

PERMITTING CHRONOLOGY

Andalex Resources, Inc.
Centennial Project
AEP Lease Addition
ACT/007/019
Carbon County, Utah

- 3/14/94 ARI submitted plans for including mining of the Aberdeen seam in Federal Lease UTU-69600 into the permit for the Centennial Project.
- 3/15/94 Copies of the application are distributed to other reviewing agencies.
- 5/6/94 Upon receipt of the BLM Lease Document on May 6, 1994, Daron Haddock, Permit Supervisor at the Division, authorized ARI to begin publication.
- 5/10/94 ARI publishes the public notice in the Price Sun Advocate to add mining of the Aberdeen seam to the AEP lease in the currently approved permit area.
- 5/24/94 The Division determines application package to be administratively complete.
- 6/8/94 DOGM transmits deficiency review of the addition of the Aberdeen Seam in the AEP Lease.
- 6/21/94 ARI submits additional information to correct deficiencies determined in DOGM's technical review of plan.
- 7/6/94 DOGM forwards State Decision Document to Office of Surface Mining Reclamation and Enforcement for concurrence and Secretarial signature.

MINE PLAN INFORMATION

Mine Name: Centennial Project State ID: ACT/007/019
 Operator: Andalex Resources, Inc. County: Carbon

Contact Person(s): Mike Glasson Position: Senior Geologist
 Telephone: (801) 637-5383

New/Existing: Both Mining Method: Longwall/Room and Pillar
 New Federal Lease No(s): UTU-69600 (Aberdeen and Centennial seams)

Legal Description(s): T. 13S., R. 10 E., SLM
Section 1: SW1/4
Section 12: lots 2-11, W1/2W1/2, NE1/4SW1/4

Current Permit Area Legal Description:

T. 13S., R. 11 E., SLBM

Section 4: S1/2
Section 5: All
Section 6: All
Section 7: All
Section 8: All
Section 9: All but SE 1/4 SE 1/4
Section 17: N 1/2, NE 1/4 SE 1/4, N 1/2 NW 1/4 SE 1/4,
N 1/2 NE 1/4 SW 1/4, NE 1/4 NW 1/4 SW 1/4,
W 1/2 NW 1/4 SW 1/4
Section 18: N 1/2 N 1/2, SW 1/4 NE 1/4, NW 1/4 SE 1/4 E 1/4,
E 1/2 SE 1/4 NE 1/4, E 1/2 NE 1/4 SE 1/4

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

Section 1: lots 1-8, S1/2 N1/2
Section 12, lot 1.

T. 12S., R. 11 E., SLM, Utah

Section 31: lots 3-6, and 13-22.

Ownership Data:

<u>Surface Resources (acres)</u>	<u>Existing Permit Area</u>	<u>Proposed Permit Area</u>	<u>Total Life Of Mine Area</u>
Federal	<u>3861</u>	<u>801.48</u>	<u>4662.48</u>
State			
Private	<u>440</u>		<u>440</u>
Other			
TOTAL	<u>4301</u>	<u>801.48</u>	<u>5102.48</u>

Coal Ownership (acres):

Federal	<u>3851</u>	<u>801.48</u>	<u>4652.48</u>
State			
Private	<u>440</u>		<u>440</u>
Other			
TOTAL	<u>4291</u>	<u>801.48</u>	<u>5092.48</u>

Coal Resource Data

Total Recoverable Reserves

Federal
State
Private
Other
TOTAL

23 Million Tons

Recoverable Reserve Data

	<u>Name</u>	<u>Thickness</u>	<u>Depth</u>
Seam	<u>Lower Sunnyside</u>	<u>4-6 ft.</u>	<u>0-1800 ft.</u>
Seam	<u>Centennial</u>	<u>5-7 ft.</u>	<u>800-2000 ft.</u>
Seam	<u>Gilson</u>	<u>4-8 ft.</u>	<u>0-2000 ft.</u>
Seam	<u>Aberdeen</u>	<u>4-13 ft.</u>	<u>0-2800 ft.</u>
Seam	_____	_____	_____
Seam	_____	_____	_____

Mine Life: 28 years

Average Annual Production: 1.2 increasing to 1.5 Million Percent Recovery: 68%

Date Projected Annual Rate Reached: 1995 to reach 1.5 million

Date Production Begins: 1980 Date Production Ends: 2008

Reserves Recoverable By: (1) Surface Mining: _____
(2) Underground Mining: X

Reserves Lost Through Management Decisions: Unknown

Coal Market: Unknown

U.S. DEPARTMENT OF THE INTERIOR
OFFICE OF SURFACE MINING RECLAMATION AND ENFORCEMENT
FINDING OF NO SIGNIFICANT IMPACT
FOR
Centennial Mine
Federal Lease U-69600
Mining Plan Decision Document

A. Introduction

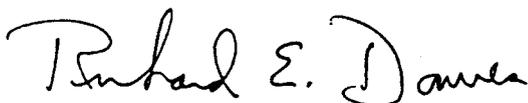
Andalex Resources, Inc. submitted a permit application package (PAP) for a permit revision for the Centennial Mine to the Utah Division of Oil, Gas and Mining (DOG M) under the Utah State program (30 CFR Part 944). The PAP proposes extending underground mining operations into the 802-acre Federal lease U-69600. The proposed mining plan would cause no new surface disturbance except for potential mining-induced subsidence.

Under the Mineral Leasing Act of 1920, the Assistant Secretary, Land and Minerals Management, must approve, approve with conditions, or disapprove the mining plan for Federal lease U-69600. Pursuant to 30 CFR Part 746, the Office of Surface Mining Reclamation and Enforcement (OSM) is recommending approval of this mining plan.

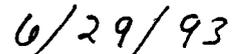
B. Statement of Environmental Significance of the Proposed Action

The undersigned person has determined that the approval of the mining plan would not have a significant impact on the quality of the human environment under section 102(2)(C) of the National Environmental Policy Act of 1969 (NEPA), 42 U.S.C. §§ 4332(2)(C), and therefore, an environmental impact statement is not required.

This finding of no significant impact is based on the attached environmental assessment jointly prepared by Utah Division of Oil, Gas and Mining and OSM in May 1993. The environmental assessment has been independently evaluated by OSM and determined to assess the environmental impacts of the proposed action adequately and accurately and to provide sufficient evidence and analysis for this finding of no significant impact. OSM takes full responsibility for the accuracy, scope, and content of the attached environmental assessment.



