO U.S. FUEL COMPANY PERMIT APPLICATION  
FEDERAL LEASE U-51923

UNITED STATES FUEL COMPANY  
HIAWATHA, UTAH 84527

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DIVISION OF  
OIL, GAS & MINING

TABLE OF CONTENTS

CHAPTER I INTRODUCTION

Regulation	Verification of Application	Page(s)
771.27		1
	Introduction	2

TABLE OF CONTENTSCHAPTER II LEGAL, FINANCIAL, COMPLIANCE AND RELATED INFORMATION

Regulation		Page(s)
	Scope	3
782.13	Identification of Interests	3-10
	Table II-1 Carpenter town Coal and Coke Coal mining permits	7-9
782.14	Compliance Information	11-15
782.15	Right of Entry and Operation Information	16
782.16	Relationship to Areas Designated Unsuitable for Mining	17
782.17	Permit Term Information	18-19
	Table II-2 Mining Methods and Estimated Productivity	18
782.18	Personal Injury and Property Damage Insurance	20
782.19	Identification of Other Licenses and Permits	20-22
	Table II-3 Identification of Other Licenses and Permits	21-22
782.20	Identification of Location of Public Office For Filing of Application	23
782.21	Newspaper Advertisement and Proof of Publication	23

TABLE OF CONTENTSCHAPTER III UMC 783 REQUIREMENTS FOR INFORMATION ON ENVIRONMENTAL RESOURCES

Regulation		Page(s)
	Scope	24
783.11	General Requirements	24
783.12	General Environmental Resources Information	24
783.13	Description of Hydrology and Geology: General Requirements	24
783.14	Geology Description	25
783.15	Ground Water Information	25
783.16	Surface Water Information	25
783.17	Alternative Water Supply Information	26
783.18	Climatological Information	26
783.19	Vegetation Information	26
783.20	Fish and Wildlife Resources Information	26
783.21	Soil Resources Information	27
783.22	Land Use Information	27
783.24	Maps: General Requirements	27-28
783.25	Cross-Sections, Maps and Plans	28-29
783.27	Prime Farmland Investigation	29

TABLE OF CONTENTS

CHAPTER IV UMC 784 REQUIREMENTS FOR RECLAMATION AND OPERATION PLAN

Regulation		Page(s)
	Scope	
784.11	Operation Plan: General Requirements	30
784.12	Operation Plan: Existing Structures	30
784.13	Reclamation Plan: General Requirements	31
784.14	Reclamation Plan: Protection of Hydrologic Balance	31
784.15	Reclamation Plan: Post Mining Land Use	32
784.16	Reclamation Plan: Ponds, Impoundments, Banks, Dams, and Embankments	32
784.17	Protection of Public Parks and Historic Places	32
784.18	Relocation or Use of Public Roads	33
784.19	Underground Development Waste	33
784.20	Subsidence Control Plan	33
784.21	Fish and Wildlife Plan	34
784.22	Diversions	34
784.23	Operation Plan: Maps and Plans	34
784.24	Transportation Facilities	34
784.25	Return of Coal Processing Waste to Abandoned Underground Workings	34
784.26	Air Pollution Control Plan	35
800, 805, 806	Proposed Performance Bond	35

TABLE OF CONTENTSCHAPTER V UMC 817 PERMANENT PROGRAM PERFORMANCE STANDARDS  
UNDERGROUND COAL MINING ACTIVITIES

Regulation		Page(s)
	Scope	36
817.41-817.57	Hydrologic Balance: General Requirements	37
817.97	Protection of Fish, Wildlife and Related Environmental Values	37
817.121	Subsidence Control: General Requirements	38
817.126	Subsidence Control: Buffer Zones	38

LIST OF APPENDICES

		Page(s)
II-1	U.S. Fuel Company Property Ownership	39-50
II-2	Areas Designated Unsuitable For Mining	51-53
II-3	Certificate of Liability Insurance	54-55
II-4	Newspaper Advertisement	56-57

REVISED EXHIBITS SUBMITTED WITH THIS APPLICATION

- III-6A King No. 4 A Seam Mine Plan
- III-6B King No. 4 B Seam Mine Plan
- IV -1 Surface Ownership Map
- IV -2 Subsurface Ownership Map
- VI -3 A Seam Reserve Map
- VI -4 B Seam Reserve Map
- VII-1C Maximum Extent of Potential Subsidence

UMC 771.27 VERIFICATION OF APPLICATION

United States Fuel Company

Permit No. ACT/007/011

Errol M. Gardiner being first duly sworn, upon oath deposes and says that he is the Vice President and General Manager of United States Fuel Company and that he has reviewed and knows the contents of U.S. Fuel Company's Addendum to U.S. Fuel Company Permit Application submitted to the Utah Division of Oil, Gas and Mining and the Federal Office of Surface Mining in February 1987.

I verify that the above mentioned plan is true and correct to the best of my information and belief.

  
\_\_\_\_\_  
Errol M. Gardiner  
Vice President and General Manager

Subscribed and sworn to before me this 12 day of February 1987

  
\_\_\_\_\_  
Notary Public  
Henderson, Utah  
5-21-88

ADDENDUM TO UNITED STATES FUEL COMPANY PERMIT  
FEDERAL LEASE U-51923

CHAPTER I INTRODUCTION

In October, 1985, U.S. Fuel Company was granted federal lease U-51923, a 160 acre coal lease in T. 15 S., R. 8 E., the northwest quarter of Section 20. United States Fuel Company is the surface owner of this tract and is the surface and underground owner of the adjacent property. As this lease is restricted by outcrop on the north, east and south side and contains a limited coal reserve, it is economically accessible only from existing underground development work. United States Fuel Company is currently mining to the west of this federal lease and is mining toward the lease. Unless the coal reserve is extracted in sequence with the present workings it could be rendered inaccessible and therefore not mined.

This lease tract is within the present permit boundary. Mining of this lease will not create any new surface disturbance so no alteration of the present reclamation plan or bond should be required.

Coal from this lease would be extracted through the existing King 4 mine. There will be no new surface disturbance associated with the mining in this lease and no new facilities will be constructed. Acquisition of this lease will only alter underground mining plans. There will be no new surface disturbance in conjunction with the mining of this lease.

U.S. Fuel's existing mine permit application package, currently under review by DOGM and OSM, addresses all of the significant aspects of mining within the present mine permit boundary. As this block is incorporated within the present permit application, it has been evaluated as part of the entire mine plan area but not dealt with specifically. Where the discussion in the original permit application is sufficient to cover the requirements of the regulations the reader will be referred to the appropriate permit chapter in the original application. Some aspects which will require a more specific text will be elaborated on under the appropriate regulation.

CHAPTER II UMC 782 - REQUIREMENTS FOR LEGAL, FINANCIAL,  
COMPLIANCE, AND RELATED INFORMATION

Scope

United States Fuel Company is applying for a permit to extend their exiting underground coal mining operation into a recently acquired federal lease. The regulations promulgated under UCA 40-10-1 et seq., for the Utah Division of Coal Mining Activities are the guidelines for Chapter II, Legal, Financial, Compliance and Related Information. The prescribed UMC number reference is from the permanent program final rules.

UMC 782.13 Identification of Interests

782.13 (a) (1)

Permit applicant

United States Fuel Company  
P.O. Box A  
Hiawatha, Utah 84527  
(801) 343-2471

United States Fuel Company is a wholly owned subsidiary of Sharon Steel Corporation.

Principal office address:

U.S. Route 62  
Thomas Road  
Hubbard Township, Ohio 44425

Corporate office address:

6917 Collins Avenue  
Miami Beach, Florida 33141

- (a) (2) Surface and subsurface ownership is shown on Exhibits IV-1 and IV-2.
- (a) (3) Appendix II-1 has been revised to show the status of both surface and coal rights. The appendix lists five categories regarding ownership or leasehold interest. These five categories are delineated on revised Exhibits IV-1 and IV-2. Acreages for all five categories are presented for the permit area. The total of all acreages agrees with the areas delineated by the boundaries shown on the exhibits.
- (a) (4) Not Applicable
- (a) (5) United States Fuel Company will be the operator under this permit application.

(a) (6) Errol Gardiner, Vice President and General Manager  
United States Fuel Company  
P.O. Box A  
Hiawatha, Utah 84527 (801) 343-2471

(b) U.S. Fuel Company is a corporation and incorporated in the State of Nevada.

(b) (1) Name and address of every officer, partner director, or other person performing a function similar to a director of the applicant.

Officer authorized to act on behalf of United States Fuel Company is:

Mr. E.M. Gardiner, Vice President and General Manager

Address: United States Fuel Company  
P.O. Box A  
Hiawatha, Utah 84527

Officers authorized to act on behalf of Sharon Steel Corporation are:

Victor Posner, Chairman of the Board and Chief Executive Officer

Steven Posner, Vice Chairman of the Board and Chairman of the Executive Committee

Guy F. McCracken, Executive Vice President and Chief Operating Officer

Bernard M. Krakower, Senior Vice President and Secretary

Richard A. Luff, Corporate Controller

Addresses:

6917 Collins Avenue  
Miami Beach, Florida 33141  
or  
U.S. Route 62 at Thomas Road  
Hubbard Township  
Trumbull county, Ohio 44425

(b) (2) Name and address of any person who is a principal share holder of the applicant:

Sharon Steel Corporation  
U.S. Route 62 at Thomas Road  
Hubbard Township  
Trumbull county, Ohio 44425

- (b) (3) Names under which the applicant, partner or principal shareholder previously operated underground or surface coal mining activities in the United States within the 5 years preceding the date of application;

United States Fuel Company  
Hiawatha, Utah 84527

Carpenter Town Coal and Coke Company  
Templeton (Armstrong County), PA 16259

- (c) Listed above

- (d) Carpenter Town Coal and Coke, Sharon Pennsylvania 16146 is a wholly owned subsidiary of Sharon Steel.

