

## List of Appendices

FILE IN Expandable 10 25 2006  
Refer to Record No. 0059  
in 0070019, 2006, INCOMING  
for additional information

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**ANDALEX RESOURCES, INC.**

**TOWER DIVISION**

**MINING AND RECLAMATION PLAN**

**R645-301**

The Mathis/Summit Creek Incidental Boundary Change is simply an extension of our underground mine workings and will in no way involve any new surface facilities or otherwise have any affect on the surface. It does not involve any new hydrologic basins. Refer to R645-301-200 through R645-301-800 for additional information.

**Legal, Financial, Compliance and Information**

The objective of this chapter is to set forth all relevant information concerning ownership and control of Andalex Resources, Inc., the ownership and control of the property to be affected by mining activities and all other information and documentation required.

Please note that right-of-entry information for all new Leases is included in Appendix J, "Other Approvals". This includes the short form of the Mathis lease recorded at Carbon County.

**Compliance Information**

a) Suspension and Revocation

Andalex Resources, Inc., affiliates or persons controlled by or under common control with Andalex haven't had a mining permit suspended or revoked within the last five years.

b) Forfeiture of Bond

Andalex Resources, Inc., affiliates or persons controlled by or under common control with Andalex have not forfeited a mining bond or similar security in lieu of bond.

c) History of Violations

Appendix B contains a listing of all violations received within the last three years prior to the date of this application by Andalex and affiliated companies.

**Introduction**

This underground mining permit application is being submitted for renewal and modification by Andalex Resources, Inc. Andalex added three new leases consisting of 320 acres federal lease (#U-05067 Sunedco); 903 acres federal lease (#UTU-66060 Graves); 240 acres fee to its existing approved Centennial Project. The leases contain approximately 8.75 million tons of recoverable coal. Andalex now proposes to add federal coal lease UTU-69600 (AEP) containing 802 acres and 3.0 million tons of recoverable coal. All reserves on this lease will be mined simply as an underground extension of the existing, approved, and currently operating Pinnacle and Aberdeen Mines. With the longwall expansion in the Aberdeen Mine a new fan installation will be required in the left hand fork of Deadman Canyon. (See Left Fork drawings.) Access to and handling and extraction of all coal will be through existing Pinnacle, Aberdeen, and Apex Mine facilities.

**Overview and Summary of Project**

Mining operations at the Pinnacle Mine began on October 3, 1980, according to the Mining and Reclamation Plan approved by the State of Utah, Department of Natural Resources, Division of Oil, Gas, and Mining. The mining began on the Zion's fee lease and extended onto Andalex's federal leases according to federal approval granted in 1982. Andalex also opened the Apex Mine late in 1982. Current mining activity is occurring in the Gilson Seam and Lower Sunnyside Seam. Mining commenced in the Aberdeen Seam in mid 1988. Mining commenced in the Centennial Seam in 1990. The coal is classified as High Volatile B bituminous in the Lower Sunnyside, Gilson and Centennial Seams and as High-volatile A bituminous in the Aberdeen Seam.

The proposed mine plan area is located approximately 10 miles north-northeast of Price, Utah in Carbon County in T13S and R11E (See Figure I-2 and Plate 1). With the addition of the Sunedco Lease the Graves Lease, and the AEP lease, the coal property contains approximately 5,063 acres. Two hundred acres are fee surface and coal leased from the Zion Security Corporation. Two hundred forty acres are fee surface and coal and are leased from the Sunedco Coal Company. The remaining 4,623 acres are federal leases consisting of SL-027304 (236 acres), SL-063058 (400 acres), U-010581 (1,842 acres), U-05067 (320 acres), U-52341 (120 acres), UTU-66060 (903 acres), and UTU-69600 (802 acres), and which includes lease modifications acquired in 1981. Please see Plate 4.

This property is located in the Book Cliffs coal field and includes Alrad Canyon, Deadman Canyon, Starpoint Canyon, Straight Canyon, and Hoffman Creek Canyon areas with coal outcropping along the cliffs between 7,000 feet and 7,700 feet elevations. The topography is very rugged, the Book Cliffs being dissected by box canyons created by ephemeral streams. Large sandstone boulders eroded from the cliffs are scattered along the sides of the canyons. The land is undeveloped, used primarily for grazing, and there are no areas of national importance in the region. Mountain-Brush vegetative type covers most of the area.

There are no perennial streams or bodies of water on the property. Ground water recharge is from precipitation in the vicinity. Water supply for mine development and culinary usage is supplied by wells that have been drilled.

Figure I-2  
Insert map

Need drawing

Historically, coal mining has been the only industry in the permit area and there are several abandoned mines located on the property. No oil or gas wells exist in the area.

Access to the mine plan area is by an existing paved county road which has been upgraded and is maintained by Carbon County. It is used as an access road as well as a haul road. All surface and support facilities necessary for present operations have been completed and are located on the Zion's fee or on rights-of-way granted by the Bureau of Land Management. This is also a small private easement granted to Andalex from Gladys M. Artman for a small portion of pond E. All proposed facilities are indicated in this application. Andalex has acquired all applicable state and federal licenses, permits, and rights-of-way necessary to conduct mining activities on the Zion's fee property and contiguous federal leases.

Estimated remaining coal reserves as of 3-24-93 in the four beds (in place) of minable thickness totals 50.8 million tons, with recoverable coal estimated at 30.5 million tons. To date, 9.3 million tons have been produced leaving an estimated 21.2. Production schedule estimates 1,200,000 tons to be produced in 1993 increasing to 1.5 million by 1995.

If the extraction rate of 1.5 million tons is accomplished according to schedule, the project life will be about 15 years. The theoretical life is closer to 20 years however, due to the existence of unleased federal coal logically accessible through only the existing and future Andalex mine workings. Some of this coal is contained in the Graves (U-66060) and AEP (UTU-69600) Leases.

The mining method being employed is gateroad development utilizing continuous miners with final extraction by longwall. Certain fringe area reserves, inadequate for longwall panels, will be by room-and-pillar method.

Upon cessation of mining activities, reclamation activities will commence as soon as is practicable, according to the plans outlined in this application. The land will be restored according to available technology to as nearly its original condition as is possible.

This operation does not face any of the mining complications caused by faults, intrusives, excessive water, or large quantities of gas. The mine plan area is located in a region where mining has been the major industry; therefore, the nearby communities are geared for coal operations. The labor supply is excellent and well trained. With these considerations, and Andalex's prudent management, the Centennial Project will be a model mining operation in the Carbon County area with very minimal environmental and socioeconomic impact.

## **Organization of Application**

This underground mining permit application has been organized in accordance with the general requirements for format and contents as outlined in the R645- Coal Mining Rules.

### **R645-301-111.100. OBJECTIVES**

#### **Objectives**

The objective of this chapter is to set forth all relevant information concerning ownership and control of Andalex Resources, Inc., the ownership and control of the property to be affected by mining activities and all other information and documentation required.

Please note that right-of-entry information for all new Leases is included in Appendix J, "Other Approvals".

### **R645-301-111.200. RESPONSIBILITY**

Andalex Resources, Inc., is responsible for submission of information and will pay abandoned mine reclamation fees.

### **R645-301-111.300. APPLICABILITY**

The requirements of R645-301-100 apply to Andalex Resources, Inc.

### **R645-301-112. IDENTIFICATION OF INTERESTS**

#### a) Permit Applicant

Andalex Resources, Inc.  
Tower Division  
P.O. Box 902  
Price, Utah 84501  
(801) 637-5385

b) Legal and Equitable Owners of Record

Earth work for the Aberdeen Mine was completed in 1989. Surface facilities for the Aberdeen Mine were completed early in 1990. All existing facilities are located either on land owned by Zions Securities Corporation or on federal land. The addresses of these owners of record are as follow:

Bureau of Land Management (801) 524-3004  
Utah State Office  
324 South State Street  
Salt Lake City, Utah 84111

Zion Securities Corporation (801) 363-3841  
10 East South Temple  
Salt Lake City, Utah 84111

All coal to be mined on the permit area is owned by the federal government, Zion Securities Corporation, Sunedco Coal Company or AMCA Coal Leasing, Inc. The addresses of these owners of record are as follow:

Bureau of Land Management  
Utah State Office  
324 South State Street  
Salt Lake City, Utah 84111

AMCA Coal Leasing, Inc.  
PO Box 902  
Price, Utah 84501

Zion Securities Corporation  
10 East South Temple  
Salt Lake City, Utah 84111

Sunedco Coal Company  
7401 West Mansfield Avenue  
Suite 418  
P.O. Box 35-B  
Lakewood, Colorado 80235

**R645-301-112.100. TYPE OF BUSINESS**

Andalex Resources is a corporation organized and existing under the laws of Delaware and qualified to do business in Utah. Andalex Resources, Inc, is a wholly owned subsidiary of UtahAmerican Energy Inc., which in turn is a wholly owned subsidiary of Murray Energy Corporation. Andalex has opened two underground mines known as the Pinnacle and Apex Mines. Mining commenced in the Aberdeen Mine in mid-1988. These mines are located on fee and federal lands in Carbon County, Utah. Andalex, the designated operator, along with AMCA Coal Leasing, Inc., its land acquisition and development branch, control all federal and fee mining leases within the proposed mine plan area. This underground mining permit application has been prepared by Andalex Resources and is being submitted for review and approval by the appropriate regulatory authorities.

**R645-301-112.200. NAMES, LOCATIONS, RESIDENT AGENT**

Resident Agent who will accept service of process for Andalex Resources, Inc., Tower Division, Centennial Mines, ACT/007/019:

Michael W. Glasson  
Andalex Resources, Inc.  
Tower Division  
P.O. Box 902  
Price, Utah 84501

Also, see Chapter 8, Page 24 for notarized statement pertaining to completeness and accuracy.

**R645-301-112.300. OTHER THAN SINGLE PROPRIETORSHIPS**

Andalex Resources, Inc., Tower Division, holds the exclusive coal operating interests in the permit area.

**R645-301-112.310. OFFICERS AND SHAREHOLDERS**

See Appendix A

**R645-301-112.320. OWNERSHIP AND CONTROL RELATIONSHIP TO APPLICANT**

See Appendix A

**R645-301-112.400. PENDING, CURRENT AND PREVIOUS COAL PERMITS**

See Appendix A

**R645-301-112.500. SURFACE AND MINERAL OWNERSHIP**

**Owners of Record of Surface and Subsurface Contiguous Areas**

Names and addresses of all owners of record for all surface and subsurface areas contiguous to and within the permit area are listed below and indicated on Plates 2 and 3.

**Subsurface Owners**

Franklin Real Estate Company (American Electric Power)  
#2 Broadway  
New York, New York (contiguous)

Bureau of Land Management  
Utah State Office  
136 East South Temple  
Salt Lake City, Utah 84111 (contiguous & within)

State of Utah  
School Trust Lands Administration  
355 West North Temple  
3 Triad Center, Suite 400  
Salt Lake City, Utah 84180 (contiguous)

Andalex Resources, Inc.  
PO Box 902  
Price, Utah 84501 (within)

Sunedco Coal Company  
7401 West Mansfield Avenue  
Suite 418  
P.O. Box 35-B  
Lakewood, Colorado 80235 (contiguous & within)

Zion Security Corp.  
10 East South Temple  
Salt Lake City, Utah 84111 (within)

Mathis Land Co.  
Sunnyside Star Route  
Price, Utah 84501 (contiguous & within)

**Surface Owners**

Bureau of Land Management  
Utah State Office  
136 East South Temple  
Salt Lake City, Utah 84111 (contiguous & within) Gladys R. Artman  
P.O. Box 22  
Mountain City, Georgia 30562 (contiguous & within)

F. and D. Shimmin  
711 North 5th East  
Price, Utah 84501 (contiguous)

Sunedco Coal Company  
7401 West Mansfield Avenue  
Suite 418  
P.O. Box 35-B  
Lakewood, Colorado 80235 (contiguous & within)

R. and E. Nelson  
583 Sundial Drive  
Moab, Utah 84532 (within)

Mathis Land Co.  
Sunnyside Star Route  
Price, Utah 84501 (contiguous & within)

J & S Critchlow (Cave, et.al)  
144 South 1650 East  
Price, Utah 84501 (contiguous & within)

Andalex Resources Inc.  
P.O. Box 902  
Price, Utah 84501 (within)

Zion Security Corporation  
10 East South Temple  
Salt Lake City, Utah 84111 (within)

State of Utah  
School Trust Lands Administration  
355 West North Temple  
3 Triad Center, Suite 400  
Salt Lake City, Utah 84180 (contiguous & within)

**R645-301-112.600. ADJACENT SURFACE AND MINERAL OWNERSHIP**

**Interests in Contiguous Lands**

The Uintah-Southwest Utah Federal Coal Leasing Program has been dropped by the U.S. Department of Interior; therefore, previous expressions of interests by this company are no longer valid. However, existing unleased federally owned coal resources remain of interest to Andalex at such time as currently controlled reserves have been exhausted.

**R645-301-112.700. MSHA NUMBERS FOR ALL MINE-ASSOCIATED STRUCTURES**

The Centennial Project includes the development of three separate mines. All are currently in operation. The names and M.S.H.A. I.D. numbers for existing mines and all sections are as follow:

Pinnacle Mine - M.S.H.A. I.D. #42-01474  
Apex Mine - M.S.H.A. I.D. #42-01750  
Aberdeen Mine - M.S.H.A. I.D. #42-02028

All coal from the newly acquired AEP Lease will be mined simply as an underground extension of the existing Pinnacle and Aberdeen Mines.