Chief, Federal Programs Division
Western Support Center



Date

FINDINGS

Andalex Resources, Inc.
Centennial Project
Federal Lease UTU-69600
Aberdeen Seam-AEP Lease
ACT/007/019
Carbon County, Utah

July 7, 1994

1. The revised plan and the permit application are accurate and complete and all requirements of the Surface Mining Control and Reclamation Act, and the approved Utah State Program (the "Act") are in compliance. (R645-300-133.100)
2. No additional surface reclamation is required since the additional permit area will be mined as an underground extension of the existing mine. There will be no new surface facilities. (R645-300-133.710)
3. The assessment of the probable cumulative impacts of all anticipated coal mining and reclamation activities in the general area on the hydrologic balance has been conducted by the regulatory authority and no significant impacts were identified. The Mining and Reclamation Plan (MRP) proposed under the application has been designed to prevent damage to the hydrologic balance in the permit area and in associated off-site areas. See December 4, 1990 Cumulative Hydrologic Impact Analysis [CHIA] and April 20, 1993 and July 7, 1994 supplemental report to CHIA by James D. Smith. (R645-300-133.400 and UCA 40-10-11 {2}{c})
4. The proposed lands to be included within the permit area are:
 - a. not included within an area designated unsuitable for underground coal mining operations (R645-300-133.220) ;
 - b. not within an area under study for designated lands unsuitable for underground coal mining operations (R645-300-133.210) ;
 - c. not on any lands subject to the prohibitions or limitations of 30 CFR 761.11 {a} (national parks, etc.), 761.11 {f} (public buildings, etc.) and 761.11 {g} (cemeteries);
 - d. not within 100 feet of the outside right-of-way of a public road (R645-300-133.220);
 - e. not within 300 feet of any occupied dwelling (R645-300-133-220).

Findings

Andalex Resources Inc.

Addition of Aberdeen Seam to AEP Lease

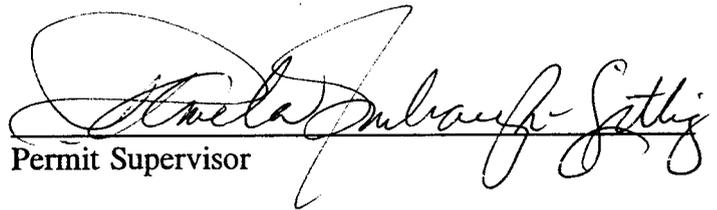
ACT/007/019

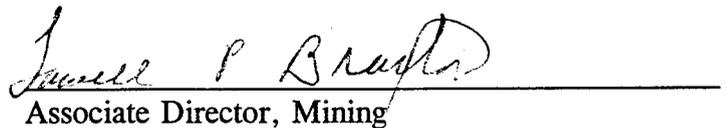
July 7, 1994

5. The regulatory authority's issuance of a permit is in compliance with the National Historic Preservation Act and implementing regulations (36 CFR 800). The geographical area for mining of the AEP Lease in the Aberdeen seam is identical to the Centennial seam, i.e. the Centennial seam overlies the Aberdeen seam. See letter from State Historic Preservation Officer (SHPO) dated September 18, 1992 and March 5, 1993 and July 7, 1994. (R645-300-133.600).
6. The applicant has the legal right to enter and complete mining activities through a federal coal lease issued by the Bureau of Land Management. See lease document UTU-69600, effective July 1, 1994, and the Record of Title Assignment, dated May 9, 1994. (R645-300-133.300)
7. A 510(c) report has been run on the Applicant Violator System (AVS), which shows that: prior violations of applicable laws and regulations have been corrected; neither Andalex Resources Inc., or any affiliated company, are delinquent in payment of fees for the Abandoned Mine Reclamation Fund; and the applicant does not control and has not controlled mining operations with demonstrated pattern of willful violations of the Act of such nature, duration, and with such resulting irreparable damage to the environment as to indicate an intent not to comply with the provisions of the Act. See memo from Joe Helfrich dated July 7, 1994. (R645-300-133.730)
8. Underground mining operations to be performed under the permit will not be inconsistent with other operations anticipated to be performed in areas adjacent to the proposed permit area. The closest operating mine is the Soldier Canyon Mine.
9. The applicant has posted a surety bond for the Centennial Project in the amount of \$1,080,839.00. No additional surety will be required, since there is no additional surface disturbance proposed. (R645-300-134)
10. No lands designated as prime farmlands or alluvial valley floors occur in the permit area. (R645-302-313.100) (R645-302-321.100)
11. The proposed postmining land-use of the permit area is the same as the pre-mining land use and has been approved by the regulatory authority and the surface land management agency.
12. The regulatory authority has made all specific approvals required by the Act, the Cooperative Agreement, and the Federal Lands Program.

Findings
Andalex Resources Inc.
Addition of Aberdeen Seam to AEP Lease
ACT/007/019
July 7, 1994

13. The proposed operation will not affect the continued existence of any threatened or endangered species or result in the destruction or adverse modification of their critical habitats. See letter from U. S. Fish and Wildlife Service dated July 6, 1994. (R645-300-133.500)
14. All procedures for public participation required by the Act, and the approved Utah State Program have been complied with (R645-300-120).
15. No existing structures will be used in conjunction with mining of the underground lease addition other than those constructed in compliance with the performance standards of R645-301 and R645-302. (R645-300-133.720)


Permit Supervisor


Associate Director, Mining


Director



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

May 24, 1994

Mr. Mike Glasson
Andalex Resources, Inc.
P.O. Box 902
Price, UT 84501

Re: Determination of Administrative Completeness, AEP Lease
Aberdeen Seam Addition, Andalex Resources Inc., Centennial
Project, ACT/007/019, Folder #3, Carbon County, Utah

Dear Mr. Glasson:

The Division has conducted an Initial Completeness Review on the information received through March 3, 1993 for your application to add the Aberdeen seam of the AEP Lease to your permit area. The information has been found to be adequate to determine the Permit Application Package (PAP) administratively complete.

A technical review of the plan will now be initiated. Technical deficiencies will be forwarded to you as individual reviews are completed. The Division will coordinate with other agencies and incorporate their comments into our review process. Issues raised will need to be resolved prior to permit issuance.

At this time, you should publish a Notice of Application for a Mine Permit as required by R645-300-121. A copy of the publication notice should be sent to the Division as soon as it is available. you should also insure that a copy of the complete application is on file at the Carbon County courthouse. The division will notify all other interested agencies and allow for their comment prior to making a final decision to approve or disapprove the permit application.

Please call if you have any questions.

Sincerely,

Daron R. Haddock
Permit Supervisor

cc: L. Braxton



AFFIDAVIT OF PUBLICATION

STATE OF UTAH)

ss.

County of Carbon,)

I, Kevin Ashby, on oath. say that I am the Publisher of the Sun Advocate, a twice-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 4 (Four) consecutive issues, and that the first publication was on the 10th day of May, 1994 and that the last publication of such notice was in the issue of such newspaper dated the 31st day of May, 1994.