As per UMC 782.14(a) the following is a list of coal mining permits held by Carpenter Town Coal and Coke subsequent to 1983. These permits are all of those required to conduct surface and underground coal mining operations in the state of Pennsylvania (see Table II-1).

Carpenter Town Coal and Coke has not been involved in any adjudicated proceedings in the past five years. No state or federal mining permit held by Carpenter Town Coal and Coke has, in the past five years, been suspended or revoked. Also, no mining bond or similar security has been forfeited by the company in the same time period.

- (e) Surface and subsurface ownership is presented on Exhibits IV-1 and IV-2.

Exhibit IV-3 shows the mine permit boundary, future mine permit boundary, coordinates, sections, drainages, major mine features, etc. This map can be used to orient all other exhibits through the use of coordinates.

Existing Mines: King No. 4 King No. 5 King No. 6

MSHA I.D. No. : 42-00098 42-01389 42-01599

Section No.s : 009 001  
015 002  
016 003  
017 004  
018

(b)-(e) United States Fuel Company uses the terms--patent, conveyance, warranty deed, and quit claim deed as legal descriptions of property ownership and acquisition with their conventional definitions. These words are defined in legal dictionaries. One that contains their definitions is Black's Law Dictionary fifth edition, West Publishing Company, ST. Paul, MN, 1979. The terms with their respective definitions are listed below.

**Conveyance:**

In its most common usage, transfer of title to land from one person, or class of persons, to another by deed. Term may also include assignment, lease, mortgage or encumbrance of land. An instrument by which some estate or interest in lands is transferred from one person to another; such as deed, mortgage, etc.

**Patent:**

A grant of some privilege, property, or authority, made by the government or sovereign of a country to one or more individuals.

The instrument by which a state or government grants public lands to an individual.

**Quit Claim Deed:**

A deed of conveyance operating by way of release; that is, intended to pass any title, interest, or claim which the grantor may have in the premises, but not professing that such title is valid, nor containing any warranty or covenants for title. Under the law of some states the grantor warrants in such deed that neither he nor anyone claiming under him has encumbered the property and that he will defend the title against defects arising under and through him, but as to no others.

**Warranty Deed:**

Deed in which grantor warrants good clear title. The usual covenants of title are warranties of seisin, quiet enjoyment, right to convey, freedom from encumbrances and defense of title as to all claims.

CARPENTER TOWN COAL AND COKE COAL MINING PERMITS

Table II-1

Underground Permits

<u>Permit Number</u>	<u>Type of permit</u>	<u>Issuing agency</u>
Federal Identification Number 36-04595		Mine Safety and Health Administration
139-1A-2	Subsurface mining	Pennsylvania Dept. of Environmental Resources
336-M0-38	Mine drainage	Pennsylvania D.E.R.
36-04025	Prep. Plant I.D. No.	M.S.H.A.
PA-0004201	NPDES	E.P.A.
0374203	Industrial Waste	Pennsylvania D.E.R.
365118	Industrial Waste	Pennsylvania D.E.R.

Table II-1

Surface Permits

<u>Permit Number</u>	<u>Type of Permit</u>	<u>Issuing Agency</u>
1) 3576BDM20	Mine drainage	Pennsylvania D.E.R.
2) 3570BSM26		
3) 3572BSM16		
1) 18410	Surface mining	Pennsylvania D.E.R.
2) 18411		
3) 18412		
4) 18413		
5) 18414		
6) 18415		
500081	Coal refuse disposal	Pennsylvania D.E.R.

Table II-1

Surface Permits - Pending Applications

<u>Permit Number</u>	<u>Type of Permit</u>	<u>Issuing Agency</u>
1) 03820122	Mine drainage	Pennsylvania D.E.R.
2) 03820123		
3) 03820124		
1) 500081-A	Coal refuse disposal	Pennsylvania D.E.R.
2) 03820702		

Each application shall contain a statement of all lands, interests in lands, options, or pending bids on interests held or made by the applicant for lands which are contiguous to the area to be covered by the permit

United States Fuel Company wishes to express interest in three lease tracts located within the boundaries of the known recoverable coal resource area. The following data relative to these tracts is submitted in connection with 44FR49522.

Lease Tract No. 1

- T.15 S., R.7 E., SLM, Utah - Emery County
  - Section 25, SW1/4
  - Section 26, S1/2
  - Section 35, A11
  - Section 36, W1/2
- T.16 S., R.8 E., SLM, Utah - Emery County
  - Section 1, SW1/4, S1/2 NW1/4, lots 3, 4
  - Section 2, A11

Lease Tract No. 2

- T.16 S., R.8 E., SLM, Utah - Emery County
  - Section 19, E1/2 Se1/4, SE1/4 NE1/4
  - Section 20, W1/2 SW1/4, SW1/4 NW1/4, SE1/4 SW1/4
  - Section 21, S1/2 SE1/4
  - Section 28, SW1/4, W1/2, NW1/4, N1/2 N1/2 NE1/4
  - Section 29, NW1/4, SE1/4 SE1/4
  - Section 30, NE1/4 NE1/4
  - Section 33, N1/2 Nw1/4, SW1/4 NW1/4

Lease Tract No. 3

- T.14 S., R.5 E., SLM, Utah - Emery County
  - Section 23, W1/2 NE1/4, NW1/4, SE1/4, SE1/4, E1/2 SW1/4
  - Section 26, E1/2
  - Section 35, N1/2 NE1/4, E1/2 W1/2, E1/2 SE1/4
  - Section 36, W1/2
- T.15 S., R.6 E., SLM, Utah - Emery County
  - Section 1, W1/2
  - Section 2, lots 1-3, SE1/4 NW1/4, NW1/4 SE1/4 E1/2 SE1/4 SE1/4 NE1/4
  - Section 11, E1/2, E1/2 W1/2
  - Section 12, W1/2 W1/2, E1/2 NW1/4, NE1/4 SW1/4

UMC 782.14 Compliance Information

a) Each application shall contain a statement of whether the applicant, subsidiary, affiliate, or persons controlled by or under common control with the applicant:

1) Had a federal or state mining permit suspended or revoked in the last five years; or,

Applicant's response: No

2) Forfeited a mining bond or similar security deposited in lieu of bond;

Applicant's response: No

b) Not required for negative responses in a).

c) A listing of each violation notice received by the applicant in connection with any underground or surface coal mining activities during the three year period before the application date, for violations of any law, rule or regulation enacted pursuant to Federal law, rule or regulation or of any provision of the Act pertaining to air or water environmental protection. The application shall also contain a statement regarding each violation notice, including:

1) The date of issuance and identity of the issuing division, department or agency.

2) A brief description of the particular violation alleged in the notice.

3) The date, location and type of any administrative or judicial proceedings initiated concerning the violation, including, but not limited to, proceedings initiated by the applicant to obtain administrative or judicial review of the violations.

4) The current status of the proceedings and of the violation notice.

5) The actions, if any, taken by the applicant to abate the violation.

Notices of Violation February 1984-February 1987

NOV 84-4-5-3

- 1) Issued by DOGM on February 15, 1984.
- 2) 1 of 3 - Failure to mine in accordance with approved interim permit.  
2 of 3 - Failure to mine in accordance with approved interim permit.  
3 of 3 - Failure to have sedimentation ponds certified after construction.
- 3) No proceedings were initiated.
- 4) 1 of 3 was terminated on March 5, 1984, 2 of 3 was terminated on February 13, 1984 and 3 of 3 was terminated on February 25, 1984.
- 5) 1 of 3 and 2 of 3 were abated by discontinuing use of an impoundment structure. 3 of 3 was abated by having the sediment ponds certified.

NOV 84-4-8-8

- 1) This violation was issued by DOGM on May 11, 1984.
- 2) 1 of 8 - Failure to mine in accordance with an approved interim permit.  
2 of 8 - Failure to prevent suspended solid contributions to streamflow.  
3 of 8 - Failure to pass disturbed area runoff through sediment pond.  
4 of 8 - Failure to store noncoal waste in a designated portion of the permit area.  
5 of 8 - Failure to maintain sediment pond.  
6 of 8 - Failure to prevent suspended solid contributions to streamflow.  
7 of 8 - Failure to construct adequate sediment control structures.  
8 of 8 - Failure to design and construct Class I road in order to control erosion and prevent contributions of suspended solids.
- 3) No proceedings took place.
- 4) 1 of 8 - terminated July 13, 1984  
2 of 8 - vacated  
3 of 8 - terminated May 22, 1984  
4 of 8 - terminated June 28, 1984  
5 of 8 - terminated May 2, 1984  
6 of 8 - terminated June 28, 1984  
7 of 8 - terminated June 27, 1984  
8 of 8 - terminated July 13, 1984

- 5) 1 of 8 - Installed stream channel protection.
- 2 of 8 - Violation vacated.
- 3 of 8 - Installed drainage control structures.
- 4 of 8 - Cleaned up area in question and stored material in approved location.
- 5 of 8 - Placed cap on sediment pond discharge pipe.
- 6 of 8 - Installed additional sediment control structures.
- 7 of 8 - Replaced culvert with a larger one.
- 8 of 8 - Constructed additional sediment control structures.