**R645-301-112.800. STATEMENT OF ALL LANDS AND INTERESTS IN LANDS**

The Uintah-Southwest Utah Federal Coal Leasing Program has been dropped by the U.S. Department of Interior; therefore, previous expressions of interests by this company are no longer valid. However, existing unleased federally owned coal resources remain of interest to Andalex at such time as currently controlled reserves have been exhausted.

**History of Violations**

Appendix B contains a listing of all violations received within the last three years prior to the date of this application by Andalex and affiliated companies.

**R645-301-113.100. COMPLIANCE INFORMATION**

Andalex Resources, Inc., affiliates or persons controlled by or under common control with Andalex haven't had a mining permit suspended or revoked within the last five years.

Andalex Resources, Inc., affiliates or persons controlled by or under common control with Andalex have not forfeited a mining bond or similar security in lieu of bond.

Appendix B contains a listing of all violations received within the last three years prior to the date of this application by Andalex and affiliated companies.

**R645-301-113.110. SUSPENDED OR REVOKED PERMITS**

Andalex Resources, Inc., affiliates or persons controlled by or under common control with Andalex haven't had a mining permit suspended or revoked within the last five years.

**R645-301-113.120. FORFEITED BONDS**

Andalex Resources, Inc., affiliates or persons controlled by or under common control with Andalex have not forfeited a mining bond or similar security in lieu of bond.

**R645-301-113.200. EXPLANATION OF PERMIT OF BOND FORFEITURE**

N/A

## R645-301-113.210 PERMIT AND BOND IDENTIFICATION

The following is a list of all other licenses and permits under applicable state and federal land-use, air and water quality, water rights and health and safety laws and regulations held by Andalex in order to conduct underground coal mining activities.

All permits listed are up to date and current. The NPDES Permit for the Centennial Project has been renewed in the form of a General permit (UTG 040008).

### State:

1) State of Utah

Department of Natural Resources  
Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Salt Lake City, Utah 84114-5801

- Mining and Reclamation Plan for Andalex Resources' Centennial Project  
Permit I.D. Number ACT/007/019  
Approved January 4, 1982  
Permit Renewed March 2, 1987, January 1992

2) State of Utah

Department of Environmental Quality  
150 North 1950 West  
P.O. Box 144820  
Salt Lake City, Utah 84114-4820

- Air Quality Construction and Operation Permit  
Approved June 13, 1980  
Reapplied June 2, 1988 (modification)  
Approved June 23, 1989

- Water Quality - Sediment and Drainage  
Approved May 14, 1980

- Septic and Culinary Plan (2)  
Approved September 17, 1980 (Office Site)  
Approved May 8, 1980 (Bathhouse Facility)

### Federal:

- 1) Environmental Protection Agency  
Region VIII  
1860 Lincoln Street  
Denver, Colorado 80295

- National Pollutant Discharge Elimination System (NPDES)  
Permit I.D. - UT-0023507  
Issued April 25, 1982  
Renewed August 31, 1989
  
- Prevention of Significant Deterioration of Air Quality (PSD)  
Unissued: Determined by the E.P.A. to be unnecessary

2) Bureau of Land Management  
Utah State Office  
324 South State Street  
Salt Lake City, Utah 84111

- Access Road Right-of-Way  
Permit Number U-45966  
Granted September 1, 1980
  
- Buried Telephone Cable Right-of-Way  
Permit Number U-36739  
Granted November 20, 1978
  
- Power Transmission Line Right-of-Way  
Permit Number U-36741  
Granted November 20, 1978, assigned to UP&L
  
- Material Storage Site Right-of-Way  
Permit Number U-45965  
Granted September 11, 1980
  
- Aberdeen Mine Right-of-Way  
Permit Number UTU-62045  
Granted June 6, 1988

- 3) Mine Safety and Health Administration (M.S.H.A.)  
P.O. Box 25367  
Denver, Colorado 80225  
(District 9)

Pinnacle Mine I.D. 42-01474  
Apex Mine I.D. 42-01750  
Aberdeen Mine I.D. 42-02028

- Roof Control Plan  
Reviewed and approved every six months
- Ventilation System and Methane and Dust Control Plan  
Reviewed and approved every six months
- Smoking Prohibition Plan  
Approved August 4, 1992
- Training Plan  
Approved November 27, 1990
- Instruction Program: Firefighting and Evacuation Plan  
Approved August 4, 1992
- SCSR Storage Plan  
Approved May 18, 1992
- Chest X-Ray Plan  
Approved March 15, 1990

**R645-301-113.220. REGULATORY AUTHORITIES INVOLVED**

See above

**R645-301-113.230. CURRENT STATUS OF PERMIT AND BOND**

See above

**R645-301-113.240. ADMINISTRATIVE OR JUDICIAL PROCEDURES**

Appendix B

**R645-301-113.250. CURRENT STATUS OF PROCEEDINGS**

Appendix B

**R645-301-113.300. LIST OF ALL VIOLATIONS NOTICES**

Appendix B

**R645-301-113.310. IDENTIFICATION OF VIOLATIONS**

Appendix B

**R645-301-113.320. DESCRIPTION OF VIOLATIONS**

Appendix B

**R645-301-113.330. LOCATION OF VIOLATIONS PROCEEDINGS**

Appendix B

**R645-301-113.340. STATUS OF VIOLATIONS PROCEEDINGS**

Appendix B

**R645-301-113.350. ACTIONS TAKEN TO ABATE VIOLATIONS**

Appendix B

**R645-301-114. RIGHT-OF-ENTRY INFORMATION**

Andalex Resources, Inc., in sublease agreement with AMCA Coal Leasing, Inc., currently holds approximately 5415.00 acres of private and federal coal leases in this permit area. The number will increase to 6597.53 acres with the addition of the remaining Mathis Tract and Federal Summit Creek Lease. Andalex basis its legal right to enter and conduct mining activities in the permit area pursuant to the language contained in the Federal Coal Leases, Section 2, Rights of Lessee as follows:

"The lessor, in consideration of any bonus paid (or to be paid if deferred), rents and royalties and other conditions hereinafter set forth, hereby grants and leases to the lessee the exclusive right and privilege to mine and dispose of all coal ... subject to the conditions, limitations and prohibitions provided in this lease and in applicable acts and regulations, the right to construct all works, buildings, structures, equipment, and appliances which may be necessary and convenient for the mining and preparation of the coal for market, and subject to the conditions herein provided, to use so much of the surface as may reasonably be required in the exercise of the rights and privileges herein granted..."

A similar right to enter and conduct underground mining activities is contained in the private lease agreement with the Zion Securities Corporation as follows:

"During the life of the lease, so long as lessee is not in default hereunder, it may freely prospect, mine and develop the lease premises, extract and sell such coal therefrom as it may elect, and use the surface and underground thereof for all lawful purposes including the exploration and mining to be conducted therein and thereon. It may also use the leased lands in connection with the mining and development of other lands which it may own, lease, or acquire as a part of its general mining operations in the area."

Legal right-of-entry information for the Hoffman Creek federal and fee leases as well as the Graves Lease has been inserted into Appendix J, "Other Approvals". Also included in this appendix is our legal right-of-entry to the right-of-way which was added for the Aberdeen facilities (#UTU-62045) and the Right-of-Entry information for the Mathis Tract. None of the leases' rights-of-entry is a subject of pending litigation.

The Federal Coal Leases are described as follows (please see Plate 4):

SL-027304:

Tract 1: T.13S., R.11E., SLM, Utah  
(original Sec. 7, S ½ SE 1/4,  
lease) Sec. 18, NW 1/4 NE 1/4.

Tract 2: T.13S., R.11E., SLM, Utah  
(lease Sec. 7, lot 4;  
modification) Sec. 18, lot 1, N ½ NE 1/4 NW 1/4,  
SW 1/4 NE 1/4 NW 1/4 containing 236 acres, more or less.

This lease was originally assigned to W.F. Olsen on September 1, 1925. On May 1, 1959, the lease was assigned to F.H. Larson and then to Centennial Coal Associates on February 1, 1973. AMCA Coal Leasing, Inc., acquired the lease in February, 1977 and subsequently added Tract 2 through lease modification criteria on October 26, 1981.

SL-063058:

Tract 1: T.13S., R.11E., SLM, Utah  
(original Sec. 8, S ½ SW 1/4;  
lease) Sec. 17, N ½ NW 1/4, SE 1/4 NW 1/4;  
Sec. 18, NE 1/4 NE 1/4.

Tract 2: T.13S., R.11E., SLM, Utah  
(lease Sec. 17, SW 1/4 NW 1/4, NE 1/4 NW 1/4 SW 1/4,  
modification) W ½ NW 1/4 SW 1/4,  
Sec. 18, E ½ SE 1/4 NE 1/4, NW 1/4 SE 1/4 NE 1/4, SW 1/4 NE  
1/4, E ½ NE 1/4 SE 1/4 containing 400 acres, more or less.

The original lease of 80 acres was assigned to C.D. Sutton on August 3, 1942. On July 27, 1950, the lease was amended to embrace 200 acres. An additional 40 acres was added December 13, 1951. The leases were posted to F.H. Larson on May 1, 1970 and then to Centennial Coal Associates on February 1, 1973. AMCA Coal Leasing, Inc., acquired the lease in February, 1977 and subsequently added Tract 2 through the federal lease modification criteria.

U-010581:

Tract 1: T.13S., R.11E., SLM, Utah  
(original Secs. 5, and 6, all;  
lease) Sec. 7, lot 1, NE 1/4, NE 1/4 NW 1/4,  
N 1/2 SE 1/4;  
Sec. 8, N 1/2, N 1/2 S 1/2,  
S 1/2 SE 1/4;  
Sec. 9, W 1/2 SW 1/4;  
Sec. 17, N 1/2 NE 1/4.

Tract 2: T.13S., R.11E., SLM, Utah  
(lease Sec. 17, S 1/2 NE 1/4, N 1/2 NE 1/4 SW 1/4,  
modification) NE 1/4 SE 1/4, N 1/2 NW 1/4 SE 1/4 containing 1,842 acres, more or less.

This lease was assigned to C.D. Sutton on February 1, 1956. On May 1, 1970 the lease was assigned to F.H. Larson and then to Centennial Coal Associates on February 1, 1973. AMCA Coal Leasing, Inc., acquired the lease in February, 1977 and subsequently added Tract 2 through the federal lease modification criteria.

U-52341:

T.13S., R.11E., SLM, Utah  
Sec. 9, E 1/2 SW 1/4, SW 1/4 SE 1/4 containing 120 acres, more or less.

This lease was acquired by AMCA Coal Leasing, Inc., in November, 1983 through the emergency lease criteria and subsequently relinquished in December 1987 after reserves were depleted. Forty(40) acres of this lease are still included as part of the permit area and are described as: T.13S., R.11E., Sec. 9, NE1/4 SW1/4 containing 40 acres (U-05067 lease modification).

U-05067

T.13S., R.11E., SLM, Utah  
Sec. 4, S 1/2  
Sec. 9, NW 1/4 NE 1/4  
W 1/2 NW 1/4  
NE 1/4 NW 1/4  
NE 1/4 SW 1/4 containing 360 acres, more or less.

UTU-66060

T.12S, R.11E., SLM, Utah  
Sec. 31, Lots 3-6, 12-22

T.13S, R.10E., SLM, Utah  
Sec. 1, Lots 1-4, S ½ N ½, SE ¼  
Sec. 12, Lot 1

12/17/96, 07/24/97

Tract 2: T.12S., R.11E., SLM, Utah  
(lease Sec. 31, Lot 12 ;  
modification) Sec. 32, W ½ SW ¼, SW ¼ NW ¼, entire lease containing 1093.32  
acres more or less.

UTU-66060 (Graves Lease) is subject to the terms and conditions set forth in the Federal Coal Lease issued by the Bureau of Land Management October 3, 1994. Specifically, Part I, section 2 of the lease "grants and leases to the Lessee the exclusive right and privilege to drill for, mine, extract, remove, or otherwise process and dispose of the coal deposits in, upon, or under the lands described below" as Tract 1 (Original Lease) and Tract 2 (Modification).

ANDALEX estimates that there are approximately 518,000 recoverable tons included within the 160 acre lease modification. This number of recoverable tons however is subject to the mineability of the coal. That is, The Aberdeen coal seam pinches out in a north-easterly direction. Also, the depth of cover increases dramatically to the north which could restrict recovery.

New Federal Summit Creek Lease

T. 12 S., R. 11 E. SLM, Utah  
Sec. 29, SW¼SW¼, SW¼SE¼  
Sec. 30, Lots 4, 12, 14, 15, 16  
Sec. 31, Lots 1, 2, 7 through 11  
Sec. 32, W½NE¼, E½NW¼, NW¼NW¼, NE¼SW¼ Containing  
702.73 acres, more or less.

The private fee leases are described as follows:

The Mathis Tract - Fee Lease

T.12S., R.10E., SLM, Utah

IBC: Section 36: S1/2S1/2, S1/2N1/2S1/2, containing 240 acres.

Section 36: N1/2N1/2S1/2, N1/2, containing 400 acres.