Kevin Ashby - Publisher

Subscribed and sworn to before me this 31st day of May, 1994



Notary Public My commission expires January 10, 1995 Residing at Price, Utah

Publication fee, \$145.60

NOTICE OF PERMIT APPLICATION ACT 007/019

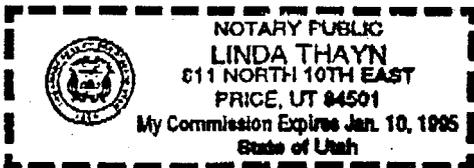
Notice is hereby given that a complete Mining and Reclamation Plan has been submitted to the Division of Oil, Gas and Mining for the underground extension of its existing coal mining facility onto a lease acquired by Andalex Resources, Inc. Coal mining in this lease will be accomplished through existing surface facilities. This lease is already included in Andalex's approved MRP in one coal seam; additional coal is being added to the same lease. The name of the existing operation is the Andalex Resources, Inc., Tower Division, and the person representing the company is Michael W. Glasson, PO Box 902, Price, Utah 84501.

The following legal description can be found on the U.S. Geological Survey "Deadman Canyon" and "Helper" 7.5' Quadrangle Maps:

Township 13 South, Range 10 East, SLM
Section 1: SW¼
Section 12: Lots 2-11, W¼ W¼, NE¼ SW¼

A copy of the Coal Mining and Reclamation Plan submitted by Andalex Resources is available for public inspection at the Office of the County Clerk of Carbon County, Carbon County Courthouse, Price, Utah. Any person aggrieved by this Mining and Reclamation Plan is requested to submit written comments, objections, or requests for informal conferences on said application within thirty (30) days from the last date of this publication to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Published in the Sun Advocate May 10, 17, 24 and 31, 1994.





State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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July 7, 1994

TO: Pamela Grubaugh-Littig
FROM: Joseph C. Helfrich 
RE: Andalex Resources, Centennial Mine, ACT/007/019, AVS
Evaluation

Wednesday, July 6, 1994, Colleen Carlson from the AVS office in Lexington, Kentucky advised me that the outstanding AML fees for the first quarter of 1994 for Andalex Resources, Inc. had been paid. However, the data base had not been updated to reflect that information. Colleen and I concurred that the lack of updating information in the data base would not constitute a permit block for the permitting action.

DATE: 06 JUL 94

APPLICANT VIOLATOR SYSTEM
APPLICATION EVALUATION REPORT

TIME: 15:14:51

DATE: UT

APPNO: ACT007019

SEQNO: 0

PAGE: 1

APPLICANT'S ENTITY ID: 123355

APPLICANT'S NAME : ANDALEX RESOURCES INC / TOWER DIVISION

SYSTEM RECOMMENDATION IS BASED ON ENTITY OFT

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* SYSTEM RECOMMENDATION           : DENY
* PREVIOUS SYSTEM RECOMMENDATION: ISSUE(930519)
* OSMRE RECOMMENDATION           : ISSUE(930520)
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F2/PROCEED F3/QUIT F4/MAIN F6/REPORT F9/VIEW VIOL F10/VIEW OFT

■ usgs A

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13:17



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
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July 7, 1994

TO: Daron Haddock, Permit Supervisor

FROM: James D. Smith, Reclamation Specialist *ADS*

RE: Cumulative Hydrologic Impact Assessment (CHIA)
AEP Lease (UTU 69600)
Addition of Aberdeen Upper and Lower A Coal Seams
Centennial Project - Andalex Resources
ACT/007/019, Folder #2, Carbon County, Utah

The CHIA for the Centennial Project was updated on December 4, 1990 when the "Graves" lease (UTU 66066) was added to the permit. The Cumulative Impact Area (CIA) determined for that CHIA incorporated the area of the "AEP" lease (UTU 69600) even though the "AEP" lease was not discussed explicitly. In a memo dated April 11, 1993 I stated my opinion that the December 4, 1990 CHIA was adequate to cover the addition of the "AEP" lease to the permit. That memo was written because the Centennial Project permit was being amended to include mining of the Centennial seam in the "AEP" lease. It is my opinion that the December 4, 1990 CHIA also covers the addition of the Aberdeen Upper and Lower A coal seams (the remaining minable reserves) in the "AEP" lease to the permit. There should be no material damage to the hydrologic balance.

There are only ephemeral surface drainages and no known springs or seeps within the "AEP" lease. A surface water monitoring point (12-1) has been added at the mouth of Alrad Canyon. This new station and the existing one on the left fork of Deadman Canyon (18-3) will be used to monitor flow from the "AEP" lease and adjacent areas when it occurs. Mining of the two additional coal seams will probably cause greater vertical subsidence at the surface than mining of the Centennial seam alone, but this additional movement should create no hydrologic consequences at the surface.

The only probable hydrologic consequence of mining coal in this lease is interception of perched water in the Blackhawk Formation. When a perched aquifer is encountered in the Centennial Project mines, water flow rapidly diminishes and often ceases soon after the water bearing zone is breached. Water intercepted in this manner is collected in sumps and used for in-mine operations, with excess water discharged into Deadman Canyon at UPDES point 002. Recently the mine has been discharging roughly 50% of the time at rates of up to 100,000 gallons per day. No appreciable change in the amount of water intercepted or discharged should be expected from addition of the "AEP" lease to the mine operation.





State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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April 20, 1993

TO: File

THROUGH: Daron Haddock, Permit Supervisor

FROM: James D. Smith, Reclamation Specialist 

RE: Cumulative Hydrologic Impact Assessment (CHIA)
AEP Lease (UTU 69600) Addition
Centennial Project - Andalex Resources
ACT/007/019, Folder #2, Carbon County, Utah

The CHIA for the Centennial Project was updated on December 4, 1990 when the "Graves" lease (UTU 66066) was added to the permit. The Cumulative Impact Area (CIA) determined for that CHIA incorporated the area of the "AEP" lease (UTU 69600) now being added to the permit, even though the "AEP" lease was not discussed explicitly. I feel that this current CHIA adequately covers the addition of the "AEP" lease to the permit.

There are only ephemeral surface drainages and no known springs or seeps within the "AEP" lease. A surface water monitoring point (12-1) has been added at the mouth of Alrad Canyon. This new station and the existing one on the left fork of Deadman Canyon (18-3) will be used to monitor flow from the "AEP" lease and adjacent areas when it occurs.

The only probable hydrologic consequence of mining coal in this lease is interception of perched water in the Blackhawk Formation. When a perched aquifer is encountered in the Centennial Project mines, water flow rapidly diminishes and often ceases soon after the water bearing zone is breached. Water intercepted in this manner is collected in sumps and used for in-mine operations, with excess water discharged into Deadman Canyon at UPDES point 002. Recently the mine has been discharging roughly 50% of the time at rates of up to 100,000 gallons per day. No appreciable change in the amount of water intercepted or discharged should be expected from addition of the "AEP" lease to the mine operation.

cntnnc.hia



ACT 602/019

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES AND ENERGY
DIVISION OF OIL, GAS AND MINING
4241 State Office Building
Salt Lake City, Utah 84114

3/16/83

Received

JUL 09 1983

THE MINED LANDS RECLAMATION ACT

Tower Resources Inc.