NOV 84-4-9-1

- 1) Violation issued by DOGM on June 8, 1984.
- 2) Failure to place and store noncoal waste in an appropriate manner.
- 3) No proceedings resulted.
- 4) Violation was terminated on June 8, 1984.
- 5) Noncoal waste was removed.

NOV 84-8-1-3

- 1) Issued by DOGM on August 10, 1984.
- 2) 1 of 3 - Failure to mine in accordance with approved interim permit.  
2 of 3 - Failure to pass runoff through sediment pond.  
3 of 3 - Failure to design and implement required plans.
- 3) No proceedings were initiated.
- 4) Violation 1 of 3 and 2 of 3 were terminated August 31, 1984. 3 of 3 was vacated.
- 5) 1 of 3 - Sediment ponds were certified after construction.  
2 of 3 - Drainage was diverted into sediment pond.  
3 of 3 - Vacated.

NOV 85-6-2-1

- 1) Issued by DOGM on February 26, 1985.
- 2) Failure to pass runoff through sediment pond.
- 3) No proceedings initiated.
- 4) Violation was terminated February 27, 1985.
- 5) Runoff was diverted into sediment pond.

NOV 85-6-10-1

- 1) Violation was issued by DOGM August 28, 1985.
- 2) Failure to maintain sediment control structures.
- 3) No proceedings were initiated.
- 4) Violation was terminated August 29, 1985.
- 5) Ditch leading to sediment pond was repaired.

NOV 85-6-12-1

- 1) Issued by DOGM September 13, 1985.
- 2) Failure to pass runoff through sediment pond.
- 3) No proceeding were initiated.
- 4) Violation was terminated September 13, 1985.
- 5) Ditch to sediment pond was repaired.

NOV 85-6-15-1

- 1) Issued by DOGM December 5, 1985.
- 2) Failure to maintain culverts and sediment pond inlets.
- 3) No proceedings were initiated.
- 4) Violation was terminated December 12, 1985.
- 5) Culverts and inlets were cleaned.

NOV 86-9-9-2

- 1) Issued by DOGM September 26, 1986.
- 2) 1 of 2 - Failure to maintain diversion ditches.  
2 of 2 - Conducting mining activities off the permit area.
- 3) No proceedings were initiated.
- 4) 1 of 2 was terminated September 29, 1986. 2 of 2 was vacated.
- 5) 1 of 1 - Ditch was repaired. 2 of 2 was vacated.

NOV 86-9-12-1

- 1) Issued by DOGM November 7, 1986.
- 2) Failure to maintain support facility.
- 3) No proceedings were initiated.
- 4) Violation was terminated November 12, 1986.
- 5) Leak in pipeline was repaired.

NOV 86-9-13-1

- 1) Issued by DOGM December 18, 1986.
- 2) Failure to maintain support facility.
- 3) No proceedings were initiated.
- 4) Violation was terminated January 23, 1987.
- 5) Leak in pipeline was repaired.

UMC 782.15 Right of Entry and Operation Information

UMC 782.15 (a) Each application shall contain a description of the documents upon which the applicant bases his or her legal right to enter and begin underground coal mining activities in the permit area and whether that right is the subject of pending litigation. The description shall identify those documents by type and date of execution, identify the specific lands to which the document pertains, and explain the legal rights claimed by the applicant.

Applicant's response:

Revised Appendix II-1 presents information regarding U.S. Fuel's ownership and leasehold interest. These categories are shown on revised Exhibits IV-1 and IV-2. The legend of Exhibit IV-1 identifies all contiguous lessors and provides an address where they may be contacted.

(b) For underground coal mining activities where the associated surface operations involve the surface mining of coal and the private mineral estate to be mined has been severed from the private surface estate, the application shall also provide, for lands to be affected by those operations within the permit area.

Applicant's response:

All surface operations are located on fee lands and no surface mining of coal is anticipated.

UMC 782.16 Relationship to Areas Designated Unsuuitable For Mining

UMC 782.16 (a) Each application shall contain a statement of available information on whether the proposed permit area is within an area designated unsuitable for surface effects of underground coal mining activities under 30CFR 764 and 765 and UMC 764 and 765 or under study for designation in an administrative proceeding initiated or under those Parts.

Applicant's response:

According to DOGM (W. Hedberg, Personal Communication, 13 October 1983), there are no administrative proceedings occurring at this time to designate as unsuitable for mining any property within the proposed permit areas. (See Appendix II-2).

(b) If an applicant claims the exemption in UMC 786.19 (d) (2), the application shall contain information supporting the applicant's assertion that it made substantial legal and financial commitments before January 4, 1977, concerning the proposed underground mining activities.

No exemption claimed.

(c) If an applicant proposes to conduct or locate surface operations or facilities within 300 feet of an occupied dwelling, the application shall include the waiver of the owner of the dwelling as required in UMC 761.12 (e).

Applicant's response:

All occupied dwellings within 300 feet of any proposed mining operations are owned by U.S. Fuel Company. Therefore, no waiver will be required.

UMC 782.17 Permit Term Information

UMC 782.17 (a) Each application shall state the anticipated or actual starting and termination date of each phase of the underground coal mining activities and the anticipated number of acres of surface lands to be affected, and the horizontal and vertical extent of proposed underground mine workings, for each phase of mining and over the total life of the permit.

Table II-2 below presents the required information. The vertical extent of mine workings are limited to the relationships of coal seams and are depicted in Exhibits VI-6A and VI-6B.

UMC 782.17

Table II-2

Mining Methods and Estimated Productivity

<u>Mine</u>	<u>Seam</u>	<u>Mining Methods</u>	<u>Production Date</u>	<u>Termination Date</u>	<u>Estimated Productivity</u>
King 4	B	Continuous Miner Room and Pillar	Operating	2004	700,000 Tons/Year
King 4	A	Continuous Miner Room and Pillar	Operating	2014	200,000 Tons/Year
King 5	B	Continuous Miner Room and Pillar	Operating	2000	250,000 Tons/Year
King 5	A	Longwall and Room and Pillar	2000	2004	450,000 Tons/Year
King 6	H*	Continuous Miner	1981	2005	384,000 Tons/Year

\* Hiawatha

In reference to the U-51923 lease area specifically the required information is supplied:

Anticipated starting date: (date production will reach lease boundary)	March 15, 1987 for B seam mining Jan. 1990 for A seam mining
Anticipated number of acres of surface land to be affected:	0 acres
Horizontal and Vertical extent of proposed underground mine workings:	Approximately 61 acres will be mined in the B seam. The coal will vary in vertical height between 5 to 6 feet  Approximately 68 acres will be mined in the A seam. The coal will vary in vertical height from 10 to 11 feet.
Anticipated termination date: (Date by which all mineable coal will have been removed from both seams.)	December 2014

- (b) If the applicant proposes to conduct the underground coal mining activities in excess of five years, the application shall contain the information needed for the showing required under UMC 786.25 (a).

Applicant's response:

U.S. Fuel Company is applying for a five year permit term although the application is full and complete for varying longer terms. Amendments to the permit are expected to be made during the course of the permit term.

### UMC 782.18 Personal Injury and Property Damage Insurance

A copy of the company's current Certificate of Liability Insurance as filed with the Utah DOGM is attached in Appendix II-3.

### UMC 782.19 Identification of Other Licenses and Permits

A listing of Licenses and Permits identifies those issued to U.S. Fuel Company by various government agencies. The list is compiled under Table II-3.

An NPDES discharge permit (UT-00023-94) has been issued by the Environmental Protection Agency and certified for compliance with applicable state water quality standards by the Utah Division of Environmental Health. A copy of the permit, showing the number and location of discharge points, is included in the original permit application in Chapter II, Section 2.9.

The State Division of Environmental Health inspects U.S. Fuel Company's facilities for compliance with PSD requirements on a regular basis. A letter verifying this compliance can be found in the original permit application in chapter II, Section 2.9.

Right of Way permits exist for: Utah Railway haulage facilities, Utah Power and Light power lines and Mountain Bell buried telephone cables. Special use permits and leases are issued by the Forest Service and the Bureau of Land Management for livestock grazing on lands where the surface is owned by the Federal Government.

Text reference:                   Application for a permit, March 1981, Volume I, latest revision Chapter II, Section 2.9

Table II-3

## UMC 782.19 Identification of Other Licences and Permits

Permit	Permitting Agency	Statute
1. NPDES Permit No. UT-0023094	U.S. Environmental Protec- tion Agency Region VIII 1860 Lincoln Street Denver, Colorado 80295	Permit Granted 10/17/80
2. Water Supply Facility No Identification Number	Utah Division of Environmental Health 150 West North Temple Salt Lake City, Utah 84110	Facilities Approved 03/17/80
3. Sedimentation Ponds No Identification Number	Utah Division of Water Rights 1636 West North Temple Salt Lake City, Utah 84116	Ponds Approved 10/16/79
4. Refuse Piles and Slurry Impoundments No Identification Number	U.S. Army Corps Engineers 125 South State Salt Lake City, Utah 84111	Permit Granted Under Section 404 WPCA of 1972
5. USGS Conservation Division of Mining Plan No Identification Number	U.S. Geological Survey 8426 Federal Building 125 South State Salt Lake City, Utah 84111	Approved 11/22/78
6. King IV Roof Control Plan Identification Number 42-00098	Coal Mine Safety and Health Box 25367 Denver, Colorado 80225	Approved 04/25/79
King IV Ventilation Plan Identification Number 42-00098	Coal Mine Safety and Health Box 25367 Denver, Colorado 80225	Approved 03/20/80
King V Roof Control Plan Identification Number 42-01389	Coal Mine Safety and Health Box 25367 Denver, Colorado 80225	Approved 05/05/80
King V Ventilation Plan Identification Number 42-01389	Coal Mine Safety and Health Box 25367 Denver, Colorado 80225	Approved 09/06/79

Table II-3

UMC 782.19 Identification of Other Licences and Permits  
(continued)

Permit	Permitting Agency	Statute
Refuse Piles and Slurry Impoundment Stability Identification No. 1211-UT-9-0001 1211-UT-9-0002 1211-UT-9-0003 1211-UT-9-0004 1211-UT-9-0005 1211-UT-9-0007	Coal Mine Safety and Health Box 25367 Denver, Colorado 80225	Approved 1976
King VI Compliance Permits	Coal Mine Safety and Health Box 25367 Denver, Colorado 80225	Approved 01/83

UMC 782.20 Identification of Location of Public Office For Filing of Application

Each application shall identify, by name and address, the public office where the applicant will simultaneously file a copy of the application for public inspection under UMC 786.11 (d).