T.13S., R.11E., SLM, Carbon County, Utah

Sec. 7: S1/2 NW1/4

N1/2 SW1/4

SE1/4 SW1/4 containing 200 acres, more or less

The name and address of the lessor is Zion Securities Corporation, 10 East South Temple Street, Salt Lake City, Utah. This lease was originally made and entered into between Zion's and Centennial Coal Associates on August 1, 1972. AMCA Coal Leasing Inc. acquired the lease in February, 1977.

T.13S., R.11E., SLM, Carbon County, Utah

Sec. 9: SE1/4 NW1/4

S1/2 NE1/4

NE1/4 NE1/4

N1/2 SE1/4 containing 240 acres, more or less

The name and address of the lessor is Sunedco Coal Company, 7401 West Mansfield Avenue, Suite 418, P.O. Box 35-B, Lakewood, Colorado 80235. AMCA Coal Leasing, Inc. acquired the lease in June, 1988.

UTU-69600

T.13S., R.10E. SLM, Carbon County, Utah

Sec 1: SW1/4

Sec 12: lots 2-11, W1/2 W1/2, NE1/4 SW1/4 containing  
802 acres, more or less

The name and address of the lessor is American Electric Power Service Corporation, Fuel Supply Department, P.O. Box 700, Lancaster, Ohio 43130. This agreement was executed on May 1, 1992.

BLM Right-of-Way U-62045

T.13S., R.11E., SLM, Carbon County, Utah

Sec. 18: SE1/4 NE1/4 NW1/4 containing 10 acres, more or less.

BLM Right-of-Way UTU-64158 (Left Fork Fan)

T.13S., R.10E., SLM, Carbon County, Utah  
Sec. 13: Lot 1 (portions of)

T.13S., R.11E., SLM, Carbon County, Utah  
Sec. 18: Lot 2, NE $\frac{1}{4}$ SW $\frac{1}{4}$  (portions of) containing 1.45 acres, more or less.

The lessor is the Department of the Interior, Bureau of Land Management, 324 South State Street, Salt Lake City, Utah 84111.

Private Land Easement

T.13S., R.11E., SLM, Carbon County, Utah  
Sec. 18: A portion of NE $\frac{1}{4}$  NE $\frac{1}{4}$  SE $\frac{1}{4}$  NW $\frac{1}{4}$  containing 1.5 acres, more or less.

This easement has been granted by Mrs. Gladys Artman whose address is P.O. Box 22, Mountain City, Georgia 30562.

Permit Area

The following is a description of the Permit Area as shown on Plate 1-A, with descriptions for Federal and State Leases, Fee Leases and Private Land Easements.

Federal Leases

T.13S., R.11E., SLM, Carbon County, Utah (SL-027304)  
Sec. 7: S $\frac{1}{2}$ SE $\frac{1}{4}$ , Lot 4  
Sec. 18: NW $\frac{1}{4}$ NE $\frac{1}{4}$ , Lot 1, N $\frac{1}{2}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$ , SW $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$

T.13S., R.11E., SLM, Carbon County, Utah (SL-063058)  
Sec. 8: S $\frac{1}{2}$ SW $\frac{1}{4}$   
Sec. 17: N $\frac{1}{2}$ NW $\frac{1}{4}$ , SE $\frac{1}{4}$ NW $\frac{1}{4}$ , SW $\frac{1}{4}$ NW $\frac{1}{4}$ , NE $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ , W $\frac{1}{2}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$   
Sec. 18: NE $\frac{1}{4}$ NE $\frac{1}{4}$ , E $\frac{1}{2}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ , NW $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ , SW $\frac{1}{4}$ NE $\frac{1}{4}$ , E $\frac{1}{2}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$

T.13S., R.11E., SLM, Carbon County, Utah (U-010581)  
Sec. 5: ALL  
Sec. 6: ALL  
Sec. 7: Lot 1, NE $\frac{1}{4}$ , NE $\frac{1}{4}$ NW $\frac{1}{4}$ , N $\frac{1}{2}$ SE $\frac{1}{4}$   
Sec. 8: N $\frac{1}{2}$ , N $\frac{1}{2}$ S $\frac{1}{2}$ , S $\frac{1}{2}$ SE $\frac{1}{4}$   
Sec. 9: W $\frac{1}{2}$ SW $\frac{1}{4}$   
Sec. 17: N $\frac{1}{2}$ NE $\frac{1}{4}$ , S $\frac{1}{2}$ NE $\frac{1}{4}$ , N $\frac{1}{2}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ , NE $\frac{1}{4}$ SE $\frac{1}{4}$ , N $\frac{1}{2}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$

T.13S., R.11E., SLM, Carbon County, Utah (U-52341)  
Sec. 9: NE $\frac{1}{4}$ SW $\frac{1}{4}$

T.13S., R.11E., SLM, Carbon County, Utah (U-05067)  
Sec. 4: S $\frac{1}{2}$   
Sec. 9: NW $\frac{1}{4}$ NE $\frac{1}{4}$ , W $\frac{1}{2}$ NW $\frac{1}{4}$ , NE $\frac{1}{4}$ NW $\frac{1}{4}$

T.13S., R.10E., SLM, Carbon County, Utah (UTU-66060)  
Sec. 1: Lots 1-4, S $\frac{1}{2}$ N $\frac{1}{2}$ , SE $\frac{1}{4}$   
Sec. 12: Lot 1

T.12S., R.11E., SLM, Carbon County, Utah  
Sec. 31: Lots 3-6, 12-22  
Sec. 32: W $\frac{1}{2}$ SW $\frac{1}{4}$ , SW $\frac{1}{4}$ NW $\frac{1}{4}$

\*T.12S., R.11E., SLM, Carbon County, Utah (UTU-79975)  
Sec. 29: SW $\frac{1}{4}$ SW $\frac{1}{4}$ , SW $\frac{1}{4}$ SE $\frac{1}{4}$   
Sec. 30: Lots 4, 12, 14, 15, 16  
Sec. 31: Lots 1, 2, 7-11  
Sec. 32: N $\frac{1}{2}$ NW $\frac{1}{4}$ , W $\frac{1}{2}$ NE $\frac{1}{4}$ , SE $\frac{1}{4}$ NW $\frac{1}{4}$

#### Fee Leases

T.12S., R.10E., SLM, Carbon County, Utah (Zion Sec. Mathis)  
Sec. 36: S $\frac{1}{2}$ S $\frac{1}{2}$ , S $\frac{1}{2}$ N $\frac{1}{2}$ S $\frac{1}{2}$

\*T.12S., R.10E., SLM, Carbon County, Utah (Zion Sec. Mathis)  
Sec. 36: N $\frac{1}{2}$ N $\frac{1}{2}$ S $\frac{1}{2}$ , N $\frac{1}{2}$

T.13S., R.11E., SLM, Carbon County, Utah (Zion Sec.)  
Sec. 7: S $\frac{1}{2}$ NW $\frac{1}{4}$ , N $\frac{1}{2}$ SW $\frac{1}{4}$ , SE $\frac{1}{4}$ SW $\frac{1}{4}$

T.13S., R.11E., SLM, Carbon County, Utah (Sunedco)  
Sec. 9: SE $\frac{1}{4}$ NW $\frac{1}{4}$ , S $\frac{1}{2}$ NE $\frac{1}{4}$ , NE $\frac{1}{4}$ NE $\frac{1}{4}$ , N $\frac{1}{2}$ SE $\frac{1}{4}$

T.13S., R.10E., SLM, Carbon County, Utah (A.E.P. UTU69600)  
Sec. 1: SW $\frac{1}{4}$   
Sec. 12: Lots 2-11, W $\frac{1}{2}$ W $\frac{1}{2}$ , NE $\frac{1}{4}$ SW $\frac{1}{4}$

#### BLM RIGHT-OF-WAY

T.13S., R.11E., SLM, Carbon County, Utah (UTU-62045)  
Sec. 18: SE $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$

BLM RIGHT-OF-WAY

T.13S., R.10E., SLM, Carbon County, Utah (UTU-64158)  
Sec. 13: Lot 1, (Portion of)

T.13S., R.11E., SLM, Carbon County, Utah  
Sec. 18: Lot 2, NE $\frac{1}{4}$ SW $\frac{1}{4}$  (Portions of)

Private Land Easements

T.13S., R.11E., SLM, Carbon County, Utah (Gladys Artman)  
Sec. 18: NE $\frac{1}{2}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$  (Portion of)

**\*Permit Expansion Area**

Existing Permit Area -	5507.32 Acres
Permit Expansion Area -	1010.21 Acres
	<hr/>
Total Permit Area -	6517.53 Acres

**R645-301-114.100. DOCUMENTATION**

Appendix J

**R645-301-114.200. SEVERED SURFACE AND MINERAL ESTATES**

Appendix J

**R645-301-114.210. WRITTEN SURFACE OWNER CONSENT FOR COAL EXTRACTION**

Appendix R

**R645-301-114.220. CONVEYANCE EXPRESSLY GRANTING RIGHT TO MINE COAL**

Appendix J

**R645-301-114.230. DOCUMENTATION OF LEGAL AUTHORITY TO MINE COAL**

Appendix J

**R645-301-114.300. ADJUDICATION OF PROPERTY RIGHTS DISPUTES**

**R645-301-114.300. ADJUDICATION OF PROPERTY RIGHTS DISPUTES**

The Division does not have the authority to adjudicate property rights disputes.

**R645-301-115. STATUS OF UNSUITABILITY CLAIMS**

Carbon County has authorized mining and reclamation activities within 100 feet of County Road 299. (See Appendix B)

**R645-301-115.100. IDENTIFICATION OF LANDS UNSUITABLE**

The permit area is not within an area designated unsuitable for the surface effects of underground coal mining activities or under study for designation in an administrative proceeding initiated under those pasts. Further, there are no occupied dwellings within 300 feet of the permit area including the Hoffman Creek area.

**R645-301-115.200. CLAIMS OF EXEMPTION BY COMMITMENT PRIOR TO JANUARY 4, 1977**

None.

**R645-301-115.300. MINING AND RECLAMATION OPERATIONS WITHIN 300 FEET OF AN OCCUPIED DWELLING OR WITHIN 100 FEET OF A PUBLIC ROAD**

None.

**R645-301-116. PERMIT TERM**

The starting and termination dates as well as the horizontal and vertical extent of the proposed underground mining activities over the total life of the permit are indicated on the revised Pinnacle underground layout map included as Plate 30. This plate has been revised to indicate mining on the new Hoffman Creek Lease as soon as approval is received. Also refer to the underground layout maps for the Apex and Aberdeen Mines (see Plates 29 and 31). Refer to plate 41.

**R645-301-116.100. SCHEDULE OF PHASED MINING AND RECLAMATION ACTIVITIES**

All surface facilities have been constructed for the Pinnacle, Apex and Aberdeen Mines. Earthwork for the Aberdeen Mine was completed in 1989. The surface facilities for the Aberdeen Mine were completed in early 1990. No additional surface facilities are required for any new leases. There will be no additional construction activities or surface disturbance whatsoever in Hoffman Creek or Alrad Canyon.

However, Andalex does intend to add a fan installation in the left-hand fork of Deadman Canyon at some point in time. This installation will be according to measures outlined by the Bureau of Land Management as part of Right-of-Way U-64158. (Copy of Right-of-Way is included in Appendix B.) The location of this breakout is shown on Plate 29 (R.O.W.).

Mining in the Gilson seam began in October, 1980 with a single unit's production. As mining progresses, additional units will be added with three production units and the longwall scheduled to be operating by mid-1994. A systematic mining plan will be followed to assure maximum recovery. All planning and scheduled production, however, will be contingent upon the coal market. Upon the conclusion of mining activities in the area, the scheduled reclamation phase will begin immediately.

Andalex will fill, regrade and stabilize rills and gullies over 9 inches in depth. Further, Andalex has agreed to interim stabilization of all slopes and embankments within the disturbed area and has done so. One slope located at the bottom of the office driveway, has been attempted through hydroseeding, fertilizing and mulching techniques on three separate occasions. No significant erosion problems have occurred, Andalex will notify the Division in the event of any slides or other damage.

Andalex will cover acid or toxic forming materials if any are encountered. Andalex will advise the Division in the event of a temporary shutdown, such as a letter sent to the Division when Andalex's Apex Mine was temporarily closed.

**R645-301-116.200. PERMIT TERM IN EXCESS OF FIVE YEARS**

The requested term of this permit is five years. Andalex will then apply for five year extensions over the life of the mine.

**R645-301-116.210. COMPLETENESS AND ACCURACY FOR LONGER TERM**

N/A

**R645-301-116.220. DEMONSTRATION OF NEED FOR LONGER TERM**

N/A

**R645-301-117. INSURANCE, PROOF OF PUBLICATION AND FACILITIES OR STRUCTURES USED IN COMMON**

Appendix B contains certificates of liability insurance covering personal injury and property damage resulting from this operation. Andalex commits to mitigate all subsidence related damage to renewable resources, including, but not limited to water, grazing, and wildlife habitat including raptor nests.

**R645-301-117.100. LIABILITY INSURANCE**

Appendix B

**R645-301-117.200. NEWSPAPER PUBLICATION**

A copy of the newspaper advertisement of this Mining and Reclamation Plan and proof of publication of the advertisement is filed with the Division and made part of the complete application. Also, please refer to this chapter for the public notice and proof of publication for the newly acquired Sunedco Lease.