BOND

The undersigned Tower Resources, Inc.
as principal, and Utica Mutual Insurance Company as
surety, hereby jointly and severally bind ourselves, our heirs, administrators,
executors, successors and assigns unto the State of Utah, Division of Oil, Gas
and Mining, and the U. S. Department of the Interior, Office of Surface Mining
in the penal sum of Three Hundred Eighty-One Thousand Eight Hundred Thirty-Nine
dollars (\$381,839.00). Such sum shall be payable to
one, but not both, of the above-named agencies.

The principal estimated in a "Notice of Intention to Commence Mining
Operations and a Mining and Reclamation Plan," filed with the Division of Oil,
Gas and Mining on the 19th day of January,
19 81, that 30.7 acres of land will be affected by this mining
operation in the State of Utah. A description of the affected land is attached
hereto as Exhibit "A."

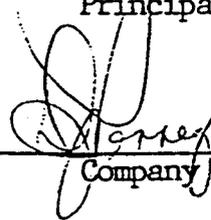
If the principal shall satisfactorily reclaim the above-mentioned lands
affected by mining by the said principal in accordance with the Mining and
Reclamation Plan and shall faithfully perform all requirements of the Mined
Land Reclamation Act, and comply with the Rules and Regulations adopted in
accordance therewith, then this obligation shall be void; otherwise it shall
remain in full force and effect until the reclamation is completed as outlined
in the approved Mining and Reclamation Plan.

If the approved plan provides for reclamation of the land affected on a
piecemeal or cyclic basis, and the land is reclaimed in accordance with such
plan, then this bond may be reduced periodically.

In the converse, if the plan provides for a gradual increase in the area
of the land affected or increased reclamation work, then this bond may
accordingly be increased with the written approval of the surety company.

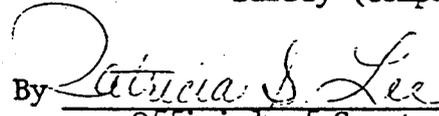
NOTE: Where one signs by virtue of Power of Attorney for a surety company, such Power of Attorney must be filed with this bond. If the principal is a corporation, the bond shall be executed by its duly authorized officers with the seal of the corporation affixed.

Tower Resources, Inc.
Principal (Company)

By  Controller
Company Official - Position

Date: May 17, 1983

Utica Mutual Insurance Company
Surety (Company)

By 
Official of Surety - Position
Patricia S. Lee, Attorney-in-Fact

DATE: 5/16/83

UTICA MUTUAL INSURANCE COMPANY

NEW HARTFORD, NEW YORK

No. 137 - _____

POWER OF ATTORNEY

Know all men by these Presents, the UTICA MUTUAL INSURANCE COMPANY, a New York Corporation, having its principal office in the Town of New Hartford, County of Oneida, State of New York, does hereby make, constitute and appoint Bruce L. Ferguson, Jean Young, Bruce W. Ferguson, Gary A. Mongilutz and Patricia S. Lee
Louisville, Kentucky

its true and lawful Attorney(s)-in-fact in their separate capacity if more than one is named above to make, execute, sign, seal and deliver for and on its behalf as surety and as its act and deed (without power of redelegation) any and all bonds and undertakings and other writings obligatory in the nature thereof (except bonds guaranteeing the payment of principal and interest of notes, mortgage bonds and mortgages) provided the amount of no one bond or undertaking exceeds FIVE HUNDRED THOUSAND AND 00/100 Dollars (\$500,000.00).

The execution of such bonds and undertakings shall be as binding upon said UTICA MUTUAL INSURANCE COMPANY as fully and to all intents and purposes as if the same had been duly executed and acknowledged by its regularly elected officers at its Home Office in New Hartford, New York.

This Power of Attorney is granted under and by authority of the following resolution adopted by the Directors of the UTICA MUTUAL INSURANCE COMPANY on the 27th day of November, 1961.

"Resolved, that the President or any Vice-President, in conjunction with the Secretary or any Assistant Secretary, be and they are hereby authorized and empowered to appoint Attorneys-in-fact of the Company, in its name and as its acts, to execute and acknowledge for and on its behalf as Surety any and all bonds, recognizances, contracts of indemnity and all other writings obligatory in the nature thereof, with power to attach thereto the seal of the Company. Any such writings so executed by such Attorneys-in-fact shall be as binding upon the Company as if they had been duly acknowledged by the regularly elected Officers of the Company in their own proper persons."

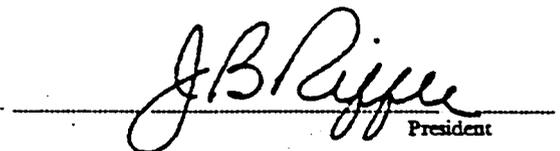
Now Therefore, the signatures of such officers and the seal of the Company may be affixed to any such Power of Attorney by a facsimile, and any such Power of Attorney bearing such facsimile signatures or seal shall be valid and binding upon the Company.

In Witness Whereof, the UTICA MUTUAL INSURANCE COMPANY has caused these presents to be signed by its Authorized Officers, this 23rd day of August, 1976

UTICA MUTUAL INSURANCE COMPANY


Secretary pro tem



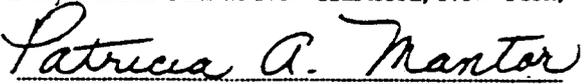

President

STATE OF NEW YORK }
COUNTY OF ONEIDA } ss:

On this 23rd day of August, 1976, before me, a Notary Public in and for the State of New York, personally came J. B. RIFFLE and GEORGE L. RUTHERFORD to me known, who acknowledged execution of the preceding instrument and, being by me duly sworn, do depose and say, that they are *President* and *Secretary pro tem* respectively of UTICA MUTUAL INSURANCE COMPANY; that the seal affixed to said instrument is the corporate seal of UTICA MUTUAL INSURANCE COMPANY; that said corporate seal is affixed and their signatures subscribed to said instrument by authority and order of the Board of Directors of said Corporation.

In Testimony Whereof, I have hereunto set my hand and affixed my Official Seal at New Hartford, New York, the day and year first above written.

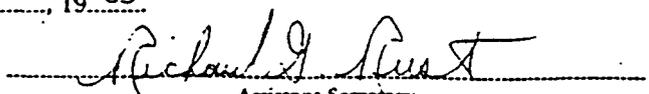



Notary Public

STATE OF NEW YORK }
COUNTY OF ONEIDA } ss:

I, Richard G. Rust Assistant Secretary of the UTICA MUTUAL INSURANCE COMPANY do hereby certify that the foregoing is a true and correct copy of a Power of Attorney, executed by said UTICA MUTUAL INSURANCE COMPANY, which is still in full force and effect.