A copy of the application will be filed with County Recorder for public inspection and comment at the following location:

Carbon County Recorder  
Carbon County Courthouse Building  
Price, Utah 84501 (801) 637-2543

UMC 782.21 Newspaper Advertisement and Proof of Publication

A copy of the newspaper advertisement of the application and proof of publication of the advertisement shall be filed with the Division and made a part of the complete application not later than four weeks after the last date of publication required under UMC 786.11 (a). The newspaper advertisement and proof of publication will be located in Appendix II-4.

## CHAPTER III UMC 783 - Information On Environmental Resources

### Scope

United States Fuel Company would like to apply information already submitted in their original permit application to the requirements of this section on environmental resources. As the lease block is already included in the original application we will reference the appropriate material rather than include all of the original submittal. As the lease block is to be accessed from existing underground workings and handled through existing surface facilities, no new surface disturbance will be associated with the mining of this lease. There should be no impact on environmental resources.

### UMC 783.11 General Requirements

Environmental resources existing in this and adjacent portions of the permit area are discussed in detail in the original permit application. The 120 acres above this lease are fee property and compose a relatively small portion of the permit area. As no surface disturbance will be associated with the mining of this lease, environmental resources will not be affected.

### UMC 783.12 General Environmental Resources Information

Federal Lease U-51923 is composed of 160 acres. Approximately half of the acreage has mineable coal reserves. U.S. Fuel Company would like to begin mining in this lease by March 15, 1987. Additional sections will mine this coal block, at a later date, in the mining sequence for this area.

No known cultural or historic resources exist on this 160 acre tract. A site search was completed by the Utah Division of State History (Utah State Historical Society) for the lease area and entire permit area. As no surface disturbance will occur on the lease area, all mining activity being restricted to underground, no additional site surveys will be performed.

For a more detailed review of archeological, cultural or historical resources in this and adjacent areas, refer to chapter V in the original permit submission.

Text reference: Application For A Permit, March 1981, Volume I, Chapter V

### UMC 783.13 Description Of Hydrology and Geology: General Requirements

Information on the geology, hydrology, water quality and quantity for this lease area can be found in the original permit application under the appropriate chapters. All hydrologic information for the permit area can be found in chapter VII. Information pertaining to the geology is located in chapter VI.

#### UMC 783.14 Geology Description

The geology of the lease area is like that of the adjacent permit area geology. Coal will be mined in the B and A seams in this lease tract. No surface drill hole information is available in this section. No overburden will be removed and no surface disturbance will be created. As a geologic analyses has been done on the coal bearing strata, which includes this tract as well, the reader is referred to the original permit submittals regarding the geology of this region.

Text reference: Application For A Permit, March 1981, Volume II, latest revision Chapter VI

Map reference: Exhibits VI-1, VI-6.A.1. - 6 C latest revisions

#### UMC 783.15 Ground Water Information

The ground water hydrology for the permit area, including this lease, has been dealt with in depth in the original permit submittal. No springs have been located on this block. As this block of coal is bounded by outcrop on three sides it has a negligible hydrologic regime. No known aquifers are present. No ground water has been encountered in the mine sections adjacent to this block therefore no quality data is available. No groundwater should be encountered in lease block either based on past experience in this area. Water monitoring points have been established and sampled for streams in this vicinity and the entire permit area.

See text and map references below.

#### UMC 783.16 Surface Water Information

Surface water is discussed for the permit area, including this block, in the original permit application. As no surface disturbance will be required to mine this lease, no impact on surficial water should occur. Springs and streams are depicted on Exhibit VII-1 and VII-1D. Surface water quality data for points adjacent to this lease block is located in the original permit application.

All mining activity in this lease block will occur above the stream elevation. No underground mining activities will be within 500 feet of the stream channels.

Text reference: Application For A Permit, March 1981, Volume II, latest revision Chapter VII, Section 7.1 Ground Water Hydrology  
Section 7.2 Surface Water Hydrology

Map reference: Exhibits VII-1, 1A, 1B, 1C, 1D latest revisions

#### UMC 783.17 Alternative Water Supply Information

Proposed underground mining activities should not result in any contamination, diminution or interruption of underground aquifers or surface water sources. This concern is addressed in the original permit application which the reader can reference for further discussion.

Text reference: Application For A Permit, March 1981, Volume II, latest revision Chapter VII, Section 7.2, p. 10-12

#### UMC 783.18 Climatological Information

Climatological information for the permit area is contained in the original permit application.

Text reference: Application For A Permit, March 1981, Volume IV, Chapter XI

#### UMC 783.19 Vegetation Information

Included in the original permit application are maps, descriptions and reference areas for disturbed areas in the permit area. Since no new surface disturbance will be associated with mining in this lease, no new vegetative information has been generated. Present operating surface facilities will be utilized during mining in this new lease block. Complete reclamation and revegetation plans can be referenced in the original permit submittal.

Text reference: Application For A Permit, March 1981, Volume III, latest revision Chapter IX

Map reference: Exhibit IX-1 latest revision

#### UMC 783.20 Fish and Wildlife Resources Information

Fish and wildlife studies have been performed on the portions of the permit area where surface disturbance exists or may exist. As there will be no surface disturbance associated with mining in the new lease, no studies have been conducted specifically on the coal block. However, the fish and wildlife resource have been evaluated for this block as well as the entire permit area and are described by text and depicted by map in Chapter X. References are made to the appropriate submittal for further study.

Text reference: Application For A Permit, March 1981, Volume III, Chapter X Mining and Reclamation Plan, July 1983, Chapter X, p. X-6A, X-6B, X-6C

Map reference: Response To Determination of Adequacy, November 7, 1983,  
Exhibits X-1, X-2, X-3A

#### UMC 783.21 Soil Resources Information

As no new surface disturbance will occur in conjunction with the mining of the new lease no new soil information has been generated. The original mine permit application does contain information on the present disturbed areas associated with current mining operations. This material can be referenced in Chapter VIII.

Text reference: Application For A Permit, March 1981, Volume III, latest revision Chapter VIII

#### UMC 783.22 Land Use Information

No surface disturbance will be necessary to mine the new lease. As it is accessible entirely by underground workings, no change in the surface land use is anticipated. A narrative discussing the land use and land status of the entire permit area can be found in Chapter IV.

The proposed mining area, that of U-51923, has not been mined in the past.

Included in Chapter IV of the original permit application is a discussion of the existing uses and classifications for the entire permit area. This lease block would be included in the discussion. Also, Exhibit IV-3A depicts various land use qualities for this block as well as the entire permit area.

Text reference: Application For A Permit, March 1981, Volume I, latest revision Chapter IV

Map reference: Exhibit IV-3A

#### UMC 783.24 Maps: General Requirements

Boundaries of lands and names of present owners of record for both the surface and sub-surface, included in and contiguous to the lease block and for the entire permit area are depicted in Exhibits IV-1 and IV-2.

United States Fuel Company has the legal right to enter and mine all land shown on the mine permit area map Exhibit IV-3.

Exhibit IV-3 also depicts includes all areas that could potentially be affected by mining activities for the life of the mine. No additional sub-areas are expected to be permitted at this time.

No buildings are located in or within 1000 feet of the lease area.

No surface or sub-surface man-made features are located in the new lease area

No reference areas are located in the lease area because there is to be no new surface disturbance.

No discharge will occur from the lease block.

No public roads are located in or within 100 feet of the lease area.

No public parks or locations of any cultural or historical resources are found located above the lease block.

No public or private cemetery or Indian burial ground is located within the confines of the lease block or adjacent to it.

Map reference: Exhibits IV-1, IV-2 and IV-3 latest revisions

#### UMC 783.25 Cross-sections, Maps and Plans

No drill holes exist in the new lease block area.

Stream monitoring stations for the permit area are shown on Exhibit VII-1. More detailed information on surface water monitoring can be found in Chapter VII in the original permit submission.

The nature, depth and thickness of the coal seams to be mined have been addressed in Chapter VI of the original permit application. As this lease is a block of coal contiguous to the present mine works the general geology and conditions will be the same.

Outcrop lines and the strike and dip of the coal seams to be mined in the lease block and adjacent permit area are shown on Exhibits VI-3 and VI-4.

The location and extent of know workings active and inactive and mine openings for the King 4 mine are shown on Exhibit III-6B. There are no mine openings to the surface or other underground workings in the new lease block.