**R645-301-117.300. FACILITIES USED IN COMMON**

The Centennial Project includes the development of three separate mines. All are currently in operation. The names and M.S.H.A. I.D. numbers for existing mines and all sections are as follow:

Pinnacle Mine - M.S.H.A. I.D. #42-01474  
Apex Mine - M.S.H.A. I.D. #42-01750  
Aberdeen Mine - M.S.H.A. I.D. #42-02028

All coal from the newly acquired AEP Lease will be mined simply as an underground extension of the existing Pinnacle and Aberdeen Mines.

**R645-301-118.**

**FILING FEE**

N/A

Page 1-27 of document

INSERT AFFIDAVIT OF PUBLICATION!!!

*Andalex Resources, Inc.  
Mine Plan Cross Reference  
To Coal Mining Rules R645*

Summary of Table of Contents

R645-301-100.	General
R645-301-200.	Soils
R645-301-300.	Biology
R645-301-400.	Land Use and Air Quality
R645-301-500.	Engineering
R645-301-600.	Geology
R645-301-700.	Hydrology
R645-301-800.	Bonding and Insurance

**R645-301-121. REQUIREMENTS****R645-301-121.100. CURRENT INFORMATION**

Information is current.

**R645-301-121.200. CLEAR AND CONCISE**

Information is clear and concise.

**R645-301-121.300. FORMAT REQUIREMENTS**

To facilitate review of the application, each chapter listed above has been further divided into specific parts and sections. These can be found listed in the detailed table of contents appearing at the beginning of this text along with the page numbers on which they appear. This table of contents also contains lists of figures, tables, plates, exhibits, and appendices to facilitate cross referencing between chapters.

Exhibits include appropriate supporting documents, reports and publications and are included as appendices.

Maps which were not reduced to fit into the text are included in a separate volume as plates. All maps and plans are submitted in accordance with the requirements.

**R645-301-123. APPLICATION FOR PERMITS, CHANGES, RENEWALS, OR TRANSFERS**

Text deleted as instructed by Technical analysis.

**R645-301-130.**

## **REPORTING AND TECHNICAL DATA**

### **Persons and Consultants Involved**

The following persons and/or organizations were involved in collection and analysis of the technical data set forth in this application.

1. In-House Consulting Services
  - a) Andalex Resources, Inc. - AMCA Coal Leasing, Inc.  
Samuel C. Quigley - Western Project Manager  
Michael W. Glasson - Senior Geologist  
Allen D. Emmel - Environmental Planning Coordinator
  
2. Outside Consulting Services
  - a) Dan W. Guy - Registered Professional Engineer (State of Utah No. 4548)  
Price, Utah  
-Sedimentation and Drainage Control Plan  
(April, 1980)  
  
- Wastewater Disposal System; Pinnacle Mine  
(April, 1980)  
Office Building (September, 1980)
  - b) Bruce T.S. Ware - Registered Land Surveyor  
Price, Utah
  - c) A and W Surveying  
Price, Utah
  - d) Commercial Testing & Engineering Co.  
Denver, Colorado
  - e) Standard Laboratories  
Huntington, Utah
  - f) Western Testing and Engineering  
Helper, Utah
  - g) VanCott, Bagely, Cornwall and McCarthy  
Attorneys at Law  
Salt Lake City, Utah
  - h) Rollins, Brown, and Gunnell

Provo, Utah

- i) Brigham Young University  
Provo, Utah  
Department of Zoology  
Clayton M. White  
(Raptor Study)  
Department of Anthropology/Archaeology  
Dr. Ray T. Matheny  
(Archaeological Survey)
- j) Earth Environmental Consultants  
Albuquerque, New Mexico
- k) Vaughn Hansen Associates  
Salt Lake City, Utah  
(Hydrology Study)
- l) Horrocks Engineers  
American Fork, Utah

#### Coordination and Consultation with Governmental Agencies

The following governmental agencies were consulted in the preparation of information set forth in this application.

U.S. Department of Agriculture  
Soil Conservation Service  
Price, Utah  
(Soil and Vegetation Survey)

U.S. Department of the Interior  
Bureau of Land Management  
Price, Utah  
Salt Lake City, Utah

Office of Surface Mining, Reclamation and Enforcement  
Denver, Colorado

U.S. Geological Survey  
Salt Lake City, Utah

State of Utah:  
Department of Natural Resources  
Division of Oil, Gas, and Mining  
Salt Lake City, Utah

Antiquities Section (Consulting Services Branch)  
Salt Lake City, Utah  
(Archaeological Survey)

Department of Natural Resources  
Division of Wildlife Resources  
Salt Lake City, Utah

References:

AMCA Coal Leasing, Inc., 1978. Mining and Reclamation Plan, Zion's Fee. Submitted to the State of Utah, Department of Natural Resources, D.O.G.M.

Centennial Coal Associates, 1976. Mining Application. Submitted to the U.S. Geological Survey.

Doelling, H.H., 1972. Central Utah Coal Fields. U.G.M.S. Monograph Series No. 3.

U.S.D.A., 1978. Soil Survey and Interpretations of the Coal Creek Emery Portion of the Price River and Emery County Areas, Carbon and Emery Counties, Utah. S.C.S.

U.S.D.I., 1979. Final Environmental Statement, Development of Coal Resources in Central Utah, Parts 1 and 2.

U.G.M.S., 1966. Central Utah Coals. U.G.M.S. Bulletin No. 80.

**R645-301-131. TECHNICAL DATA REQUIREMENTS**

Where applicable, technical data submitted has been identified as to who prepared the information and is stamped by that registered professional engineer (P.E.).

**R645-301-132. TECHNICAL ANALYSES REQUIREMENTS**

Analyses are prepared by a qualified professional engineer.

**R645-301-140. MAPS AND PLANS**

**R645-301-141. MAP FORMATS**

Mining operations at the Pinnacle Mine began on October 3, 1980, according to the Mining and Reclamation Plan approved by the State of Utah, Department of Natural Resources, Division of Oil, Gas, and Mining. The mining began on the Zion's fee lease and extended onto Andalex's federal leases according to federal approval granted in 1982. Andalex also opened the Apex Mine late in 1982. Current mining activity is occurring in the Gilson Seam and Lower Sunnyside Seam. Mining commenced in the Aberdeen Seam in mid 1988. Mining commenced in the Centennial Seam in 1990. The coal is classified as High Volatile B bituminous in the Lower Sunnyside, Gilson and Centennial Seams and as High-volatile A bituminous in the Aberdeen Seam.

The proposed mine plan area is located approximately 10 miles north-northeast of Price, Utah in Carbon County in T13S and R11E (See Figure I-2 and Plate 1). With the addition of the Sunedco Lease the Graves Lease, and the AEP lease, the coal property contains approximately 5,063 acres. Two hundred acres are fee surface and coal leased from the Zion Security Corporation. Two hundred forty acres are fee surface and coal and are leased from the Sunedco Coal Company. The remaining 4,623 acres are federal leases consisting of SL-027304 (236 acres), SL-063058 (400 acres), U-010581 (1,842 acres), U-05067 (320 acres), U-52341 (120 acres), UTU-66060 (903 acres), and UTU 69600 (802 acres), and which includes lease modifications acquired in 1981. Please see Plate 4.

This property is located in the Book Cliffs coal field and includes Alrad Canyon, Deadman Canyon, Starpoint Canyon, Straight Canyon, and Hoffman Creek Canyon areas with coal outcropping along the cliffs between 7,000 feet and 7,700 feet elevations. The topography is very rugged, the Book Cliffs being dissected by box canyons created by ephemeral streams. Large sandstone boulders eroded from the cliffs are scattered along the sides of the canyons. The land is undeveloped, used primarily for grazing, and there are no areas of national importance in the region. Mountain-Brush vegetative type covers most of the area.

There are no perennial streams or bodies of water on the property. Ground water recharge is from precipitation in the vicinity. Water supply for mine development and culinary usage is supplied by wells that have been drilled.

Historically, coal mining has been the only industry in the permit area and there are several abandoned mines located on the property. No oil or gas wells exist in the area.

Access to the mine plan area is by an existing paved county road which has been upgraded and is maintained by Carbon County. Maintenance consists of paving, chipping, patching, culvert work, ditch work, signs, snow removal, painting, patrolling (county sheriff), etc., as needed. Andalex assumes no responsibility for road maintenance or repair. The road is used as an access road as well as a haul road. It should be noted that in the event of a catastrophic event which damaged the road, Andalex would pursue all avenues to assist Carbon County in reparation of the road. All surface and support facilities necessary for present operations have been completed and are located on the Zion's fee or on rights-of-way granted by the Bureau of Land Management. This is also a small private easement granted to Andalex from Gladys M. Artman for a small portion of pond E. All proposed facilities are indicated in this application. Andalex has acquired all

applicable state and federal licenses, permits, and rights-of-way necessary to conduct mining activities on the Zion's fee property and contiguous federal leases.

Estimated remaining coal reserves as of 3-24-93 in the four beds (in place) of minable thickness totals 50.8 million tons, with recoverable coal estimated at 30.5 million tons. To date, 9.3 million tons have been produced leaving an estimated 21.2. Production schedule estimates 1,200,000 tons to be produced in 1993 increasing to 1.5 million by 1995.

If the extraction rate of 1.5 million tons is accomplished according to schedule, the project life will be about 15 years. The theoretical life is closer to 20 years however, due to the existence of unleased federal coal logically accessible through only the existing and future Andalex mine workings. Some of this coal is contained in the Graves (U-66060) and AEP (UTU-69600) Leases.

The mining method being employed is gateroad development utilizing continuous miners with final extraction by longwall. Certain fringe area reserves, inadequate for longwall panels, will be by room-and-pillar method.

Upon cessation of mining activities, reclamation activities will commence as soon as is practicable, according to the plans outlined in this application. The land will be restored according to available technology to as nearly its original condition as is possible.

This operation does not face any of the mining complications caused by faults, intrusives, excessive water, or large quantities of gas. The mine plan area is located in a region where mining has been the major industry; therefore, the nearby communities are geared for coal operations. The labor supply is excellent and well trained. With these considerations, and Andalex's prudent management, the Centennial Project will be a model mining operation in the Carbon County area with very minimal environmental and socioeconomic impact.

**R645-301-142.100. PRIOR TO AUGUST 3, 1977**

None by Andalex Resources. Several mines were operated by other independent companies or individuals in areas presently consumed by Andalex's surface facilities. Andalex's encroachment onto these previously disturbed areas transferred the responsibility for reclamation to Andalex. The specific locations of disturbed areas prior to Andalex's mining activities is irrelevant.

**R645-301-142.200. AFTER AUGUST 3, 1977**

All of Andalex's surface facilities and mining operations began after August 3, 1977.

**R645-301-142.210. PRIOR TO MAY 3, 1978**

See R645-301-142.100.

**R645-301-142.220. SMALL OPERATOR'S EXEMPTION PRIOR TO JANUARY 1, 1979**

N/A

**R645-301-142.300. AFTER MAY 3, 1978 (OR JANUARY 1, 1979 FOR SMALL OPERATOR'S EXEMPTION) AND PRIOR TO APPROVAL OF STATE PROGRAM**

N/A

**R645-301-142.400. AFTER ISSUANCE OF PERMIT BY THE DIVISION**

The following is a list of all other licenses and permits under applicable state and federal land-use, air and water quality, water rights and health and safety laws and regulations held by Andalex in order to conduct underground coal mining activities.

All permits listed are up to date and current. The NPDES Permit for the Centennial Project has been renewed in the form of a General permit (UTG 040008).

State:

- 1) State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801  
  
- Mining and Reclamation Plan for Andalex Resources' Centennial Project  
Permit I.D. Number ACT/007/019  
Approved January 4, 1982  
Permit Renewed March 2, 1987, January 1992
  
- 2) State of Utah  
Department of Health  
Division of Environmental Health  
150 West North Temple  
P.O. Box 2500  
Salt Lake City, Utah 84110  
  
- Air Quality Construction and Operation Permit  
Approved June 13, 1980  
Reapplied June 2, 1988 (modification)  
Approved June 23, 1989  
  
- Water Quality - Sediment and Drainage  
Approved May 14, 1980  
  
- Septic and Culinary Plan (2)  
Approved September 17, 1980 (Office Site)  
Approved May 8, 1980 (Bathhouse Facility)

Federal:

- 1) Environmental Protection Agency  
Region VIII  
1860 Lincoln Street  
Denver, Colorado 80295

- National Pollutant Discharge Elimination System (NPDES)  
Permit I.D. - UT-0023507  
Issued April 25, 1982  
Renewed August 31, 1989

- Prevention of Significant Deterioration of Air Quality (PSD)  
Unissued: Determined by the E.P.A. to be unnecessary

- 2) Bureau of Land Management  
Utah State Office  
Federal Building  
Salt Lake City, Utah 84111

- Access Road Right-of-Way  
Permit Number U-45966  
Granted September 1, 1980

- Buried Telephone Cable Right-of-Way  
Permit Number U-36739  
Granted November 20, 1978

- Power Transmission Line Right-of-Way  
Permit Number U-36741  
Granted November 20, 1978, assigned to UP&L

- Material Storage Site Right-of-Way  
Permit Number U-45965  
Granted September 11, 1980

- Aberdeen Mine Right-of-Way  
Permit Number UTU-62045  
Granted June 6, 1988

- 3) Mine Safety and Health Administration (M.S.H.A.)  
P.O. Box 25367  
Denver, Colorado 80225  
(District 9)