In Witness Whereof, I have hereunto set my hand and affixed the Seal of the said Corporation at New Hartford, New York, this 16th day of May, 1983


Assistant Secretary

CHANGE OF NAME RIDER

CONTRACT NO. 11019
FILE 1

To be attached to and form part of Bond No. SU 34593,
issued by the UTICA MUTUAL INSURANCE COMPANY OF UTICA, NEW YORK,
in favor of Utah Department of Natural Resources and Energy
effective as of May 16, 1983.

In consideration of the premium charged for the attached bond, it is
agreed that:

1. The Surety hereby gives its consent to the change of the name of
the Principal from

Tower Resources, Inc.

to

Andalex Resources, Inc.

PROVIDED, however, that the attached bond as changed by this rider
shall be subject to all its agreements, limitations and conditions,
and that the liability of the Surety under the attached bond and
under the attached bond as changed by this rider shall not be
cumulative.

2. This rider shall become effective as of the 22nd day
of September, 1986.

Signed, sealed and dated this 22nd day of September, 1986.

UTICA MUTUAL INSURANCE COMPANY

By

Thomas R. Koller

Thomas R. Koller Attorney-in-fact

RECEIVED
OCT 02 1986

DIVISION OF
OIL, GAS & MINING

UTICA MUTUAL INSURANCE COMPANY

NEW HARTFORD, NEW YORK

No. 137

POWER OF ATTORNEY

Know all men by these Presents, the UTICA MUTUAL INSURANCE COMPANY, a New York Corporation, having its principal office in the Town of New Hartford, County of Oneida, State of New York, does hereby make, constitute and appoint

Bruce L. Ferguson, Bruce W. Ferguson, Gary A. Mongilutz, Thomas R. Koller, and Patricia S. Lee
Louisville, Kentucky

its true and lawful Attorney(s)-in-fact in their separate capacity if more than one is named above to make, execute, sign, seal and deliver for and on its behalf as surety and as its act and deed (without power of redelegation) any and all bonds and undertakings and other writings obligatory in the nature thereof (except bonds guaranteeing the payment of principal and interest of notes, mortgage bonds and mortgages) provided the amount of no one bond or undertaking exceeds FIVE HUNDRED THOUSAND AND 00/100 Dollars (\$ 500,000.00).

The execution of such bonds and undertakings shall be as binding upon said UTICA MUTUAL INSURANCE COMPANY as fully and to all intents and purposes as if the same had been duly executed and acknowledged by its regularly elected officers at its Home Office in New Hartford, New York.

This Power of Attorney is granted under and by authority of the following resolution adopted by the Directors of the UTICA MUTUAL INSURANCE COMPANY on the 27th day of November, 1961.

"Resolved, that the President or any Vice-President, in conjunction with the Secretary or any Assistant Secretary, be and they are hereby authorized and empowered to appoint Attorneys-in-fact of the Company, in its name and as its acts, to execute and acknowledge for and on its behalf as Surety any and all bonds, recognizances, contracts of indemnity and all other writings obligatory in the nature thereof, with power to attach thereto the seal of the Company. Any such writings so executed by such Attorneys-in-fact shall be as binding upon the Company as if they had been duly acknowledged by the regularly elected Officers of the Company in their own proper persons.

"Now Therefore, the signatures of such officers and the seal of the Company may be affixed to any such Power of Attorney by a facsimile, and any such Power of Attorney bearing such facsimile signatures or seal shall be valid and binding upon the Company."

In Witness Whereof, the UTICA MUTUAL INSURANCE COMPANY has caused these presents to be signed by its Authorized Officers, this 22nd day of October, 1985.

UTICA MUTUAL INSURANCE COMPANY

John P. Sullivan
Secretary



J.B. Riffle
President

STATE OF NEW YORK }
COUNTY OF ONEIDA } ss:

On this 22nd day of October, 1985, before me, a Notary Public in and for the State of New York, personally came J. B. RIFFLE and JOHN P. SULLIVAN to me known, who acknowledged execution of the preceding instrument and, being by me duly sworn, do depose and say, that they are *President* and *Secretary* respectively of UTICA MUTUAL INSURANCE COMPANY; that the seal affixed to said instrument is the corporate seal of UTICA MUTUAL INSURANCE COMPANY; that said corporate seal is affixed and their signatures subscribed to said instrument by authority and order of the Board of Directors of said Corporation.

In Testimony Whereof, I have hereunto set my hand at New Hartford, New York, the day and year first above written.



Rosemary Wadas
Notary Public

STATE OF NEW YORK }
COUNTY OF ONEIDA } ss:

I, John D. Yonkers Assistant Secretary of the UTICA MUTUAL INSURANCE COMPANY do hereby certify that the foregoing is a true and correct copy of a Power of Attorney, executed by said UTICA MUTUAL INSURANCE COMPANY, which is still in full force and effect.

In Witness Whereof, I have hereunto set my hand and affixed the Seal of the said Corporation at New Hartford, New York, this 22nd day of September, 1986.

John D. Yonkers
Assistant Secretary

UTICA MUTUAL INSURANCE COMPANY,

GRAPHIC ARTS MUTUAL INSURANCE COMPANY

NEW HARTFORD, NEW YORK

CHANGE OF ACREAGE RIDER

To be attached to and form a part of Bond No. SU 34593, issued by the Utica Mutual Insurance Company in favor of New Hartford, New York in favor of State of Utah, Department of Natural Resources and Energy, effective as of January 19, 1981.

In consideration of the premium charged for the attached bond, it is agreed that:

1. The Surety hereby gives its consent to increase the bonded acreage from:

30.7

to

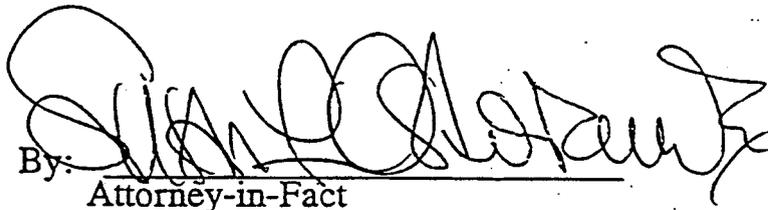
34.2

PROVIDED, however, that the attached bond as changed by this Rider shall be subject to all its agreements, limitations and conditions, and that the liability of the Surety under the attached bond and under the attached bond as changed by this Rider, shall not be cumulative.

2. This Rider shall become effective as of the 26th day of February 1993.

Signed, sealed and dated this 26th day of February, 1993.

Utica Mutual Insurance Company

By: 

Attorney-in-Fact

Susan L. Osborne

UTICA MUTUAL INSURANCE COMPANY

NEW HARTFORD, NEW YORK

No. 137

POWER OF ATTORNEY

Know all men by these Presents, the UTICA MUTUAL INSURANCE COMPANY, as a New York Corporation, having its principal office in the Town of New Hartford, County of Oneida, State of New York, does hereby make, constitute and appoint
 Bruce L. Ferguson, Bruce W. Ferguson, Scott C. Ferguson, Patricia S. Lee
 and Susan L. Osborne Louisville, Kentucky
 its true and lawful Attorney(s)-in-fact in their separate capacity if more than one is named above to make, execute, sign, seal and delivery for and on its behalf as surety and as its act and deed (without power of redelegation) any and all bonds and undertakings and other writings obligatory in the nature thereof (except bonds guaranteeing the payment of principal and interest of notes, mortgage bonds and mortgages) provided the amount of no one bond or undertaking exceeds Five Hundred Thousand & 00/100 Dollars (\$ 500,000.00).