No significant amount of sub-surface water is known to exist in the lease block area and adjacent mined area.

Surface water bodies that may occur in or adjacent to the lease area are depicted on Exhibit VII-1.

No surface mined areas exist on or near the lease block.

There exists no areas of spoil, waste, development waste, dams, embankments or impoundments within the lease boundary.

Map reference: Exhibits VI-3, VI-4, III-6B, VII-1

No gas or oil wells are located within the lease block.

UMC 783.27 Prime Farmland Investigation

No surface disturbance will occur in order to mine the new lease. All coal reserves will be accessed through existing underground workings. A prime farmland investigation was performed for the entire permit area. The determination was made that there is no prime farmland in the permit area and the narrative can be found in Chapter VIII.

Text reference: Application For A Permit, March 1981, Volume III, Chapter VIII, Appendix VIII-2

## CHAPTER IV UMC 784 - REQUIREMENTS FOR RECLAMATION AND OPERATION PLAN

### Scope

All coal mined in federal lease U-51923 will be accessed through existing underground workings in the King 4 mine. The coal will be handled through existing surface facilities that have been discussed in the original permit application. Reclamation and operation plans have been developed for the present operations and are located in Chapter III of the original permit application. No new surface disturbance will be implemented for the mining development of the new lease block. The present reclamation plan will cover all of the disturbance associated with the King 4 mine. The plan is contained within Chapter III in the original mining permit application.

### UMC 784.11 Operation Plan: General Requirements

Coal mined from federal lease U-51923 will be basically a minor extension of the King 4 mine. All mining methods, engineering techniques and equipment which has been set forth in the original permit for the operation of the King 4 mine will apply to this lease as well. Mining in the lease will be conducted according to typical room and pillar mining methods. Mining operations will leave a 200 foot coal barrier between the end of the mined section and the outcrop. Production from this lease will be incorporated into the total production from the King 4 mine. Anticipated annual production from the King 4 mine is approximately 700,000 tons per year. This estimate incorporates production from the lease area as well. Production from the lease area will fluctuate depending on the mining rate and conditions encountered. In this lease block, approximately 580,000 tons of coal reserve exists in the B seam and approximately 1,200,000 tons of coal reserve exists in the A seam. This estimate incorporates a two hundred foot coal barrier between the mine workings and the seam outcrop, a recovery factor of eighty percent and optimal conditions. Should adverse conditions be encountered reserve estimates would diminish.

Narrative explaining construction, modification, use, maintenance and removal of the facilities associated with the King 4 mine facility have already been addressed in Chapter III. No new facilities will be required for mining in the new lease block.

Text reference: Application For A Permit, March 1981, Volume I, latest revision  
Chapter III

#### UMC 784.12 Operation Plan: Existing Structures

No new structures will be constructed in conjunction with mining in the new lease block. Coal mined from the lease will be handled through the existing King 4 facilities. These facilities are addressed in the existing mine permit application in Chapter III.

Text reference: Application For A Permit, March 1981, Volume I, latest revision, Chapter III

#### UMC 784.13 Reclamation Plan: General Requirements

As no new disturbance will occur as a result of mining in the new lease block, no reclamation plan is necessary for the lease block alone. A reclamation plan has already been submitted which covers reclamation of the surface mining associated disturbance in the permit area. Refer to Chapter III for the reclamation plan.

U.S. Fuel Company has obtained the lease for the coal in the NW 1/4 of Section 20 in order to maximize the recoverable coal resources available in this area. As the lease contains a mineable amount of coal in two seams, U.S. Fuel would like to utilize their underground access to mine this reserve. If the coal is not recovered by the present development in the vicinity, the reserve may be lost as it would probably not be great enough to justify the costs that would be incurred from accessing it from the surface, (i.e., constructing surface access and support facilities, plus reclamation costs).

In order to maximize the coal available, the lease block will be mined as an integral part of the mining sequence in the area. The coal reserve will be developed and extracted for a total recovery of about 80% of the coal seam.

Should adverse conditions be encountered, portions of the area may be determined to be unmineable. Justification for not recovering the coal from the lease would be based on an economical evaluation of geologic anomalies such as burned coal, thinning of the seam or other unforeseeable factors.

Text reference: Application For A Permit, March 1981, Volume I, latest revision Chapter III

#### UMC 784.14 Reclamation Plan: Protection Of Hydrologic Balance

Protection of the hydrologic balance for the mine plan area has been discussed in depth in Chapter VII of the original permit submission. As mining of this lease block will only be an extension of the existing King 4 mine, the narrative is applicable to this block as well. No breakouts for air or access are planned during mining of this new reserve block, therefore, no stream contamination from mine water discharge will be possible. As no new structures or disturbance will occur on this lease block, no new sediment control facilities are being planned.

A plan for the collection, recording and reporting of ground and surface water on or adjacent to this lease block is presented in Chapter VII.

Mining of the lease coal should have little or no effect on the hydrologic regime of the area. A spring inventory done in 1983 failed to locate any springs on this block. The lease block is relatively isolated with respect to hydrologic considerations. As it has outcrop on three sides it lacks a source for groundwater recharge. The lease block's connection to Gentry Mountain on the west is down dip from the lease block and therefore would preclude it as a source of groundwater recharge. The outcrop of the lease block is steep and would limit the ability of surface water to percolate in. The streams adjacent to the lease block are fed by surface runoff and springs from the top of Gentry Mountain. Mining of this lease would have no affect on their source.

Text reference: Application For A Permit, March 1981, Volume II, latest revision Chapter VII

Map reference: Chapter VII Exhibits latest revisions

#### UMC 784.15 Reclamation Plan: Postmining Land Use

Postmining land use of this area will be the same as the premining use.

Underground mining activities will not interrupt the present land usage. Refer to the original permit application for a dicussion of the permit area land use.

Text reference: Application For A Permit, March 1981, Volume I, latest revision Chapter IV

#### UMC 784.16 Reclamation Plan: Ponds, Impoundments, Banks, Dams and Embankments

There are no man made ponds, impoundments, bank, dams and embankments within or adjacent to the lease block.

#### UMC 784.17 Protection Of Public Parks And Historic Places

No parks or historic places exist within or adjacent to the lease block.

### UMC 784.18 Relocation Or Use Of Public Roads

No public roads lie within the lease block boundaries or within 100 feet.

### UMC 784.19 Underground Development Waste

No underground development waste will be generated as a result of mining in the new lease block. No disposal site will be required. Refer to Chapter III of the original submittal for the discussion on underground development waste.

Text reference: Application For A Permit, March 1981, Volume I, latest revision Chapter III, Section 3.4, pages 35 and 36

### UMC 784.20 Subsidence Control Plan

A subsidence control plan has been presented in the original permit application for the entire permit area, of which this new lease is a part. The plan can be found in Chapter III.

Mining operations in the new lease block will minimize potential subsidence effects by leaving a 200 foot barrier between the mine workings and the outcrop.

The potential area of impact is depicted on Exhibit VII-1C for the lease area as well as the entire permit area. It is most probable that no subsidence effects will occur in the lease area based on the mining plan and cover over the mine workings, and past experience. The North Fork stream channels cutting through this lease lie out of the potential zone of impact and are lower in elevation than the mine workings so they definitely would not be affected by underground mining in this lease block. No surface water sources are found to emanate from the lease block area. No water is produced in underground workings adjacent to this lease block.

As United States Fuel Company is the surface owner on this block the question of affecting the rights of the surface owner should not result in litigation.

Text reference: Application For A Permit, March 1981, Volume I, latest revision Chapter III, Section 3.4, pages 34 and 35, Chapter III, Section 3.5, page 10, Chapter VII, Section 7.1, pages 14-25

Map reference: Exhibit VII-1C latest revision

#### UMC 784.21 Fish And Wildlife Plan

As mining in this lease block will be only a continuation of the King 4 underground workings, there should be no affect on the fish and wildlife in the vicinity. The original mine permit application addresses this issue for the entire permit area and should be referenced if additional information on the permit area is desired.

Text reference: Application For A Permit, March 1981, Volume I, latest revision  
Chapter III, Section 3.4, pages 28 through 33

#### UMC 784.22 Diversions

No diversions occur within the lease boundary.

#### UMC 784.23 Operation Plan: Maps And Plans

Mining in the new lease will result in no new surface facilities or land disturbance. Specific maps and plans have been presented in Chapter III of the original permit application which cover each location of disturbance in the permit area.

Text reference: Application For A Permit, March 1981, Volume I, latest revision  
Chapter III

Map reference: Chapter III Exhibits latest revisions

#### UMC 784.24 Transportation Facilities

No road, conveyor or rail system will be present within the boundary of the lease block.

#### UMC 784.25 Return Of Coal Processing Waste To Abandoned Underground Workings

No coal processing waste will be returned to any underground workings in the permit area.

UMC 784.26 Air Pollution Control Plan

No fugitive dust will result from mining activities in the new lease. An air pollution control plan is presented in Chapter III of the original permit application that covers possible sources of pollution in the permit area.

Text reference: Application For A Permit, March 1981, Volume I, latest revision  
Chapter III, Section 3.4, pages 33 and 34

UMC 800, 805, 806 Proposed Performance Bond

Cost estimates for reclamation of North Fork, South Fork, Middle Fork and the Hiawatha Processing Plant and Loadout Facility are presented in table form. (See Tables III-10, III-11, III-12 and III-13 in the original permit application--Application For A Permit, March 1981, Volume 1, latest revision Chapter III).