Pinnacle Mine I.D. 42-01474  
Apex Mine I.D. 42-01750

Aberdeen Mine I.D. 42-02028

- Roof Control Plan  
Reviewed and approved every six months
- Ventilation System and Methane and Dust Control Plan  
Reviewed and approved every six months
- Smoking Prohibition Plan  
Approved August 4, 1992
- Training Plan  
Approved November 27, 1990
- Instruction Program: Firefighting and Evacuation Plan  
Approved August 4, 1992
- SCSR Storage Plan  
Approved May 18, 1992
- Chest X-Ray Plan  
Approved March 15, 1990

**R645-301-150.      COMPLETENESS**

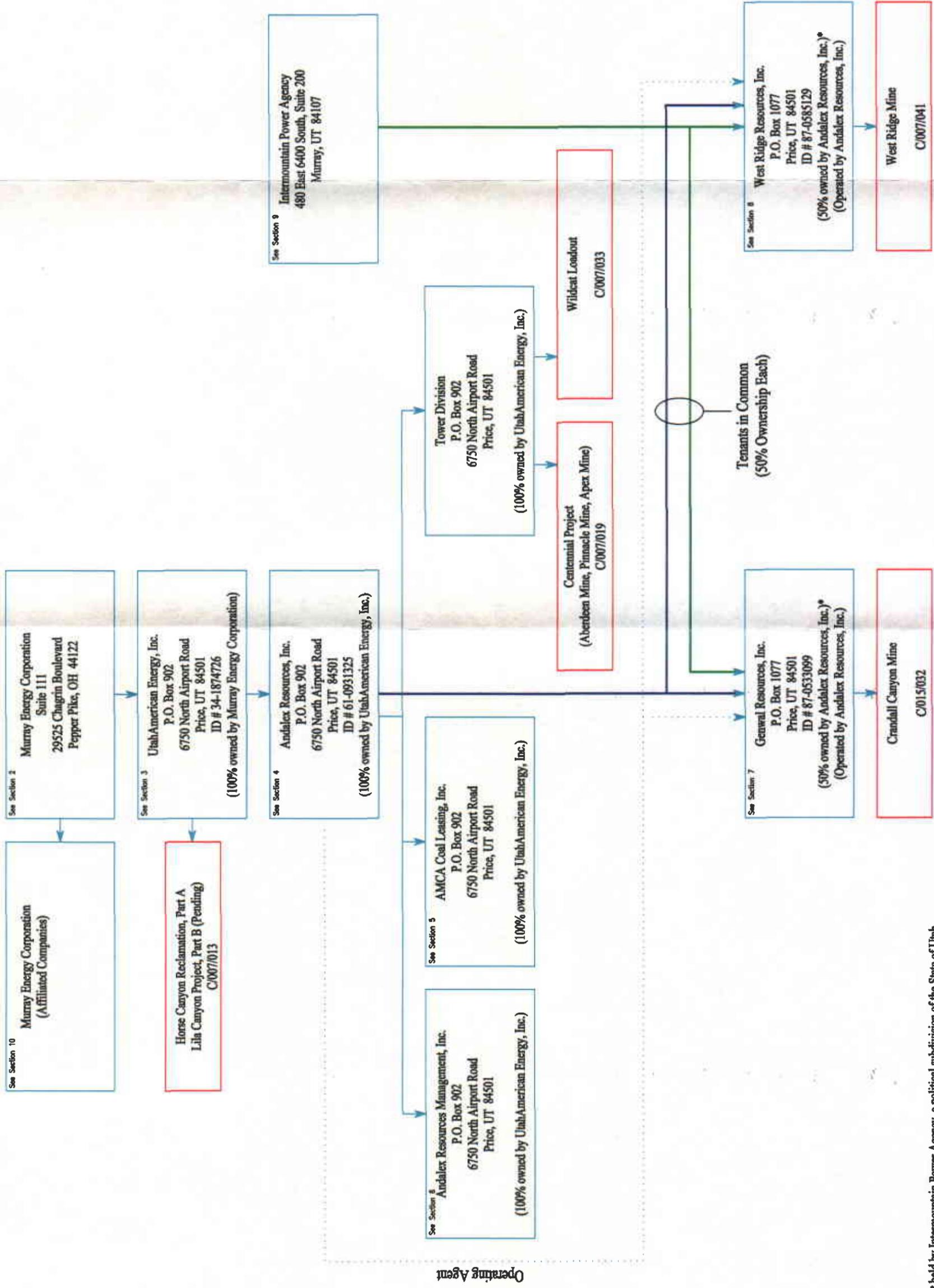
Per Division.

**Appendix A**  
**Ownership and Control**

**Section 1**

Insert  
Family Tree

**OWNERSHIP AND CONTROL**



Operating Agent

\* 50% undivided interest held by Intermountain Power Agency, a political subdivision of the State of Utah.

**Section 2**

MURRAY ENERGY CORPORATION  
Suite 111  
29525 Chagrin Boulevard  
Pepper Pike, OH 44122

**Appointment of Officers**

Robert E. Murray	Chairman, President & Chief Executive Officer	02/23/01 02/23/01
John R. Forrelli	Vice President	12/18/03
Robert D. Moore	Vice President	12/17/04
P. Bruce Hill	Vice President - Human Resources	12/18/03
Michael D. Loiacono	Treasurer Chief Financial Officer	02/23/01 12/20/05
Michael O. McKown	Secretary	02/23/01

**Incorporation Information:**

State of Incorporation	Ohio; Charter No. 1211519
Date of Incorporation	February 23, 2001
ID#	34-1956752

Shareholder:

Robert E. Murray

Sole Voting Shareholder

Directors:

Robert E. Murray

02/23/01

Michael D. Loiacono

12/20/05

Henry W. Fayne

01/28/05

Richard L. Lawson

01/28/05

Andrew D. Weissman

10/23/03

**Section 3**

UTAHAMERICAN ENERGY, INC.  
P.O. Box 902  
6750 North Airport Road  
Price, UT 84501

**Appointment of Officers:**

P. Bruce Hill	Chief Executive Officer	08/18/06
Doug Smith	President	08/18/06
Robert D. Moore	Treasurer	08/18/06
Michael O. McKown	Secretary	08/18/06

**Directors:**

Robert E. Murray		08/18/06
P. Bruce Hill		08/18/06

**Section 4**

ANDALEX RESOURCES, INC.  
P.O. Box 902  
6750 North Airport Road  
Price, UT 84501

**Appointment of Officers:**

P. Bruce Hill	Chief Executive Officer	08/18/06
Doug Smith	President	08/18/06
Robert D. Moore	Treasurer	08/18/06
Michael O. McKown	Secretary	08/18/06

**Directors:**

Robert E. Murray	08/18/06
P. Bruce Hill	08/18/06

**MSHA Numbers**

Apex Mine	42-01750
Pinnacle Mine	42-01474
Aberdeen Mine	42-02028
Wildcat Loadout	42-01864

**Section 5**

AMCA COAL LEASING, INC.  
P.O. Box 902  
6750 North Airport Road  
Price, UT 84501

**Appointment of Officers:**

P. Bruce Hill	Chief Executive Officer	08/18/06
Doug Smith	President	08/18/06
Robert D. Moore	Treasurer	08/18/06
Michael O. McKown	Secretary	08/18/06

**Directors:**

Robert E. Murray		08/18/06
P. Bruce Hill		08/18/06

**Section 6**

ANDALEX RESOURCES MANAGEMENT, INC.

P.O. Box 902

6750 North Airport Road

Price, UT 84501

**Appointment of Officers:**

P. Bruce Hill	Chief Executive Officer	08/18/06
Doug Smith	President	08/18/06
Robert D. Moore	Treasurer	08/18/06
Michael O. McKown	Secretary	08/18/06

**Directors:**

Robert E. Murray	08/18/06
P. Bruce Hill	08/18/06

**Section 7**

GENWAL RESOURCES, INC.

P.O. Box 1077

Price, UT 84501

**Appointment of Officers:**

P. Bruce Hill	Chief Executive Officer	08/18/06
Doug Smith	President	08/18/06
Robert D. Moore	Treasurer	08/18/06
Michael O. McKown	Secretary	08/18/06

**Directors:**

Robert E. Murray	08/18/06
P. Bruce Hill	08/18/06

**MSHA Numbers**

Crandall Canyon Mine	42-01715
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**Section 8**

WEST RIDGE RESOURCES, INC.  
P.O. Box 1077  
Price, UT 84501

**Appointment of Officers:**

P. Bruce Hill	Chief Executive Officer	08/18/06
Doug Smith	President	08/18/06
Robert D. Moore	Treasurer	08/18/06
Michael O. McKown	Secretary	08/18/06

**Directors:**

Robert E. Murray	08/18/06
P. Bruce Hill	08/18/06

**MSHA Number**

West Ridge Mine    42-02233

Section 9

INTERMOUNTAIN POWER AGENCY (Tenant in Common)

480 East 6400 South

Suite 200

Murray, UT 84107

Appointment of Officers

Ray Farrell	Chairman	12/1998
R. Leon Bowler	Vice-Chairman	12/1984
Ted L. Olson	Secretary	01/2002
Clifford C. Michaelis	Treasurer	01/1990

Directors

R. Leon Bowler	06/1977
Ray Farrell	11/1978
Clifford C. Michaelis	01/1988
Ted L. Olson	01/1990
Russell F. Fjeldsted	01/1992
Walter Meacham	01/1999
Gary O. Merrill	01/2002

Name and address of IPA's general manager:

Reed T. Searle  
Intermountain Power Agency  
480 East 6400 South, Suite 200  
Murray, Utah 84107  
Telephone (801)262-8807  
Assumed position September, 1989

Resident Agent for IPA:

Mark Buchi  
Holme, Roberts, and Owen  
111 East Broadway, Suite 1100  
Salt Lake City, Utah 84111  
Assumed position January, 1988

IPA Designated representative to the Crandall Canyon Project and West Ridge Project  
Management Boards:

Eric J. Tharp  
Operating Agent  
Los Angeles Department of Water & Power  
111 North Hope Street, Room 1263  
Los Angeles, California 90012-2694  
Telephone (213)367-0286

Principle Shareholders of IPA:

IPA has no shareholders. IPA is a political subdivision of the State of Utah created under the Interlocal Cooperation Act, Title II, Chapter 13, Utah code Ann. 1953, as amended, and as such, has not issued stock.

**Section 10**

MURRAY ENERGY AFFILIATE COMPANIES

**AMCOAL HOLDINGS, INC.**

8/31/06-blr

**Principal Office:**

29325 Chagrin Boulevard  
Suite 300  
Pepper Pike, Ohio 44122

101 Prosperous Place  
Suite 125  
Lexington, Kentucky 40509

Officers:

Robert E. Murray	President	5/23/03
P. Bruce Hill	Vice President – Human Resources	10/01/98
Robert D. Moore	Treasurer	10/01/98
Michael O. McKown	Secretary	3/1/05
Jeffrey L. Cash	Assistant Treasurer	11/01/99

Incorporation Information:

State of Incorporation: Ohio;  
Charter No. 1007981

Date of Incorporation: June 12, 1998

ID #34-1867389

Shareholders: Murray Energy Corporation

Directors: Robert E. Murray

Revised 2/14/05

## THE AMERICAN COAL COMPANY

**Principal Office:**  
29325 Chagrin Boulevard  
Suite 300  
Pepper Pike, Ohio 44122

P. O. Box 727  
Harrisburg, Illinois 62946

### Officers:

Robert E. Murray	Acting President	11/02/02
John R. Forrelli	Vice President	9/07/04
Michael O. McKown	Vice President, General Counsel and Secretary	3/15/99 3/1/05
P. Bruce Hill	Vice President – Human Resources	10/01/98
Robert D. Moore	Treasurer	10/01/98
Jeffrey L. Cash	Assistant Treasurer and Assistant Secretary	11/01/99 6/01/01

### Incorporation Information:

State of Incorporation      Delaware;  
Charter No. 2881631

Date of Incorporation      June 2, 1998

ID #73-1543124

Shareholders:              AmCoal Holdings, Inc.

Directors:                  Robert E. Murray

Revised: 2/14/05

**AMERICAN COAL RESOURCES, INC.**

29325 Chagrin Boulevard  
Suite 300  
Pepper Pike, Ohio 44122

Officers:

Robert E. Murray	President and Chief Executive Officer	4/15/93 4/15/93
Michael D. Loiacono	Treasurer and Assistant Secretary	4/15/93 6/26/00
Michael O. McKown	Secretary	3/1/05

Incorporation Information:

State of Incorporation	Ohio; Charter No. 743293
Date of Incorporation	February 23, 1989
ID #34-1615627	

Shareholders:

Robert E. Murray  
Donald P. Krahel and  
Virginia B. Krahel (joint tenants  
with right of survivorship)

Directors:

Robert E. Murray	1/14/91
Brenda L. Murray	

Revised 2/14/05

## THE AMERICAN COAL SALES COMPANY

29325 Chagrin Boulevard  
Suite 300  
Pepper Pike, Ohio 44122

### Officers:

Robert E. Murray	Chief Executive Officer	11/11/88
B. J. Cornelius	President	9/08/95
Edwin D. Lane	Vice President	11/01/99
William E. Hollars	Vice President	3/1/05
Michael O. McKown	Secretary	3/1/05
James R. Turner, Jr.	Treasurer and Assistant Secretary	3/1/05

### Incorporation Information:

State of Incorporation	Ohio; Charter No. 727836
Date of Incorporation	June 29, 1988
ID #34-1603699	

Shareholder: Coal Resources, Inc.