The execution of such bonds and undertakings shall be as binding upon said UTICA MUTUAL INSURANCE COMPANY as fully and to all intents and purposes as if the same had been duly executed and acknowledged by its regularly elected officers and its Home Office in New Hartford, New York.

This Power of Attorney is granted under and by authority of the following resolution adopted by the Directors of the UTICA MUTUAL INSURANCE COMPANY on the 27th day of November, 1961.

"Resolved, that the President or any Vice-President, in conjunction with the Secretary or any Assistant Secretary, be and they are hereby authorized and empowered to appoint Attorneys-in-fact of the Company, in its name and as its acts, to execute and acknowledge for and on its behalf as Surety any and all bonds, recognizances, contracts of indemnity and all other writings obligatory in the nature thereof, with power to attach thereto the seal of the Company. Any such writings so executed by such Attorneys-in-fact shall be binding upon the Company as if they had been duly acknowledged by the regularly elected Officers of the Company in their own proper persons.

"No Therefore, the signatures of such officers and the seal of the Company may be affixed to any such Power of Attorney by a facsimile, and any such Power of Attorney bearing such facsimile signatures or seal shall be valid and binding upon the Company."

In Witness Whereof, the UTICA MUTUAL INSURANCE COMPANY has caused these presents to be signed by its authorized Officers, this 8th day of May, 19 92.

George P. Wardley
 Secretary



UTICA MUTUAL INSURANCE COMPANY
Wallace H. Watkins
 President

STATE OF NEW YORK }
 COUNTY OF ONEIDA }

ss:

On this 8th day of May, 19 92, before me, a Notary Public in and for the State of New York, personally came WALLACE H. WATKINS and GEORGE P. WARDLEY to me known, who acknowledged execution of the preceding instrument and, being by me duly sworn, do depose and say, that they are President and Secretary respectively of UTICA MUTUAL INSURANCE COMPANY; and that the seal affixed to said instrument is the corporate seal of UTICA MUTUAL INSURANCE COMPANY; and that the said corporate seal is affixed and their signatures subscribed to said instrument by authority and order of the Board of Directors of said Corporation.

In Testimony Whereof, I have hereunto set my hand at New Hartford, New York, the day and year first above written.

STATE OF NEW YORK }
 COUNTY OF ONEIDA }

ss:



Rosemary Wadas
 Rosemary Wadas Notary Public

I, Stephen J. Lorenz Assistant Secretary of the UTICA MUTUAL INSURANCE COMPANY do hereby certify that the foregoing is a true and correct copy of a Power of Attorney, executed by said UTICA MUTUAL INSURANCE COMPANY, which is still in full force and effect.

Witness Whereof, I have hereunto set my hand and affixed the Seal of the said Corporation at New Hartford, New York, this 26th day of February, 19 93.

Stephen J. Lorenz
 Assistant Secretary

05/17/91

UTICA MUTUAL INSURANCE COMPANY, GRAPHIC ARTS MUTUAL INSURANCE COMPANY
NEW HARTFORD, NEW YORK

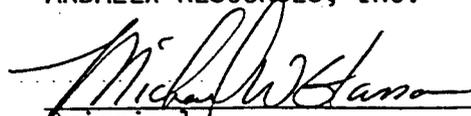
ATTACHMENT B

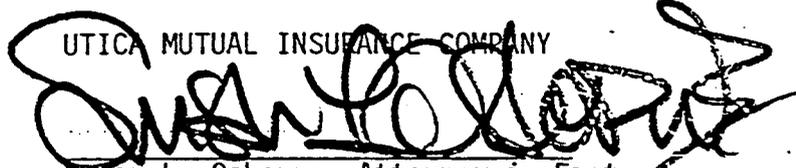
Special Condition

The following is added to bond number SU 34593.

To the extent that Federal lands are involved, release of this surety bond also is conditioned upon compliance with applicable Federal laws and regulations and the provisions of the Utah State-Federal Cooperative Agreement at 30 CFR 944.30. If the Utah State-Federal Cooperative Agreement is terminated, this surety bond shall revert to being payable only to the United States and the phrase "Utah Division of Oil, Gas and Mining" and the term "UDOGM" and "DOGM" and any other acronyms or abbreviations for the phrase "Utah Division of Oil, Gas and Mining" shall be interpreted to mean OSM to the extent that Federal lands are involved.

ANDALEX RESOURCES, INC.


Principal

UTICA MUTUAL INSURANCE COMPANY

Susan L. Osborne, Attorney-in-Fact

Signed and Sealed this 7th day of May, 19 91.

UTICA MUTUAL INSURANCE COMPANY

NEW HARTFORD, NEW YORK

No. 137

POWER OF ATTORNEY

Know all men by these Presents, the UTICA MUTUAL INSURANCE COMPANY, a New York Corporation, having its principal office in the Town of New Hartford, County of Oneida, State of New York, does hereby make, constitute and appoint

Bruce L. Ferguson, Bruce W. Ferguson, Scott C. Ferguson, Patricia S. Lee & Susan L. Osborne
Louisville, Kentucky

its true and lawful Attorney(s)-in-fact in their separate capacity if more than one is named above to make, execute, sign, seal and deliver for and on its behalf as surety and as its act and deed (without power of redelegation) any and all bonds and undertakings and other writings obligatory in the nature thereof (except bonds guaranteeing the payment of principal and interest of notes, mortgage bonds and mortgages) provided the amount of no one bond or undertaking exceeds UNLIMITED Dollars (\$ UNLIMITED).

The execution of such bonds and undertakings shall be as binding upon said UTICA MUTUAL INSURANCE COMPANY as fully and to all intents and purposes as if the same had been duly executed and acknowledged by its regularly elected officers at its Home Office in New Hartford, New York.

This Power of Attorney is granted under and by authority of the following resolution adopted by the Directors of the UTICA MUTUAL INSURANCE COMPANY on the 27th day of November, 1961.

"Resolved, that the President or any Vice-President, in conjunction with the Secretary or any Assistant Secretary, be and they are hereby authorized and empowered to appoint Attorneys-in-fact of the Company, in its name and as its acts, to execute and acknowledge for and on its behalf as Surety any and all bonds, recognizances, contracts of indemnity and all other writings obligatory in the nature thereof, with power to attach thereto the seal of the Company. Any such writings so executed by such Attorneys-in-fact shall be as binding upon the Company as if they had been duly acknowledged by the regularly elected Officers of the Company in their own proper persons.