UMC 817 Permanent Program Performance Standards Underground Coal Mining  
Activities

Scope

U.S. Fuel Company proposes to mine federal lease U-51923 through existing underground workings. This will result in a minor increase in the underground extent of mined area. No additional surface area will be disturbed in order to mine this lease. Coal mined from the lease area will be handled by existing facilities. Lease coal will be a minor portion of the total mine production. The total estimated coal production from the King 4 mine is projected to remain constant over the next five years.

Utilizing the present coal handling facilities to mine the lease block will eliminate the need to permit for new disturbed area. The existing facilities have been addressed by a prior permit application and are in compliance with all of the performance standards. Should it be necessary to know how these have been addressed, Chapter III contains specific information in regard to existing facilities and performance standards.

The following sections have been addressed under a previous permit submittal for the mine facilities. They are not directly applicable to the lease block itself. Refer to:

Text References: Application For A Permit, March 1981, Volume I, latest  
revision Chapter III

UMC 817.11, 817.13, 817.14, 817.15, 817.21, 817.22, 817.23, 817.24, 817.25,  
817.41, 817.59, 817.61, 817.62, 817.65, 817.67, 817.68, 817.71, 817.72,  
817.73, 817.74, 817.81, 817.82, 817.83, 817.85, 817.86, 817.87, 817.88,  
817.89, 817.91, 817.92, 817.93, 817.95, 817.99, 817.100, 817.101, 817.103,  
817.106, 817.111, 817.112, 817.113, 817.114, 817.115, 817.116, 817.117,  
817.131, 817.132, 817.133, 817.150, 817.151, 817.152, 817.153, 817.154,  
817.155, 817.156, 817.160, 817.161, 817.162, 817.163, 817.164, 817.165,  
817.166, 817.170, 817.171, 817.172, 817.173, 817.174, 817.175, 817.176,  
817.180, 817.181

The following information is provided specifically for the new lease area.

UMC 817.41-817.57 Hydrologic Balance: General Requirements

Underground coal mining in the area of the lease will not change the prevailing hydrologic balance of the lease area or adjacent area. No surface disturbance will occur. As explained earlier under Section UMC 783.15 and 784.14, the hydrologic regime of this area is quite limited and no adverse change is expected. As no surface breakouts will be implemented, no underground mine drainage will mix with surface waters and no special seals will need to be considered. No surface disturbance will occur in conjunction with the mining of this lease, therefore, no sediment ponds will be needed.

No ground water has been encountered in the area of the King 4 mine just west of the federal lease area. No springs occur on the surface of the lease area. A surface water monitoring program is presently in force. Surface water will continue to be monitored for the permit area which includes Federal Lease U-51923.

UMC 817.97 Protection of Fish, Wildlife and Related Environmental Values

As mining of the lease area will only amount to a minor extension of underground workings no adverse impact to fish, wildlife and related values should occur.

U.S. Fuel Company reported in their original permit application, which includes this lease area, that no threatened or endangered species exist in the permit area.

No power or transmission lines run through the lease area.

No access or haul roads exist in the lease area.

No surface disturbance will occur in the area of the lease so no reclamation plan is required.

UMC 871.121 Subsidence Control: General Requirements

UMC 817.126 Subsidence Control: Buffer Zones

Underground coal mining activities will be carried out in the lease area so as to prevent damage from subsidence. U.S. Fuel is the surface owner of the lease block. No structures exist on the surface. The subsidence plan submitted in the original permit application has been referenced by section UMC 784.20 of this application.

No underground mining in this lease area will be conducted beneath or adjacent to a perennial stream or impoundment.

No underground operations will mine beneath any aquifer that serves as a significant source as none exist at this location.

No underground mining will be conducted beneath or in close proximity to any public buildings.

APPENDIX II-1

U.S. Fuel Company Property Ownership

APPENDIX II-1

UNITED STATES FUEL COMPANY  
PROPERTY OWNERSHIP

Land Subdivision	1	Area (Acres)			5	Legal Document	Date of Document	Recorded Book Page	Remarks
		2	3	4					
								Carbon County	
<u>T.15S., R.7E., SLBM</u>									
Section 13: S1/2					320	Lease U-058261	2/1/61	B.L.M.	All U.S.A.
Section 24: N1/2, SW1/4, N1/2 SE1/4, SW1/4 SE1/4 SE1/4 SE1/4					480	Lease U-058261	2/1/61	B.L.M.	
			40		120	Lease U-058261 Conveyance	2/1/61 1/3/16	B.L.M. 3D-257	Surface-U.S.A.
Section 25: E1/2 E1/2 W1/2 E1/2 E1/2 NW1/4			160			Conveyance	1/3/16	3D-257	Surface-U.S.A.
					160	Lease SL-069985	11/1/69	B.L.M.	All U.S.A.
					80	Lease U-026583	2/1/61	B.L.M.	All U.S.A.
Section 36: N1/2 NE1/4, W1/2 SE1/4 S1/2 NE1/4, E1/2 SE1/4					160	Lease SL-069985	11/1/69	B.L.M.	All U.S.A.
					160	Lease SL-025431	2/8/63	B.L.M.	All U.S.A.

APPENDIX II-1

UNITED STATES FUEL COMPANY  
PROPERTY OWNERSHIP

Land Subdivision	1	Area (Acres)				Legal Document	Date of Document	Recorded Book Page	Remarks
		2	3	4	5				
<u>T.15S., R.8E., SLBM</u>							<u>Carbon County</u>		
Section 17: S1/2 NE1/4, SE1/4			240			Patent 1013339	3/8/28	6A-125	Subsurface-U.S.A.
E1/2 SW1/4			80			Patent 1013339	3/8/28	6A-125	Subsurface-U.S.A.
S1/2 NW1/4, NW1/4 SW1/4	10		110			*Conveyance	1/3/16	3D-257	Coal-Plateau Mining
SW1/4 SW1/4	20		20			Conveyance	1/3/16	3D-257	
N1/2 NW1/4 (part)			7.5			Conveyance	1/3/16	3D-257	
Section 18: SE1/4 SE1/4	40					Conveyance	1/3/16	3D-257	
SW1/4 SE1/4	40					"	"	"	
NE1/4 SE1/4 (part)	1.51					"	"	"	
NW1/4 SE1/4 (part)	1.51					"	"	"	
SE1/4 SW1/4	40					"	"	"	
NE1/4 SW1/4 (part)	3.49					"	"	"	
SW1/4 SW1/4	37.78					"	"	"	
NW1/4 SW1/4 (part)	9.10					"	"	"	
NW1/4			155.56						
NE1/4			160						
N1/2 SE1/4			76.97						
N1/2 SW1/4			65.19						

\*This 120 acres was acquired by U.S. Fuel in 1916. The coal rights were subsequently sold to Plateau Mining in 1944, other than that portion of the NW1/4 of the SW1/4 lying south of Miller Creek (approximately 10 acres).

APPENDIX II-1

UNITED STATES FUEL COMPANY  
PROPERTY OWNERSHIP

Land Subdivision	1	Area (Acres)	3	4	5	Legal Document	Date of Document	Recorded Book Page	Remarks
								Carbon County	
<u>T.15S., R.8E., SLBM</u>									
Section 19: All	631					Conveyance	1/3/16	3D-257	
Section 20: E1/2, NW1/4		320				Patent 1013339	3/8/28	6A-125	Subsurface-U.S.A.
N1/2 SW1/4		80				Patent 1013339	3/8/28	6A-125	Subsurface-U.S.A.
S1/2 SW1/4	80					Conveyance	1/3/16	3D-257	
NW1/4			160			Lease U-51923	10/1/85		Subsurface-U.S.A.
Section 21: All		640				Patent 1013339	3/8/28	6A-125	Subsurface-U.S.A.
Section 26: W1/2 SW1/4	80					Warranty Deed	6/21/76	161-112	
Section 27: N1/2 SE1/4,									
N1/2 SW1/4	160					Conveyance	1/3/16	3D-257	
SW1/4 NW1/4,									
SW1/4 SW1/4	80					Conveyance	1/3/16	3D-257	
S1/2 SE1/4,									
SE1/4 SW1/4	120					Conveyance	1/3/16	3D-260	
Section 28: All		640				Patent 1013339	3/8/28	6A-125	Subsurface-U.S.A.