Directors: Robert E. Murray 9/08/95

Revised 1/17/06

**AMERICAN COMPLIANCE COAL, INC.**

29325 Chagrin Boulevard  
Suite 300  
Pepper Pike, Ohio 44122

Officers:

Stanley T. Piasecki	President	3/1/05
Charles E. Shestak	Vice President	03/10/03
Michael O. McKown	Secretary	3/1/05
Robert D. Moore	Treasurer and Assistant Secretary	6/25/01 6/25/01
Elmer A. Mottillo	Assistant Treasurer	8/22/03

Incorporation Information:

State of Incorporation	Colorado; Charter No. 19941059260
Date of Incorporation	May 24, 1994
ID #34-1797161	

Shareholder: Murray Energy Corporation

Director: Robert E. Murray

Revised: 02/14/05

**AMERICAN ENERGY CORPORATION**

43521 Mayhugh Hill Road  
Township Highway 88  
Beallsville, Ohio 43716

Officers:

Robert E. Murray	President	12/15/04
Michael O. McKown	Secretary	11/01/99
James R. Turner, Jr.	Treasurer	3/1/05
Robert L. Putsock	Assistant Treasurer	1/27/04

Incorporation Information:

State of Incorporation	Ohio; Charter No. 00842695
Date of Incorporation ID #31-1550443	April 12, 1993

Shareholder: Murray Energy Corporation

Director: Robert E. Murray 12/15/04

Revised 2/14/05

**ANCHOR LONGWALL AND REBUILD, INC.**

One Industrial Park Drive  
Wheeling, West Virginia 26003

Officers:

P. Bruce Hill	President and Assistant Secretary	2/16/99 2/16/99
Michael O. McKown	Secretary	11/01/99
James R. Turner, Jr.	Treasurer	9/16/05

Incorporation Information:

State of Incorporation      West Virginia;  
Charter No. 00961100093212818

Date of Incorporation      April 18, 1996

ID #55-0749933

Shareholder:              Coal Resources, Inc.

Director:                  Charles E. Shestak              11/01/99  
P. Keith McGilton              11/01/99

Revised 1/17/06

**AVONMORE RAIL LOADING, INC.**

125 Old Farm Drive,  
Pittsburgh, PA 15239

Officers:

P. Bruce Hill	President	6/25/01
Robert D. Moore	Treasurer	6/25/01
Michael O. McKown	Secretary	3/1/05
Robert L. Putsock	Assistant Treasurer	1/02/03
Elmer A. Mottillo	Assistant Secretary	1/02/03

Incorporation Information:

State of Incorporation	Delaware; Charter No. 0798860
Date of Incorporation Qualified	February 19, 1974 May 6, 1974 Pennsylvania; PA Entity #000302999

ID #25-1253970

Shareholder: Mill Creek Mining Company

Director: Charles E. Shestak

Revised: 2/14/05

P. O. Box 146  
Powhatan, Ohio 43942

**BELMONT COAL, INC.**

Officers:

Robert D. Moore	President	6/25/01
James R. Turner, Jr.	Secretary and Treasurer	9/16/05

Incorporation Information:

State of Incorporation	Ohio; Charter No. 00842697
Date of Incorporation	April 12, 1993
ID #31-1536602	

Shareholder: Murray Energy Corporation

Director: Duane A. Smith

Revised: 1/17/06

125 Old Farm Drive  
Pittsburgh, PA 15239

**CANTERBURY COAL COMPANY**

Officers:

P. Bruce Hill	President and General Manager	6/25/01
Robert D. Moore	Secretary and Treasurer	6/25/01 6/25/01
Robert L. Putsock	Assistant Treasurer	1/02/03
Elmer A. Mottillo	Assistant Secretary	1/02/03

Incorporation Information:

State of Incorporation      Pennsylvania;  
PA Entity #000055242

Date of Incorporation      July 26, 1963

ID #25-1127473

Shareholder:                      Mill Creek Mining Company

Director:                              Charles E. Shestak

Revised: 2/14/05

**CHAGRIN EXECUTIVE OFFICES LLC**

29325 Chagrin Boulevard  
Suite 300  
Pepper Pike, Ohio 44122

Officers:

Robert E. Murray	Managing Member	8/17/00
Michael D. Loiacono	Treasurer and Assistant Secretary	8/17/00 8/17/00
Michael O. McKown	Secretary	8/17/00

Organization Information:

State of Organization: Ohio;  
Charter No. 1176391

Date of Organization: August 17, 2000

ID #34-1935881

**COAL RESOURCES, INC.**

29325 Chagrin Boulevard  
Suite 300  
Pepper Pike, Ohio 44122

Officers:

Robert E. Murray	Chairman, President and Chief Executive Officer	3/1/05
Michael D. Loiacono	Treasurer and Chief Financial Officer	1/28/05 12/20/05
Michael O. McKown	Secretary	11/1/05
Robert L. Putsock	Assistant Secretary and Assistant Treasurer	6/25/01 6/25/01

Incorporation Information:

State of Incorporation	Ohio; Charter No. 717546
Date of Incorporation	January 29, 1988
ID #34-1586390	

Shareholder: Robert E. Murray

Directors: Robert E. Murray  
Henry W. Fayne  
Andrew Weissman  
Richard L. Lawson  
Michael D. Loiacono 12/20/05

Revised  
1/17/06

**COAL RESOURCES HOLDINGS CO.**

29325 Chagrin Boulevard  
Suite 300  
Pepper Pike, Ohio 44122

Officers:

Robert E. Murray	Chairman, President and Chief Executive Officer	3/1/05
Michael D. Loiacono	Treasurer & Chief Financial Officer	1/28/05
P. Bruce Hill	Secretary	3/1/05
Robert L. Putsock	Assistant Secretary and Assistant Treasurer	6/30/03

Incorporation Information:

State of Incorporation	Delaware Charter No.
Date of Incorporation	June 27, 2003
ID #	20-0100479

Shareholder:

Director: Robert E. Murray

Revised 1/31/05

One Industrial Park Drive  
Wheeling, West Virginia 26003

**COMPLIANCE COALS, INC.**

Officers:

Robert D. Moore	President	5/03/06
Robert D. Moore	Treasurer and Assistant Secretary	6/25/01 6/25/01
Michael O. McKown	Secretary	3/1/05
Robert L. Putsock	Assistant Secretary	1/02/03

Incorporation Information:

State of Incorporation	West Virginia; Charter No. 0088305016235 PBR
Date of Incorporation	October 31, 1988
ID #34-1632808	

Shareholder: Murray Energy Corporation

Director: Robert E. Murray

Revised: 6/26/06

**CONSOLIDATED LAND COMPANY**

29325 Chagrin Boulevard, Suite 300  
Pepper Pike, Ohio 44122

Officers:

Robert D. Moore	President	8/11/04
Robert D. Moore	Treasurer and Assistant Secretary	6/25/01 6/25/01
Michael O. McKown	Secretary	3/1/05
Elmer A. Mottillo	Assistant Secretary	8/22/03

Incorporation Information:

State of Incorporation      Ohio;  
Charter No. 00842696

Date of Incorporation      April 12, 1993

ID #34-1769562

Shareholder:                      Murray Energy Corporation

Director:                              Robert D. Moore                      8/11/04

Revised: 2/14/05

**CORPORATE AVIATION SERVICES, INC.**

29325 Chagrin Boulevard  
Suite 300  
Pepper Pike, Ohio 44122

Officers:

Robert E. Murray	President and Chief Executive Officer	4/07/93 4/07/93
James R. Turner, Jr.	Treasurer and Assistant Secretary	3/1/05
Michael O. McKown	Secretary	3/1/05

Incorporation Information:

Date of Incorporation	December 15, 1988
State of Incorporation	Ohio; Charter No. 738369

ID #34-1603750

Shareholder: The American Coal Sales Company

Director: Robert E. Murray

Revised 2/14/05

**ENERGY RESOURCES, INC.**

P. O. Box 259  
R. D.#2, Fermantown Road  
Brockway, PA 15824

Officers:

Stanley T. Piasecki	President and Chief Executive Officer	8/11/04
Elmer A. Mottillo	Treasurer	8/22/03
Michael O. McKown	Secretary	3/1/05
Charles E. Shestak	Assistant Secretary	4/30/93

Incorporation Information:

State of Incorporation	Pennsylvania; PA Entity #762734
Date of Incorporation	September 14, 1982
ID #31-1044044	

Shareholder: Mill Creek Mining Company

Director: Stanley T. Piasecki 8/11/04

**ENERGY TRANSPORTATION, INC.**

P. O. Box 259  
R. D. #2, Fermantown Road  
Brockway, PA 15824

Officers:

Stanley T. Piasecki	President	8/11/04
Elmer A. Mottillo	Treasurer	8/22/03
Michael O. McKown	Secretary	3/1/05
Charles E. Shestak	Assistant Secretary	6/01/00

Incorporation Information:

State of Incorporation	Pennsylvania PA Entity 691712
Date of Incorporation	November 4, 1982
Certificate of Amendment	June 28, 1988; #88511250
ID #25-1426879	

Shareholder: Mill Creek Mining Company

Director: Stanley T. Piasecki 8/11/04

Revised 2/14/05

**THE HOCKING VALLEY RESOURCES COMPANY**

29325 Chagrin Boulevard  
Suite 300  
Pepper Pike, Ohio 44122

Officers:

P. Bruce Hill	President	3/1/05
Michael D. Loiacono	Secretary and Treasurer	4/05/93

Incorporation Information:

State of Incorporation	Ohio; Charter No. 755531
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Date of Incorporation	August 25, 1989
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ID #34-1635301

Shareholder:

Ohio Valley Resources, Inc.  
(Murray Energy Corporation)

Director:

Robert E. Murray 4/05/93

Revised 2/14/05

**KANAWHA TRANSPORTATION CENTER, INC.**

**Principal Office:**

29325 Chagrin Boulevard  
Suite 300  
Pepper Pike, Ohio 44122

One Industrial Park Drive  
Wheeling, West Virginia 26003

Officers:

Samuel J. Secreet	President	5/12/00
Robert D. Moore	Treasurer and Secretary	8/11/04
James R. Turner, Jr.	Assistant Treasurer and Assistant Secretary	9/16/05

Incorporation Information:

State of Incorporation	West Virginia; Charter No. 000910560151723604
Date of Incorporation	February 25, 1991
ID #34-1682102	

Shareholder:

Murray Energy Corporation

Director:

Robert E. Murray 2/22/91

Revised 1/17/06

**KENAMERICAN RESOURCES, INC.**

101 Prosperous Place  
Suite 125  
Lexington, Kentucky 40509

Officers:

Dennis W. Bryant	President	8/1/05
B. J. Cornelius	Senior Vice President-Sales	11/1/05
James R. Turner, Jr.	Treasurer	3/1/05
Robert D. Moore	Assistant Treasurer	3/1/05
Michael O. McKown	Secretary	2/13/06

Incorporation Information:

State of Incorporation	Kentucky; Charter No. 0331655
Date of Incorporation	June 9, 1994
ID #61-1264385	

Shareholder: Mill Creek Mining Company

Director: Robert E. Murray 6/1/05

Revised 2/13/06

**LAND RESTORATION, INC.**

DISSOLVED AND MERGED INTO KENAMERICAN RESOURCES, INC.  
IN JANUARY, 1998

**MAPLE CREEK MINING, INC.**

**Principal Office:**

29325 Chagrin Boulevard  
Suite 300  
Pepper Pike, Ohio 44122

981 Route 917  
Bentleyville, Pennsylvania 15314

Officers:

Paul B. Piccolini	President	4/28/06
Ronnie D. Dietz	Vice President and Treasurer	3/1/05
Michael B. Gardner	Secretary	3/1/05
Roberta K. Heil	Assistant Secretary	11/01/99

Incorporation Information:

State of Incorporation      Pennsylvania;  
PA Entity #2607113

Date of Incorporation      November 9, 1994

ID #25-1755305

Shareholder:              Sunburst Resources, Inc.      1/11/95

Director:                  Robert E. Murray

Revised 4/28/06

**MAPLE CREEK PROCESSING, INC.**

**Principal Office:**

29325 Chagrin Blvd., Suite 300  
Pepper Pike, Ohio 44122

981 Route 917  
Bentleyville, Pennsylvania 15314

Officers:

Paul B. Piccolini	President	4/28/06
Ronnie D. Dietz	Vice President and Treasurer	3/1/05
Michael B. Gardner	Secretary	3/1/05

Incorporation Information:

State of Incorporation      Pennsylvania;  
PA Entity #2616383

Date of Incorporation      January 10, 1995

ID #34-1804630

Shareholder:

Sunburst Resources, Inc.

Director:

Robert E. Murray

Revised 4/28/06

**MID-GISH HOLDINGS, INC.**

DISSOLVED AND MERGED INTO KENAMERICAN RESOURCES, INC.  
IN JANUARY, 1998

**MILL CREEK MINING COMPANY**

P. O. Box 259  
R. D. #2, Fermantown Road  
Brockway, PA 15824

Officers:

Charles E. Shestak	President	8/18/98
Robert D. Moore	Treasurer	6/25/01
Michael O. McKown	Secretary	3/1/05
Robert L. Putsock	Assistant Secretary and Assistant Treasurer	6/25/01 6/25/01

Incorporation Information:

State of Incorporation	Pennsylvania; PA Entity #0007447787
Date of Incorporation	December 1, 1981
Certificate of Amendment	July 7, 1988; #8854525
ID #31-1040986	

Shareholder: Coal Resources, Inc.