"Now Therefore, the signatures of such officers and the seal of the Company may be affixed to any such Power of Attorney by a facsimile, and any such Power of Attorney bearing such facsimile signatures or seal shall be valid and binding upon the Company."

In Witness Whereof, the UTICA MUTUAL INSURANCE COMPANY has caused these presents to be signed by its Authorized Officers, this 28th day of February, 19 89.

UTICA MUTUAL INSURANCE COMPANY

John P. Sullivan
Secretary



W. Craig Heston
President

STATE OF NEW YORK }
COUNTY OF ONEIDA } ss:

On this 28th day of February, 19 89, before me, a Notary Public in and for the State of New York, personally came W. CRAIG HESTON and JOHN P. SULLIVAN to me known, who acknowledged execution of the preceding instrument and, being by me duly sworn, do depose and say, that they are *President* and *Secretary* respectively of UTICA MUTUAL INSURANCE COMPANY; and that the seal affixed to said instrument is the corporate seal of UTICA MUTUAL INSURANCE COMPANY; that said corporate seal is affixed and their signatures subscribed to said instrument by authority and order of the Board of Directors of said Corporation.

In Testimony Whereof, I have hereunto set my hand at New Hartford, New York, the day and year first above written.



Rosemary Wadas
Notary Public

STATE OF NEW YORK }
COUNTY OF ONEIDA } ss:

I, John D. Yonkers Assistant Secretary of the UTICA MUTUAL INSURANCE COMPANY do hereby certify that the foregoing is a true and correct copy of a Power of Attorney, executed by said UTICA MUTUAL INSURANCE COMPANY, which is still in full force and effect.

In Witness Whereof, I have hereunto set my hand and affixed the Seal of the said Corporation at New Hartford, New York, this 7th day of May, 19 91.

John D. Yonkers
Assistant Secretary

CENTENNIAL
UT-0022

Permit Number: ACT007/019

Bond No. SU 1354086

Expiration Date: 7-1995

EXHIBIT "B"

SURETY BOND (FEDERAL COAL)

THIS SURETY BOND entered into and by and between the undersigned PERMITTEE, and SURETY company, hereby jointly and severally bind ourselves, our heirs, administrators, executors, successors and assigns unto the State of Utah, Division of Oil, Gas and Mining (DIVISION), and the U.S. Department of Interior, Office of Surface Mining Reclamation and Enforcement (OSM) in the penal sum of \$ 699,000.00---- (Surety Bond Amount) for the timely performance of reclamation responsibilities of the permit area described in Exhibit "A" of this Reclamation Agreement.

This SURETY BOND will remain in effect until all of the PERMITTEE's reclamation obligation have been met and released by the DIVISION and is conditioned upon faithful performance of all of the requirements of the Act, the applicable rules and regulations, SMCRA, the approved permit and the DIVISION.

The SURETY will not cancel this bond at any time for any reason, including non-payment of premium or bankruptcy of the Principal during the period of liability.

The SURETY and their successors and assigns, agree to guarantee the obligation and to indemnify, defend, and hold harmless the DIVISION and OSM from any and all expenses which the DIVISION and OSM may sustain as a result of the PERMITTEE's failure to comply with the condition(s) of the reclamation obligation.

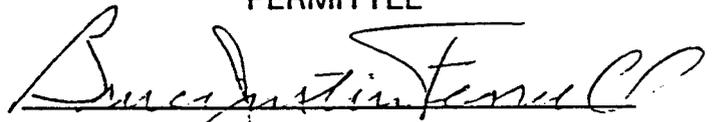
The SURETY will give prompt notice to the PERMITTEE and to the DIVISION and OSM of any notice or action involving insolvency or bankruptcy of the SURETY, or alleging any violations of regulatory requirements which could result in suspension or revocation of the SURETY's license in this state. In the event the Cooperative Agreement between the DIVISION and OSM is terminated, then the portion of the bond covering the Federal Lands will be payable only to the United States, Department of Interior, Office of Surface Mining.

Terms for release or adjustment of this BOND are as written and agreed to by the DIVISION and the PERMITTEE in the RECLAMATION AGREEMENT incorporated by reference herein, to which this SURETY AGREEMENT has been attached as Exhibit "B".

IN WITNESS WHEREOF, the PERMITTEE has hereunto set its signature and seal
this 23 day of February, 1993.

ANDALEX Resources, Inc.

PERMITTEE

By: 
Title: Secretary

IN WITNESS WHEREOF, the SURETY has hereto set its signature and seal
this 23rd day of February, 1993.

UTICA MUTUAL INSURANCE COMPANY

SURETY

By: 
Title: Susan L. Osborne, Attorney-in-Fact

ACCEPTED BY THE STATE OF UTAH
this 19th day of March, 1993.


Lowell P. Braxton, Acting Director
Division of Oil, Gas and Mining

NOTE: An Affidavit of Qualification must be completed and attached to this form for each authorized agent or officer. Where one signs by virtue of Power of Attorney for a company, such Power of Attorney must be filed with this Agreement. If the PERMITTEE is a corporation, the Agreement shall be executed by its duly authorized officer.

UTICA MUTUAL INSURANCE COMPANY

NEW HARTFORD, NEW YORK

No. 137

POWER OF ATTORNEY

Know all men by these Presents, the UTICA MUTUAL INSURANCE COMPANY, a New York Corporation, having its principal office in the Town of New Hartford, County of Oneida, State of New York, does hereby make, constitute and appoint

Bruce L. Ferguson, Bruce W. Ferguson, Scott C. Ferguson, Patricia S. Lee & Susan L. Osborne
Louisville, Kentucky

its true and lawful Attorney(s)-in-fact in their separate capacity if more than one is named above to make, execute, sign, seal and deliver for and on its behalf as surety and as its act and deed (without power of redelegation) any and all bonds and undertakings and other writings obligatory in the nature thereof (except bonds guaranteeing the payment of principal and interest of notes, mortgage bonds and mortgages) provided the amount of no one bond or undertaking exceeds UNLIMITED Dollars (\$ UNLIMITED).

The execution of such bonds and undertakings shall be as binding upon said UTICA MUTUAL INSURANCE COMPANY as fully and to all intents and purposes as if the same had been duly executed and acknowledged by its regularly elected officers at its Home Office in New Hartford, New York.

This Power of Attorney is granted under and by authority of the following resolution adopted by the Directors of the UTICA MUTUAL INSURANCE COMPANY on the 27th day of November, 1961.

Resolved, that the President or any Vice-President, in conjunction with the Secretary or any Assistant Secretary be and they are hereby authorized and empowered to appoint Attorneys-in-fact of the Company, in its name and as its acts, to execute and acknowledge for and on its behalf as Surety any and all bonds, recognizances, contracts of indemnity and all other writings obligatory in the nature thereof with power to attach thereto the seal of the Company. Any such writings so executed by such Attorneys-in-fact shall be as binding upon the Company as if they had been duly acknowledged by the regularly elected Officers of the Company in their own proper persons.