APPENDIX II-1

UNITED STATES FUEL COMPANY  
PROPERTY OWNERSHIP

Land Subdivision	1	Area (Acres)	2	3	4	5	Legal Document	Date of Document	Recorded Book Page	Remarks
									Carbon County	
<u>T.15S., R.8E., SLBM</u>										
Section 29: NE1/4 NE1/4		40					Patent 1013339	3/8/28	6A-125	Subsurface-U.S.A.
S1/2 NE1/4							Conveyance	1/3/16	3D-257	
NW1/4 NE1/4	120						Conveyance	1/3/16	3D-257	
NW1/4, S1/2	480									
Section 30: A11	631						Conveyance	1/3/16	3D-257	
Section 31: N1/2				316			Conveyance	1/3/16	3D-257	Coal-U.S.A.
S1/2				316			Patent 1013339	3/8/28	6A-125	Subsurface-U.S.A.
Section 32: SE1/4 NE1/4	40						Patent 12257	4/22/20	2A-251	
N1/2 NE1/4,							Quit Claim Deed	5/6/23	3H-427	
SW1/4 NE1/4	120						Quit Claim Deed	5/6/23	3H-427	
NW1/4, S1/2	480									
Section 33: N1/2				320			Patent 1013339	3/8/28	6A-125	
S1/2	320						Conveyance	1/3/16	3D-260	

APPENDIX II-1

UNITED STATES FUEL COMPANY  
PROPERTY OWNERSHIP

Land Subdivision	1	Area (Acres)				5	Legal Document	Date of Document	Recorded Book Page	Remarks
		2	3	4						
									<u>Carbon County</u>	
<u>T.15S., R.8E., SLBM</u>										
Section 34: N1/2 NE1/4,										
N1/2 NW1/4	160					Conveyance	1/3/16	3D-260		
NE1/4 SW1/4,										
SW1/4 NW1/4	80					Warranty Deed	12/1/17	5F-309		
SW1/4 NE1/4,										
NW1/4 SE1/4	80					Patent 12499	10/14/20	2A-252		
SE1/4 NW1/4	40					Patent 12499	10/14/20	2A-252		
SE1/4 NE1/4	40					Patent 11722	10/20/19	2A-226		
S1/2 SW1/4			80			Patent 10835	7/17/18	2A-226		Coal-U.S.A.
NE1/4 SE1/4	40					Warranty Deed	6/21/76	161-112		
NW1/4 SW1/4			40			Patent 1114115	6/4/42	6A-267		Subsurface-U.S.A.
Section 35: E1/2 NW1/4,										
NW1/4 SW1/4	120					Warranty Deed	6/21/76	161-112		
NW1/4 NW1/4	40					Patent 11723	10/20/19	2A-226		
SW1/4 NW1/4	40					Conveyance	1/3/16	3D-260		

APPENDIX II-1

UNITED STATES FUEL COMPANY  
PROPERTY OWNERSHIP

Land Subdivision	1	Area (Acres)	3	4	5	Legal Document	Date of Document	Recorded Book Page	Remarks
								Emery County	
<u>T.16S., R.7E., SLBM</u>									
Section 1: E1/2 E1/2					155	Lease SL-205431	2/8/63	B.L.M.	A11 U.S.A.
W1/2 E1/2					155	Lease SL-069985	11/1/69	B.L.M.	A11 U.S.A.
Section 12: E1/2 NE1/4					80	Lease SL-025431	2/8/63	B.L.M.	A11 U.S.A.
W1/2 NE1/4, SE1/4					240	Lease SL-069985	11/1/69	B.L.M.	A11 U.S.A.
E1/2 W1/2					160	Lease SL-069985	11/1/69	B.L.M.	A11 U.S.A.
Section 13: E1/2, E1/2 W1/2					480	Lease SL-069985	11/1/69	B.L.M.	A11 U.S.A.
<u>T.16S., R.8E., SLBM</u>									
Section 3: W1/2	361					Conveyance	1/3/16	A5-318	
Section 4: Lots 1,2,3,									
4,5,6,7	202					Conveyance	1/3/16	A5-318	
Lots 8,9,									
10,11,12	200					Conveyance	1/3/16	A5-318	
SW1/4	160					Conveyance	1/3/16	A5-315	
SE1/4	160					Warranty Deed	5/31/19	B9-205	

APPENDIX II-1

UNITED STATES FUEL COMPANY  
PROPERTY OWNERSHIP

Land Subdivision	1	Area 2	(Acres) 3	4	5	Legal Document	Date of Document	Recorded Book Page	Remarks
								Emery County	
<u>T.16S., R.8E., SLBM</u>									
Section 5: Lots 1,5,8,12					140	Patent 11804	11/26/19	A2-50	Coal-U.S.A.
Lots 2,3,4,6,						Patent 11804	11/26/19	A2-50	Coal-U.S.A.
7,9,10,11			261			Patent 11803	11/26/19	A2-51	Coal-U.S.A.
S1/2			320						
Section 6: Lots 1,2,3,4,					291	Patent 11804	11/26/19	A2-50	Coal-U.S.A.
5,6,7,8,9						Patent 11803	11/26/19	A2-50	Coal-U.S.A.
NE1/4 SE1/4			40			Patent 11804	11/26/19	A2-50	Coal-U.S.A.
Lots 10,11,12					127				
W1/2 SE1/4,						Patent 11803	11/26/19	A2-50	Coal-U.S.A.
SE1/4 SE1/4					120	Patent 11803	11/26/19	A2-51	Coal-U.S.A.
SW1/4					173				
Section 7: NE1/4 NE1/4					40	Patent 11803	11/26/19	A2-51	Coal-U.S.A.
SE1/4 NE1/4,						Patent 11803	11/26/19	A2-51	Coal-U.S.A.
W1/2 NE1/4					120	Patent 11803	11/26/19	A2-51	Coal-U.S.A.
SE1/4, NW1/4					334	Patent 11803	11/26/19	A2-51	Coal-U.S.A.
SW1/4					173	Patent 11803	11/26/19	A2-51	Coal-U.S.A.

APPENDIX II-1

UNITED STATES FUEL COMPANY  
PROPERTY OWNERSHIP

Land Subdivision	1	Area (Acres)				Legal Document	Date of Document	Recorded Book Page	Remarks
		2	3	4	5				
								Emery County	
<u>T.16., R.8E., SLBM</u>									
Section 8: N1/2, SE1/4	480					Conveyance	1/3/16	A5-315	
SE1/4 SW1/4,	120					Conveyance	1/3/16	A5-315	
N1/2 SW1/4,				40		Patent 1145347	7/16/54	23-69	Subsurface-U.S.A.
SW1/4 SW1/4									
Section 9: W1/2,									
W1/2 NE1/4	400					Conveyance	1/3/16	A5-315	
W1/2 SE1/4,	120					Conveyance	1/3/16	A5-315	
SE1/4 SE1/4				120		Patent 1013339	3/8/28	A2-317	Subsurface-U.S.A.
E1/2 NE1/4,									
NE1/4 SE1/4									
Section 10: S1/2 SE1/4,									
SE1/4 SW1/4	120					Patent 11715	10/18/19	A2-19	
SW1/4 SW1/4	40					Patent 11716	10/18/19	A2-20	
Section 11: SW1/4 SW1/4	40					Patent 11715	10/18/19	A2-19	
SE1/4 SW1/4	40					Patent 11719	10/20/19	A2-21	

APPENDIX II-1

UNITED STATES FUEL COMPANY  
PROPERTY OWNERSHIP

Land Subdivision	1	Area (Acres)				Legal Document	Date of Document	Recorded Book Page	Remarks
		2	3	4	5				
<u>T.16S., R.8E., SLBM</u>								Emery County	
Section 15: SE1/4 SW1/4, W1/2 SW1/4	120					Conveyance	1/3/16	A5-315	
SW1/4 NE1/4,	40					Quit Claim Deed	7/16/18	A1-358	Coal-U.S.A.
SE1/4 NW1/4		40				Quit Claim Deed	7/16/18	A1-358	Coal-U.S.A.
N1/2 NE1/4,									
N1/2 NW1/4	160					Patent 11717	10/18/19	A2-23	
SW1/4 NW1/4		40				Patent 1126838	7/22/49	A2-435	Subsurface-U.S.A.
Section 16: A11	640					Conveyance	1/3/16	A5-315	
Section 17: A11	640					Conveyance	1/3/16	A5-315	
Section 18: Lots 1,2,3			140			Patent 11807	11/26/19	A2-54	Coal-U.S.A.
E1/2, E1/2 W1/2			480			Patent 11807	11/26/19	A2-54	Coal-U.S.A.
Lot 4				46.93		Lease SL-069985	11/1/49	B.L.M.	A11 U.S.A.
Section 19: N1/2 N1/2	167					Conveyance	1/3/16	A5-315	Surface-U.S.A.
SW1/4 NE1/4,									
NW1/4 SE1/4				80		Lease SL-069985	11/1/49	B.L.M.	A11 U.S.A.

APPENDIX II-1

UNITED STATES FUEL COMPANY  
PROPERTY OWNERSHIP

Land Subdivision	1	Area 2	(Acres) 3	4	5	Legal Document	Date of Document	Recorded Book Page	Remarks
								Emery County	
<u>T.16S., R.8E., SLBM</u>									
Section 20: NE1/4, NE1/4 SE1/4 N1/2 NW1/4 SE1/4 NW1/4, NE1/4 SW1/4		200 80				Conveyance Conveyance Lease SL-069985	1/3/16 1/3/16 11/1/69	A5-315 A5-315 B.L.M.	Surface-U.S.A. Surface-U.S.A. All U.S.A.
Section 21: NE1/4, NW1/4 SE1/4 E1/2 NW1/4 W1/2 NW1/4, N1/2 SW1/4 NE1/4 SE1/4		200 80 160		40		Conveyance Conveyance Conveyance Patent 1013339	1/3/16 1/3/16 1/3/16 3/8/28	A5-315 A5-315 A5-315 A2-317	Surface-U.S.A. Subsurface-U.S.A.
Section 22: NW1/4 NW1/4	40					Conveyance	1/3/16	A5-315	

United States Fuel Company owns or leases coal or surface rights in some 19,211 contiguous acres in Carbon and Emery Counties, Utah. Of this total, 15,490 acres are comprised of coal lands either owned or leased by the company. Of this total acreage, approximately 5,700 acres are Federal Leasehold.