Director: Robert E. Murray 5/14/04

Revised 8/2/05

**MONVALLEY TRANSLOADING, INC.**

c/o CT Corporation,  
Statutory Agent

Officers:

Paul B. Piccolini	President, Treasurer and Secretary	5/03/06
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Incorporation Information:

State of Incorporation	Pennsylvania; PA Entity #2667527
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Date of Incorporation	November 29, 1995
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ID # (Was not applied for)

<u>Shareholder:</u>	Murray Energy Corporation
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<u>Directors:</u>	Robert E. Murray
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**MONVALLEY TRANSPORTATION CENTER, INC.**

P. O. Box 135  
1060 Ohio Avenue  
Glassport, Pennsylvania 15045

Officers:

Paul B. Piccolini	President	4/28/06
James R. Turner, Jr.	Secretary and Treasurer	3/1/05

Incorporation Information:

State of Incorporation	Pennsylvania; PA Entity #856918
Date of Incorporation	February 15, 1985
ID #25-1490495	

Shareholders:

Pennsylvania Transloading, Inc.

Directors:

Robert E. Murray and Michael D. Loiacono	11/01/99
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Revised 4/28/06

29325 Chagrin Boulevard, Suite 300  
Pepper Pike, Ohio 44122

**MURRAY ENERGY CORPORATION**

Officers:

Robert E. Murray	Chairman, President, & Chief Executive Officer	2/23/01 2/23/01
John R. Forrelli	Vice President	12/18/03
Robert D. Moore	Vice President	12/17/04
P. Bruce Hill	Vice President-Human Resources	12/18/03
Michael D. Loiacono	Treasurer Chief Financial Officer	2/23/01 12/20/05
Michael O. McKown	Secretary	2/23/01

Incorporation Information:

State of Incorporation	Ohio; Charter No. 1211519
Date of Incorporation	February 23, 2001
ID #34-1956752	

Shareholder:

Robert E. Murray  
(Sole Voting Shareholder)

Directors:

Robert E. Murray	
Michael D. Loiacono	12/20/05
Henry W. Fayne	1/28/05
Richard L. Lawson	1/28/05
Andrew D. Weissman	10/23/03

Revised 10/10/05

**MURRAY ENERGY HOLDINGS CO.**

29325 Chagrin Boulevard, Suite 300  
Pepper Pike, Ohio 44122

Officers:

Robert E. Murray	Chairman, President, & Chief Executive Officer	6/30/03
Michael D. Loiacono	Chief Financial Officer and Treasurer	1/10/05 6/30/03
Michael O. McKown	Secretary	6/30/03

Incorporation Information:

State of Incorporation	Delaware; Charter No.
Date of Incorporation	June 27, 2003
ID #	20-0100463

Shareholder:

<u>Directors:</u>	Robert E. Murray	6/30/03
	Michael D. Loiacono	6/30/03
	Michael O. McKown	6/30/03

Revised 2/14/05

29325 Chagrin Boulevard, Suite 300  
Pepper Pike, Ohio 44122

**THE MURRAY FOUNDATION**

DISSOLVED 3-15-06

Officers:

Robert E. Murray	President and Treasurer	10/12/01 10/12/01
Steven C. Ellis	Secretary	10/12/01

Incorporation Information:

State of Incorporation	Ohio; Entity No. 1260737 (non-profit)
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Date of Incorporation	October 12, 2001
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ID #34-1968918

<u>Director:</u>	Robert E. Murray	10/12/01
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**OHIOAMERICAN ENERGY, INCORPORATED**

29325 Chagrin Boulevard, Suite 300  
Pepper Pike, Ohio 44122

Officers:

D. Michael Jamison	President	5/2/05
Michael O. McKown	Secretary	5/2/05
Robert D. Moore	Treasurer	5/2/05
Elmer A. Mottillo	Assistant Treasurer	6/30/06

Incorporation Information:

State of Incorporation	Ohio
Date of Incorporation	February 1, 2005
ID # 20-3044610	Ohio Charter No. 1518533

<u>Director:</u>	Robert E. Murray	5/2/05
<u>Shareholder:</u>	Murray Energy Corporation	
7/19/06		

29325 Chagrin Boulevard  
Suite 300  
Pepper Pike, Ohio 44122

**OHIO RIVER LIME, INC.**

**— IN PROCESS OF BEING DISSOLVED —**

Officers:

Clyde I. Borrell	President	11/15/98
Robert D. Moore	Secretary and Treasurer	6/25/01 6/25/01
Robert L. Putsock	Assistant Secretary	1//03

Incorporation Information:

State of Incorporation	Ohio; Charter No. 1010207
Date of Incorporation	June 22, 1998
ID #31-1637235	

Shareholders: Coal Resources, Inc.

Directors: Robert E. Murray

Revised: 1/10/03

**THE OHIO VALLEY COAL COMPANY**

**Principal Office:**  
56854 Pleasant Ridge Road  
Alledonia, Ohio 43901

29325 Chagrin Boulevard  
Suite 300  
Pepper Pike, Ohio 44122

Officers:

Vacant	President	11/4/05
Ronnie D. Dietz	Treasurer, Assistant Secretary and Corporate Comptroller	3/1/05
Michael B. Gardner	Secretary	3/1/05
Roberta K. Heil	Assistant Secretary	11/01/99
Bonnie M. Froehlich	Assistant Secretary and Assistant Treasurer	6/25/01 6/25/01

Incorporation Information:

State of Incorporation	Ohio; Charter No. 384971
Date of Incorporation	June 6, 1969
Certificate of Amendment	October 4, 1988; #201274
ID #34-1041310	

Shareholder: Ohio Valley Resources, Inc.

Director: Robert E. Murray

Revised 2/14/05

**OHIO VALLEY RESOURCES, INC.**

29325 Chagrin Boulevard  
Suite 300  
Pepper Pike, Ohio 44122

Officers:

Paul B. Piccolini	President	4/28/06
Ronnie D. Dietz	Treasurer, Assistant Secretary and Corporate Comptroller	3/1/05
Michael B. Gardner	Secretary	3/1/05

Incorporation Information:

State of Incorporation	Ohio; Charter No. 721514
Date of Incorporation	March 29, 1988
ID #34-1586391	

Shareholder: Murray Energy Corporation

Director: Robert E. Murray

Revised 11/8/05

56854 Pleasant Ridge Road  
Alledonia, Ohio 43902

**THE OHIO VALLEY TRANSLOADING COMPANY**

Officers:

Vacant	President	11/4/05
Ronnie D. Dietz	Treasurer, Assistant Secretary and Corporate Comptroller	3/1/05
Michael B. Gardner	Secretary	3/1/05
Roberta K. Heil	Assistant Secretary	9/01/00

Incorporation Information:

State of Incorporation	Ohio; Charter No. 727835
Date of Incorporation	June 29, 1988
ID #34-1611209	

Shareholder: Ohio Valley Resources, Inc.

Director: Robert E. Murray 4/06/93

Revised 11/8/05

**THE OKLAHOMA COAL COMPANY**

29325 Chagrin Boulevard  
Suite 300  
Pepper Pike, Ohio 44122

Officers:

Paul B. Piccolini	President	4/28/06
Michael O. McKown	Secretary	3/1/05
James R. Turner, Jr.	Treasurer and Assistant Secretary	3/1/05
Robert L. Putsock	Assistant Secretary	1/10/03

Incorporation Information:

State of Incorporation                      Oklahoma;  
Charter No. DB00477836

Date of Incorporation                      April 17, 1989

Licensed in Ohio                              February 27, 1991;  
FL 790739

ID #34-1673480

Shareholder:                                      The American Coal Sales Company

Director:    Robert E. Murray

Revised: 4/28/06

**ONEIDA COAL COMPANY, INC.**

29325 Chagrin Boulevard  
Suite 300  
Pepper Pike, Ohio 44122

Officers:

Robert D. Moore	President and Treasurer	6/25/01 11/01/99
Robert L. Putsock	Assistant Secretary	6/25/01
Michael O. McKown	Secretary	3/1/05

Incorporation Information:

State of Incorporation	West Virginia; Charter No. 00000020004097TAX
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Date of Incorporation	August 29, 1983
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ID #62-1011712

<u>Shareholder:</u>	West Virginia Resources, Inc.
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<u>Director:</u>	Robert E. Murray
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Revised 2/14/05

125 Old Farm Drive  
Pittsburgh, PA 15239

**PENNAMERICAN COAL, INC.**

Officers:

P. Bruce Hill	President	6/25/01
Robert D. Moore	Treasurer and Secretary	6/25/01 6/25/01
Robert L. Putsock	Assistant Secretary	6/25/01

Incorporation Information:

State of Incorporation	Pennsylvania; PA Entity #2545905
Date of Incorporation	September 13, 1993
ID #25-1722115	

<u>Shareholder:</u>	Mill Creek Mining Co.	11/08/93
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<u>Director:</u>	Robert E. Murray
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Revised 2/14/05

**PENNAMERICAN COAL LP**

125 Old Farm Drive  
Pittsburgh, PA 15239

Partners:

Pinski Corp.	Managing Partner
PennAmerican Coal, Inc.	Limited Partner

EIN# 25-1800809  
Partnership Effective 7/8/98

Revised 2/14/05

**PENNSYLVANIA TRANSLOADING, INC.**

29325 Chagrin Boulevard  
Suite 300  
Pepper Pike, Ohio 44122

Officers:

Paul B. Piccolini	President	4/28/06
James R. Turner, Jr.	Treasurer	3/1/05
Michael O. McKown	Secretary	3/1/05

Incorporation Information:

State of Incorporation      Ohio;  
Charter No. 736747

Date of Incorporation      November 18, 1988

Qualified:                      Pennsylvania;  
December 28, 1988

Certificate of Authority      No. 8898868

ID #34-1603748

Shareholder:                      Consolidated Land Company    4/01/96

Director:                              Robert E. Murray

Revised 4/28/06

125 Old Farm Drive  
Pittsburgh, PA 15239

**PINSKI CORP.**

Officers:

P. Bruce Hill	President and General Manager	9/05/00
Robert D. Moore	Treasurer and Secretary	6/25/01 6/25/01
Robert L. Putsock	Assistant Treasurer and Assistant Secretary	6/25/01 6/25/01

Incorporation Information:

State of Incorporation	Pennsylvania; PA Entity #002710766
Date of Incorporation	August 19, 1996
ID #25-1800870	

Shareholder: PennAmerican Coal, Inc.

Director: Charles E. Shestak

Revised 2/14/05

29325 Chagrin Boulevard  
Suite 300  
Pepper Pike, Ohio 44122

**PLEASANT FARMS, INC.**

Officers:

Darrell L. Gartrell	President	3/08/99
Michael D. Loiacono	Treasurer	4/06/93
Michael O. McKown	Secretary	3/1/05
Robert D. Moore	Assistant Secretary and Assistant Treasurer	6/25/01 6/25/01

Incorporation Information:

State of Incorporation	Ohio; Charter No. 734241
Date of Incorporation	October 11, 1988
ID #34-1616122	

Shareholder: The American Coal Sales Company

Director: Robert E. Murray

Revised 2/14/05

29325 Chagrin Boulevard, Suite 300  
Pepper Pike, Ohio 44122

**PREMIUM COAL, INC.**

Officers:

D. Michael Jamison	President	4/22/05
Michael O. McKown	Secretary and Treasurer	5/25/01 5/25/01
Robert D. Moore	Assistant Secretary and Assistant Treasurer	5/21/01 5/25/01

Incorporation Information:

State of Incorporation	Pennsylvania; PA Entity ( or Charter) No. 2999335
Date of Incorporation	April 11, 2001

ID #

Shareholder: Coal Resources, Inc.

Director: Robert E. Murray

Revised: 4/22/05

**RRK HOLDINGS, INC.**

DISSOLVED AND MERGED INTO KENAMERICAN RESOURCES, INC.  
IN JANUARY, 1998

**RIVER TRANSPORT COMPANY**

P. O. Box 135  
1060 Ohio Avenue  
Glassport, Pennsylvania 15045

MERGED INTO MONVALLEY TRANSPORTATION CENTER, INC.  
IN JANUARY 1999

125 Old Farm Drive  
Pittsburgh, PA 15239

**SPRING CHURCH COAL COMPANY**

Officers:

P. Bruce Hill	President	6/25/01
Robert D. Moore	Secretary and Treasurer	6/25/01 6/25/01
Robert L. Putsock	Assistant Treasurer	1/02/03
Elmer A. Mottillo	Assistant Secretary	1/02/03

Incorporation Information:

State of Incorporation	Pennsylvania; PA Entity #000696663
Date of Incorporation	November 2, 1979
ID #25-1372128	

Shareholder: Mill Creek Mining Company

Director: Charles E. Shestak

Revised: 2/14/05

586 National Road  
Wheeling, West Virginia 26003

**SUNBURST RESOURCES, INC.**

Officers:

Paul B. Piccolini	President	4/28/06
Ronnie D. Dietz	Treasurer	3/1/05
Michael B. Gardner	Secretary	3/1/05

Incorporation Information:

State of Incorporation	Pennsylvania; PA Entity #2616384
Date of Incorporation	January 10, 1995
ID #25-1766427	

Shareholder: Ohio Valley Resources, Inc. 4/01/97

Director: Robert E. Murray

Revised 4/28/06

**TDK COAL SALES, INCORPORATED**

P. O. Box 259  
R. D. #2, Fermantown Road  
Brockway, PA 15824

Officers:

Stanley T. Piasecki	President and Chief Executive Officer	8/11/04
Elmer A. Mottillo	Treasurer	8/22/03
Michael O. McKown	Secretary	3/1/05
Charles E. Shestak	Assistant Secretary	2/01/99

Incorporation Information:

State of Incorporation	Pennsylvania; PA Entity #00758582
Date of Incorporation	June 28, 1982
ID #25-1422374	

Shareholder: Energy Resources, Inc.