Now Therefore, the signatures of such officers and the seal of the Company may be affixed to any such Power of Attorney by a facsimile, and any such Power of Attorney bearing such facsimile signatures or seal shall be valid and binding upon the Company.

In Witness Whereof, the UTICA MUTUAL INSURANCE COMPANY has caused these presents to be signed by Authorized Officers, this 1st day of September, 19 90.

John P. Sullivan
Secretary



UTICA MUTUAL INSURANCE COMPANY
Wallace H. Watkins
President

STATE OF NEW YORK }
COUNTY OF ONEIDA } ss:

On this 1st day of September, 19 90, before me, a Notary Public in and for the State of New York, personally came WALLACE H. WATKINS and JOHN P. SULLIVAN to me known, who acknowledged execution of the preceding instrument and, being by me duly sworn, do depose and say, that they are President and Secretary respectively of UTICA MUTUAL INSURANCE COMPANY; and that the seal affixed to said instrument is the corporate seal of UTICA MUTUAL INSURANCE COMPANY; and that said corporate seal is affixed and their signatures subscribed to said instrument by authority and order of the Board of Directors of said Corporation.

In Testimony Whereof, I have hereunto set my hand at New Hartford, New York, the day and year first above written.

STATE OF NEW YORK }
COUNTY OF ONEIDA } ss:



Rosemary Wadas
Notary Public

I, John D. Yonkers Assistant Secretary of the UTICA MUTUAL INSURANCE COMPANY do hereby certify that the foregoing is a true and correct copy of a Power of Attorney, executed by said UTICA MUTUAL INSURANCE COMPANY, which is still in full force and effect.

In Witness Whereof, I have hereunto set my hand and affixed the Seal of the said Corporation at New Hartford, New York, this 22nd day of February, 19 93.

John D. Yonkers
Assistant Secretary

UTICA MUTUAL INSURANCE COMPANY,

GRAPHIC ARTS MUTUAL INSURANCE COMPANY

NEW HARTFORD, NEW YORK

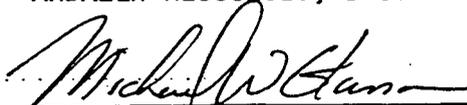
ATTACHMENT B

Special Condition

The following is added to bond number SU 1354086.

To the extent that Federal lands are involved, release of this surety bond also is conditioned upon compliance with applicable Federal laws and regulations and the provisions of the Utah State-Federal Cooperative Agreement at 30 CFR 944.30. If the Utah State-Federal Cooperative Agreement is terminated, this surety bond shall revert to being payable only to the United States and the phrase "Utah Division of Oil, Gas and Mining" and the term "UDOGM" and "DOGM" and any other acronyms or abbreviations for the phrase "Utah Division of Oil, Gas and Mining" shall be interpreted to mean OSM to the extent that Federal lands are involved.

ANDALEX RESOURCES, INC.


Principal

UTICA MUTUAL INSURANCE COMPANY

Susan L. Osborne, Attorney-in-Fact

Signed and Sealed this 7th day of May, 19 91.

UTICA MUTUAL INSURANCE COMPANY

NEW HARTFORD, NEW YORK

No. 137

POWER OF ATTORNEY

Know all men by these Presents, the UTICA MUTUAL INSURANCE COMPANY, a New York Corporation, having its principal office in the Town of New Hartford, County of Oneida, State of New York, does hereby make, constitute and appoint

Bruce L. Ferguson, Bruce W. Ferguson, Scott C. Ferguson, Patricia S. Lee & Susan L. Osborne
Louisville, Kentucky

its true and lawful Attorney(s)-in-fact in their separate capacity if more than one is named above to make, execute, sign, seal and deliver for and on its behalf as surety and as its act and deed (without power of redelegation) any and all bonds and undertakings and other writings obligatory in the nature thereof (except bonds guaranteeing the payment of principal and interest of notes, mortgage bonds and mortgages) provided the amount of no one bond or undertaking exceeds UNLIMITED Dollars (\$ UNLIMITED).

The execution of such bonds and undertakings shall be as binding upon said UTICA MUTUAL INSURANCE COMPANY as fully and to all intents and purposes as if the same had been duly executed and acknowledged by its regularly elected officers at its Home Office in New Hartford, New York.

This Power of Attorney is granted under and by authority of the following resolution adopted by the Directors of the UTICA MUTUAL INSURANCE COMPANY on the 27th day of November, 1961.

"Resolved, that the President or any Vice-President, in conjunction with the Secretary or any Assistant Secretary, be and they are hereby authorized and empowered to appoint Attorneys-in-fact of the Company, in its name and as its acts, to execute and acknowledge for and on its behalf as Surety any and all bonds, recognizances, contracts of indemnity and all other writings obligatory in the nature thereof, with power to attach thereto the seal of the Company. Any such writings so executed by such Attorneys-in-fact shall be as binding upon the Company as if they had been duly acknowledged by the regularly elected Officers of the Company in their own proper persons.

"Now Therefore, the signatures of such officers and the seal of the Company may be affixed to any such Power of Attorney by a facsimile, and any such Power of Attorney bearing such facsimile signatures or seal shall be valid and binding upon the Company."

In Witness Whereof, the UTICA MUTUAL INSURANCE COMPANY has caused these presents to be signed by its Authorized Officers, this 28th day of February, 1989.

UTICA MUTUAL INSURANCE COMPANY

John P. Sullivan
Secretary



W. Craig Heston
President

STATE OF NEW YORK }
COUNTY OF ONEIDA } ss:

On this 28th day of February, 1989, before me, a Notary Public in and for the State of New York, personally came W. CRAIG HESTON and JOHN P. SULLIVAN to me known, who acknowledged execution of the preceding instrument and, being by me duly sworn, do depose and say that they are *President* and *Secretary* respectively of UTICA MUTUAL INSURANCE COMPANY; and that the seal affixed to said instrument is the corporate seal of UTICA MUTUAL INSURANCE COMPANY; that said corporate seal is affixed and their signatures subscribed to said instrument by authority and order of the Board of Directors of said Corporation.

In Testimony Whereof, I have hereunto set my hand at New Hartford, New York, the day and year first above written.



Rosemary Wadas
Notary Public

STATE OF NEW YORK }
COUNTY OF ONEIDA } ss:

I, John D. Yonkers Assistant Secretary of the UTICA MUTUAL INSURANCE COMPANY do hereby certify that the foregoing is a true and correct copy of a Power of Attorney, executed by said UTICA MUTUAL INSURANCE COMPANY, which is still in full force and effect.

In Witness Whereof, I have hereunto set my hand and affixed the Seal of the said Corporation at New Hartford, New York, this 7th day of May, 1991.

John D. Yonkers
Assistant Secretary