Federal Leasehold: Permit - 2,543      Future Permit - 2,184      TOTAL = 5,727

APPENDIX II-1

UNITED STATES FUEL COMPANY  
PROPERTY OWNERSHIP

Land Subdivision	1	Area (Acres)				5	Legal Document	Date of Document	Recorded Book Page	Remarks
		2	3	4						

DESIGNATION OF TITLE

ACREAGE

1). Surface-Fee Title, Coal Rights-Fee Title.....	9,026
2). Surface Rights-None, Coal Rights-Fee Title.....	807
3). Surface Rights-Fee Title, Coal Rights-None.....	3,651
4). Surface-Fee Title, Coal Rights-Leased.....	2,770
5). Surface Rights-None, Coal Rights-Leased.....	2,957
Total.....	<u>19,211</u>

TOTALS

	<u>Permit</u>	<u>Future Permit</u>	<u>Totals</u>
Category 1	6,426	2,600	9,026
Category 2	200	607	807
Category 3	3,491	160	3,651
Category 4	1,063	1,707	2,770
Category 5	1,480	1,477	2,957
TOTAL	<u>12,660</u>	<u>6,551</u>	<u>19,211</u>

APPENDIX II-2

Areas Designated Unsuitable For Mining



SCOTT M. MATHESON  
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON  
Executive Director,  
NATURAL RESOURCES

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING

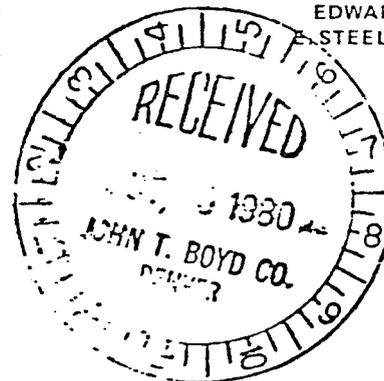
1588 West North Temple  
Salt Lake City, Utah 84116  
(801) 533-5771

CHARLES R. HENDERSON  
Chairman

JOHN L. BELL  
C. RAY JÜVELIN  
THADIS W. BOX  
CONSTANCE K. LUNDBERG  
EDWARD T. BECK  
STEELE McINTYRE

CLEON H. FEIGHT  
Director

October 2, 1980



Mr. Michael Meenan  
Environmental Engineer  
John T. Boyd Company  
1860 Lincoln Street  
Suite 1028  
Denver, Colorado 80295

RE: U. S. Fuel Company  
Hiawatha Complex  
ACT/007/011  
Carbon County, Utah

Dear Mr. Meenan:

In response to your letter dated September 23, 1980, regarding areas designated unsuitable for mining; to date, this office has received no determination, application or petition of unsuitability for mining at or near U. S. Fuel Company's Hiawatha Complex in Carbon County, Utah.

Should such a condition arise in the future, U. S. Fuel Company shall promptly be notified.

Sincerely,

JAMES W. SMITH, JR.  
COORDINATOR OF MINED  
LAND DEVELOPMENT

cc: Bob Eccli, U. S. Fuel Company

JWS/btm

UNITED STATES DEPARTMENT OF AGRICULTURE  
FOREST SERVICE

Manti-LaSal National Forest - Price Ranger District  
10 North Carbon Avenue #2  
Price, Utah 84501



John T. Boyd Company  
1860 Lincoln Street  
Suite 1028  
Denver, Colorado 80295  
ATTENTION: Michael K. Meenan

Dear Mr. Meenan:

We are in receipt of your letter of 8/27/80 requesting information on U.S. Fuel Company's property in Carbon and Emery Counties, Utah. As we understand it, your request entails any available information regarding unsuitability criteria or "restrictions" that might apply to the subject property as indicated by your accompanying map.

After researching available data at our disposal, the only unsuitability criterion that might apply would be #17 covering municipal watersheds. The leased land (lease nos. SL 069985, SL 025431 and U 026583) under Forest Service jurisdiction falls into the Price River and Huntington Canyon drainages. Both drainages serve municipal water supplies. Since these watersheds cover such a large area of coal bearing lands owned by Federal, State and private interests, a determination has yet to be made relative to the applicability of criterion #17.

Regarding further "restrictions" not covered under the unsuitability criteria these would be handled on a more specific basis through the environmental assessment process.

One additional item that we might mention is the fact that the U.S. Fuel property boundary, as shown on your map, includes unleased Federal coal lands under Forest Service administration. Specifically, these lands include Section 19, N $\frac{1}{2}$ N $\frac{1}{2}$ , Section 20; N $\frac{1}{2}$ N $\frac{1}{2}$ , S $\frac{1}{2}$ NE $\frac{1}{4}$ , NE $\frac{1}{4}$ SE $\frac{1}{4}$ ; Section 21, W $\frac{1}{2}$ NW $\frac{1}{4}$ , N $\frac{1}{2}$ SW $\frac{1}{4}$ , T. 16 S., R. 8 E., SLM.

We hope that the above adequately complies with your request. If you have any further questions, please don't hesitate to contact us.

IRA W. HATCH  
District Ranger

APPENDIX II-3

Certificate of Liability Insurance



### CERTIFICATE OF INSURANCE

This is TO CERTIFY that the described policies, covering in accordance with the terms thereof, are in force as of the date hereof:

INSURED: **SHARON STEEL CORPORATION U.S. Steel Co.**

**P.O. Box A, Hinwatha, UT 84527**

LIMITS OF LIABILITY

COVERAGE	COMPANY & POLICY NO.	EXPIRATION DATE	BODILY INJURY	PROPERTY DAMAGE
Workers' Compensation	Nat'l Un. Fire Ins. Co. of Pittsburgh, PA	10/1/87	Statutory	Nil
Employers' Liability	WC495-7362 (All States)		Each Accident \$	Nil
Comprehensive General Liability	Nat'l Union Fire Ins. Co. of Pgh., Pa. GLA-197-9887	10/1/87	CSL \$100,000/\$1,000,000	
Products	Chesapeake Ins. Co. Ltd. CIC100436	10/1/87	CSL \$900,000 excess of \$100,000 subject to a \$1,000,000 aggregate	
Completed Operations	Nat'l Union Fire Ins. Co. of Pgh., Pa. 468-7889	10/1/87	CSL \$1,000,000/\$1,000,000 excess of \$1,000,000/\$1,000,000	
Comprehensive Automobile Liability	Nat'l Union Fire Ins. Co. of Pgh., Pa. BA 154-9347	10/1/87	CSL \$100,000	
	Chesapeake Ins. Co. Ltd. CIC 100486	10/1/87	CSL \$900,000 excess of \$100,000	
	Nat'l Union Fire Ins. Co. of Pgh., Pa. 468-7890	10/1/87	CSL \$1,000,000 excess of \$1,000,000	
Excess/Umbrella Liability			Combined Single Limit: \$ Aggregate: \$	

RE:

This Certificate is issued to: **Division of Oil, Gas & Mining**  
**355 W. N. Temple**  
**3 Triad Center**  
**Suite 350**  
**Salt Lake City, UT 84180-1203**  
**Attn: Pam Lattig**

This document is furnished for information only. It does not provide or convey any insurance. Unless specified hereon its issuance does not make the person or organization to whom it is issued an additional insured under any policy of insurance. It neither affirmatively nor negatively amends, extends or alters the coverage afforded by the contract of insurance between the insured and any Company. Amendment, extension or change of such contract can only be effected by endorsement issued by the Company and attached thereto.

Should any above described policy be cancelled, the Company issuing said policy will issue 30 days' notice to the holder of this document, at the address shown herein, but failure to give such notice shall impose no obligation of any kind upon the Company or the undersigned.

DATED: 11-11-86

Insurance and Risk Management, Inc.  
 1370 Washington Pike  
 Bridgeville, PA 15017

Attorney for Chesapeake Insurance Co.

APPENDIX II-4  
Newspaper Advertisement

AFFIDAVIT OF PUBLICATION

RECEIVED  
MAR 09 1987

S. FULL CO.  
RECEIVED  
FEB 27 1987  
Gen'l. Mgr's  
Office

STATE OF UTAH }  
County of Carbon, } ss.

DIVISION OF  
OIL, GAS & MINING

FILE COPY

I, Dan Stockburger, on oath, say that I am  
the General Manager of The Sun-Advocate,  
a weekly newspaper of general circulation, published at Price,  
State and County aforesaid, and that a certain notice, a true copy  
of which is hereto attached, was published in the full issue of  
such newspaper for One (1)  
consecutive issues, and that the first publication was on the  
24th day of February, 19 87, and that the  
last publication of such notice was in the issue of such newspaper  
dated the \_\_\_\_\_ day of \_\_\_\_\_, 19 \_\_\_\_\_

*Dan Stockburger*

Subscribed and sworn to before me this  
24th day of February, 19 87.

*Sally J. Baker*  
Notary Public.

My Commission expires My Commission Expires October 22, 1990, 19 \_\_\_\_\_

Publication fee, \$ 15.60

NOTICE OF FILING APPLICATION  
FOR COAL MINING AND  
RECLAMATION PERMIT MODIFICATION

United States Fuel Company, P.O. Box A, Hiawatha, Utah 84527, has filed an addendum to their mining permit application with the DOGM. The addendum addresses mining in Federal Lease U-51923, a 160 acre tract, T15S, R8E, NW¼ Section 20. This tract is located on the USGS 7½ minute Hiawatha quadrangle, within the present permit area boundary. U.S. Fuel Company is the surface owner.

A copy of the application is available for public inspection at the Carbon County Courthouse Recorder's Office, Price, Utah 84501.

A 30 day comment period will begin as of this date of publication. Written comment on the application may be submitted to: State of Utah, Oil, Gas and Mining Division, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203, or Office of Surface Mining, Brooks Towers, 1020 15th Street, Denver, Colo. 80202.

Published in the Sun Advocate February 24, 1987.