Director: Stanley T. Piasecki 8/11/04

Revised: 02/14/05

**UMCO ENERGY, INC.**

29325 Chagrin Boulevard  
Suite 300  
Pepper Pike, Ohio 44122

Officers:

Paul B. Piccolini	President	4/28/06
Ronnie D. Dietz	Treasurer and Assistant Secretary	3/1/05
Michael B. Gardner	Secretary Vice President	3/1/05 5/3/06

Incorporation Information:

State of Incorporation	Pennsylvania; PA Entity #1072295
Date of Incorporation	December 29, 1988
ID #52-1615668	

Shareholder: Maple Creek Mining, Inc.  
and Estate of Duane  
Southern

Director: Robert E. Murray

Revised 4/28/06



**WEST VIRGINIA RESOURCES, INC.**

953 National Road  
Suite 207  
Wheeling, West Virginia 26003

Officers:

Robert D. Moore	President	10/20/00
Robert L. Putsock	Treasurer and Assistant Secretary	6/25/01 6/25/01
Michael O. McKown	Secretary	3/1/05

Incorporation Information:

State of Incorporation	West Virginia; Charter No. 00913610154813604
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Date of Incorporation	December 27, 1991
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ID #55-0713676

<u>Shareholder:</u>	Mill Creek Mining Company
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<u>Director:</u>	Robert E. Murray
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Revised 3/1/05

**WYAMERICAN ENERGY, INC.**

29325 Chagrin Boulevard  
Suite 300  
Pepper Pike, Ohio 44122

Officers:

Robert D. Moore	President, Treasurer and Secretary	5/3/06
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Incorporation Information:

State of Incorporation	Wyoming; Charter No. 1998003378171
Date of Incorporation	September 22, 1998
ID #55-0713676	

Shareholder: Murray Energy Corporation

Director: Robert E. Murray

# CONFIDENTIAL

cc: D. L. Bartsch  
K. Betcher  
P. B. Hill  
M. D. Loiacono  
M. O. McKown  
M. B. Gardner  
R. D. Moore  
P. B. Piccolini  
N. M. Kok  
B. D. Marita, C&P  
F. J. Sadowski, C&P  
C. L. Pratt  
J. R. Turner, Jr.  
R. L. Putsock  
R. L. Burdette

File: (REM)

CRI - ORGANIZATION C&A  
OVRI - ORGANIZATION C&A  
DESK - C&A  
REM - BRIEF CASE AND HOME

July 19, 2006/blr

### Current and Previous Coal Mining Permits

Company	Belmont Coal, Inc.		EIN: 31-153-6602		
Address:	Permit #	State	Regulator Authority	MSHA #	Date Issued
Belmont Coal, Inc. Box 156 30799 PineTree Road Pepper Pike, Ohio 44124	D-0241	Ohio	ODNR	33-04397	7-31-97
	D-1020	Ohio	ODNR	33-03048	7-2-93
Company	KenAmerican Resources Inc.		EIN: 61-1264385		
Address:	Permit #	State	Regulator Authority	MSHA #	Date Issued
KenAmerican Resources Inc. 1008 South Broadway Lexington Kentucky 40504	889-5009	KY	DSMRK	1517606	10-25-94
Company	Onieda Coal Company Inc.		EIN: 62-1011712		
Address:	Permit #	State	Regulator Authority	MSHA #	Date Issued
Onieda Coal Co. Inc., 29525 Chagrin Boulevard, Suite 111 Pepper Pike, Ohio 44122	U0-359	WV	DEP	46-05243	2-20-92
	U0-524	WV	DEP	46-06043	2-28-92
	U0-620	WV	DEP	46-06213	2-28-92
	D-7-82	WV	DEP	46-06557	2-28-92
	D-47-81	WV	DEP	46-06557	2-28-92
	D-46-82	WV	DEP	46-06522	2-28-92
	U-2016-89	WV	DEP	46-07757	2-28-92
	P-154-81	WV	DEP	N/A	N/A
	P-62-81	WV	DEP	N/A	N/A
	P-2043-89	WV	DEP	N/A	N/A
	S-2004-87	WV	DEP	46-06766	2-28-92
	S-71-85	WV	DEP	46-06766	2-28-92

<b>Company</b>	<b>MonValley Transportation Center Inc.</b>		<b>EIN: 62-1011712</b>		
<b>Address:</b>	<b>Permit #</b>	<b>State</b>	<b>Regulator Authority</b>	<b>MSHA #</b>	<b>Date Issued</b>
MonValley Trans Center Inc. P.O. Box 135 1060 Ohio Avenue Glassport, PA 15045	02851602	PA	DEP	N/A	N/A
<b>Company</b>	<b>Oklahoma Coal Co.</b>		<b>EIN: 34-1673480</b>		
<b>Address:</b>	<b>Permit #</b>	<b>State</b>	<b>Regulator Authority</b>	<b>MSHA #</b>	<b>Date Issued</b>
The Oklahoma Coal Co. Suite 111, 29525 Chagrin Blvd Pepper Pike, Ohio 44122	D-0230	OH	DOR	N/A	N/A
<b>Company</b>	<b>Maple Creek Mining Inc.,</b>		<b>EIN: 25-1755305</b>		
<b>Address:</b>	<b>Permit #</b>	<b>State</b>	<b>Regulator Authority</b>	<b>MSHA #</b>	<b>Date Issued</b>
Maple Creek Mining Inc. 981 Route 917 Bentleyville, Pa 15314	63841302	PA	PA DEP	36-00970	1970
	63733706	PA	PA DEP	1211-PA20-0058-03	1970
	63723707	PA	PA DEP	1211-PA20-0058-04	1970

Company	Energy Resources, Inc.		EIN: 25-1755305		
Address:	Permit #	State	Regulator Authority	MSHA #	Date Issued
Energy Resources Inc. P.O. Box 259 Brockway, PA 15824	33840125	PA	DEP	36-02695	5-25-88
	33860102	PA	DEP	36-02695	5-25-88
	17880102	PA	DEP	36-02695	5-25-88
	33870113	PA	DEP	36-02695	5-25-88
	33830115	PA	DEP	36-02695	5-25-88
	24880101	PA	DEP	36-02695	5-25-88
	24880103	PA	DEP	36-02695	5-25-88
	24890108	PA	DEP	36-02695	5-25-88
	24900102	PA	DEP	36-02695	5-25-88
	24900104	PA	DEP	36-02695	5-25-88
	24900103	PA	DEP	36-02695	5-25-88
	24890101	PA	DEP	36-02695	5-25-88
	24890102	PA	DEP	36-02695	5-25-88
	24960101	PA	DEP	36-02695	5-25-88
Company	Canterbury Coal Company		EIN: 25-112473		
Address:	Permit #	State	Regulator Authority	MSHA #	Date Issued
Canterbury Coal Company R.D. No. 1, Box 119 Avonmore, PA 15618	SMP # 039000112	PA	DEP	3600813	N/A
	SMP # 03940111	PA	DEP	3605708	N/A
	CMAAP 03841302	PA	DEP	N/A	N/A
	CRDA 03743701	PA	DEP	N/A	N/A
	CRDA 03950701	PA	DEP	N/A	N/A

<b>Company</b>	<b>The Ohio Valley Coal Company</b>		<b>EIN: 34-1041310</b>		
<b>Address:</b>	<b>Permit #</b>	<b>State</b>	<b>Regulator Authority</b>	<b>MSHA #</b>	<b>Date Issued</b>
The Ohio Valley Coal Company 56854 Pleasant Ridge Road Alledonia, OH 43902	D-3060	OH	ODNR	33-01159	25-May-88
<b>Company</b>	<b>UMCO Energy, Inc.</b>		<b>EIN: 52-1615668</b>		
<b>Address:</b>	<b>Permit #</b>	<b>State</b>	<b>Regulator Authority</b>	<b>MSHA #</b>	<b>Date Issued</b>
UMCO Energy, Inc. 29525 Chagrin Boulevard, Suite 111 Pepper Pike, OH 44122	63-921301	PA	DEP	N/A	N/A
<b>Company</b>	<b>The American Coal Company</b>		<b>EIN: 73-1543124</b>		
<b>Address:</b>	<b>Permit #</b>	<b>State</b>	<b>Regulator Authority</b>	<b>MSHA #</b>	<b>Date Issued</b>
The American Coal Company P.O. Box 727 Harrisburg, IL 62946	No. 2	IL	IDNR	11-02752	N/A
	No. 255	IL	IDNR	N/A	N/A
	No. 257	IL	IDNR	N/A	N/A
	No. 306	IL	IDNR	N/A	N/A
	No. 165804AAA	IL	IDNR	N/A	N/A
	No. 110061727	IL	IDNR	N/A	N/A
<b>Company</b>	<b>PennAmerican Coal, L.P.</b>		<b>EIN: 25-1800809</b>		
<b>Address:</b>	<b>Permit #</b>	<b>State</b>	<b>Regulator Authority</b>	<b>MSHA #</b>	<b>Date Issued</b>
PennAmerican Coal, L.P. R.D. No. 1, Box 119A Avonmore, PA 15618					

**HISTORY OF VIOLATIONS**

(PART OF APPENDIX B)

**CENTENNIAL MINES  
PERMIT NUMBER 007/019**

**DOGM VIOLATIONS 2001 THROUGH OCTOBER 2006**

<b>VIOLATION/ CESSATION NO.</b>	<b>DATE ISSUED</b>	<b>ABATEMENT DATE</b>	<b>VIOLATION DESCRIPTION</b>
<b>NOV4-49-2-1</b>	<b>1/24/04</b>	<b>3/25/04</b>	<b>Failure to maintain disturbed diversion DD-4 and culvert.</b>
<b>CITATION # 10000</b>	<b>9/27/06</b>	<b>10/05/06</b>	<b>Failure to request permit renewal 120 days prior to permit expiration. Abated with submittal of permit renewal application. 9/29/06</b>
<b>CITATION # 10002</b>	<b>10/06/06</b>	<b>Submit a complete amendment to plan for construction and receive approval by 12/4/06</b>	<b>Failure to receive division approval prior to initiating activities incident to the construction of a new ventilation fan.</b>

**WEST RIDGE MINE  
PERMIT NUMBER 007/041**

**DOGM VIOLATIONS 2001 THROUGH OCTOBER 2006**

<b>VIOLATION/ CESSATION NO.</b>	<b>DATE ISSUED</b>	<b>ABATEMENT DATE</b>	<b>VIOLATION DESCRIPTION</b>
NOV2-49-2-1	11/19/02	2/18/02	Diverting mine water through channels and culverts and storing in sediment pond. Abated with submittal of permit change allowing use.
NOV2-49-1-1	2/19/02	5/20/02	Failure to maintain or construct diversions according to approved MRP. Abated with the completion of a permit change approval and construction measures.
NOV4-49-1-1	1/22/04	1/22/04	Failure to request permit renewal 120 prior to permit expiration. Abated with submittal of permit renewal application.
NOV5-39-1-1	4/6/05	4/15/05	Failure to submit 4 <sup>th</sup> quarter water monitoring data via EDI.

**CRANDALL CANYON MINE  
PERMIT NUMBER 015/032**

**DOGM VIOLATIONS 2001 THROUGH OCTOBER 2006**

<b>VIOLATION/ CESSATION NO.</b>	<b>DATE ISSUED</b>	<b>ABATEMENT DATE</b>	<b>VIOLATION DESCRIPTION</b>
NOV3-49-2-1	7/30/03	8/20/03	Failure to submit surface blast plan pf more than 5 pounds. Abated with submittal and approval of plan.
NOV3-49-1-1	1/8/03	4/15/03	Failure to request permit renewal 120 days prior to permit expiration. Abated with submittal of permit renewal application.
NOV4-49-4-1	8/19/04	8/23/04	Employee Parking in Forest Service trail-head. Vehicle removed from trail-head.
NOV4-49-5-1	9/8/04	9/13/04	Failure to control non-coal waste. Non-coal waste was picked up and stored in appropriate area.
NOV5-49-2-1	9/8/05	9/8/05	Failure to conduct annual subsidence survey.
CITATION # 10001	10/04/06	10/12/06	Disturbed Culvert C-16 100% plugged. No off-site impact.





















**UtahAmerican Energy, Inc.**

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The following companies either did not have any violations in the last three years or do not have permits.

Oklahoma Coal Company

KenAmerican Resources, Inc.

Onieda Coal, Inc.

UtahAmerican Energy, Inc.

MonValley Transportation Center, Inc.

Mill Creek Mining Co.

Spring Church Coal Co.

Pinski Corp

American Compliance Coal Inc.

Coal Resources Inc.

Penn American Coal Inc.

PA Transloading, Inc.

West Virginia Resources Inc.

American Coal Sales Co.