

*Grande Does this have a file?*

**PERMIT CHANGE TRACKING FORM**

DATE RECEIVED <i>1/28/97</i>	By: <i>Price</i> (Initial)	PERMIT NUMBER	<i>ACT/007/019</i>
Title of Proposal: <i>160 acre lease Modification</i>		PERMIT CHANGE #	<i>97B</i>
Description: <i>IBC 100-ft extension</i>		PERMITTEE	<i>Andalex</i>
		MINE NAME	<i>Centennial</i>

PERMIT CHANGE APPLICATION SENT TO SLC      DATE: \_\_\_\_\_      LETTER TO PERMITTEE: \_\_\_\_\_

<input type="checkbox"/> 15 DAY INITIAL RESPONSE TO PERMIT CHANGE APPLICATION OR ICR  RESULT <input type="checkbox"/> ACCEPTED <input type="checkbox"/> REJECTED	DATE DUE	DATE DONE	LETTER TO PERMITTEE:

<input type="checkbox"/> Notice of Affidavit of Publication. (If change is a Significant Revision.)	DATE DUE	DATE DONE	PUBLIC COMMENT RECIEVED

PRICE REVIEW TRACKING	REVIEW		SLC REVIEW TRACKING	REVIEW	
	DUE	DONE		DUE	DONE
<input type="checkbox"/> Lead <input checked="" type="checkbox"/> Generalist <i>Steve</i>			<input type="checkbox"/> Lead		
<input type="checkbox"/> Administrative (AVS)			<input type="checkbox"/> Administrative (AVS)		
<input type="checkbox"/> Biology			<input type="checkbox"/> Biology <i>Paul</i>	<i>2/14</i>	
<input type="checkbox"/> Engineering			<input type="checkbox"/> Engineering <i>Wagne</i>	<i>2/14</i>	
<input type="checkbox"/> Geology			<input type="checkbox"/> Geology <i>Jim</i>	<i>2/14</i>	
<input type="checkbox"/> Soils			<input type="checkbox"/> Soils		
<input type="checkbox"/> Hydrology			<input type="checkbox"/> Hydrology <i>Jim</i>	<i>2/14</i>	

TA Review Due	Date:	Permittee Response Due	Date:	DIVISION DECISION LETTER <input type="checkbox"/> APPROVE <input type="checkbox"/> DENY
TA Review Done	Date:	Response Received	Date:	

COORDINATED REVIEWS	PHONE CONTACT	SENT	DUE	RECEIVED	ADDITIONAL TRACKING	Date:
<input checked="" type="checkbox"/> OSMRE		<i>2/10/97</i>			PUBLIC HEARING	
<input type="checkbox"/> US Forest Service					LETTER FROM COMPLIANCE SUPERV.	
<input checked="" type="checkbox"/> BLM		<i>2/10/97</i>			AVS COMPLETED	
<input checked="" type="checkbox"/> US FWS		<i>2/10/97</i>			PERMIT CHANGE APPROVAL EFFECTIVE	
<input type="checkbox"/> US NPS					APPROVED COPY TO FILE	
<input checked="" type="checkbox"/> UT SHPO		<i>2/10/97</i>			APPROVED COPY TO PERMITTEE	
<input type="checkbox"/> UT DEQ					APPROVED COPY TO PFO/SLC	<i>3/1</i>
<input type="checkbox"/> UT Water Rights					APPROVED COPY TO AGENCIES	
<input type="checkbox"/> UT Wildlife Resources					CHIA MODIFIED	
<input type="checkbox"/> UT SITLA					UPDATE PERMIT TA    DONE/NEEDED	

PRICE FIELD OFFICE COMMENTS:

SLC OFFICE COMMENTS: *Approved 3/18/97.*

## PERMIT CHANGE TRACKING FORM

DATE RECEIVED: <b>1/28/97</b>	By: <b>Price</b> (Initial)	PERMIT NUMBER: <b>ACT/002/019</b>	
Title of Proposal: <b>160 acre lease modification</b>		PERMIT CHANGE #: <b>97B</b>	
Description: <b>IBC</b>		PERMITTEE: <b>Andalex</b>	
		MINE NAME: <b>Centennial</b>	

**PERMIT CHANGE APPLICATION SENT TO SLC**      DATE: \_\_\_\_\_      LETTER TO PERMITTEE: \_\_\_\_\_

<input type="checkbox"/> <b>15 DAY INITIAL RESPONSE TO PERMIT CHANGE APPLICATION OR ICR</b>	DATE DUE	DATE DONE	LETTER TO PERMITTEE:
RESULT: <input type="checkbox"/> ACCEPTED <input type="checkbox"/> REJECTED			

<input type="checkbox"/> <b>Notice of Affidavit of Publication. (If change is a Significant Revision.)</b>	DATE DUE	DATE DONE	PUBLIC COMMENT RECEIVED
--	----------	-----------	-------------------------

PRICE REVIEW TRACKING	REVIEW		SLC REVIEW TRACKING	REVIEW	
	DUE	DONE		DUE	DONE
<input type="checkbox"/> Lead <input checked="" type="checkbox"/> Generalist <b>Steve</b>			<input type="checkbox"/> Lead		
<input type="checkbox"/> Administrative (AVS)			<input type="checkbox"/> Administrative (AVS)		
<input type="checkbox"/> Biology			<input type="checkbox"/> Biology <b>Paul</b>	<b>2/14</b>	
<input type="checkbox"/> Engineering			<input type="checkbox"/> Engineering <b>Wayne</b>	<b>2/14</b>	
<input type="checkbox"/> Geology			<input type="checkbox"/> Geology <b>Jim</b>	<b>2/14</b>	
<input type="checkbox"/> Soils			<input type="checkbox"/> Soils		
<input type="checkbox"/> Hydrology			<input type="checkbox"/> Hydrology <b>Jim</b>	<b>2/14</b>	

TA Review Due	Date:	Permittee Response Due	Date:	DIVISION DECISION LETTER
		<input type="checkbox"/> Stipulation <input type="checkbox"/> Condition		<input type="checkbox"/> APPROVE <input type="checkbox"/> DENY
		<input type="checkbox"/> No Requirements		
TA Review Done	Date:	Response Received	Date:	Date:

COORDINATED REVIEWS	PHONE CONTACT	SENT	DUE	RECEIVED	ADDITIONAL TRACKING	Date:
<input type="checkbox"/> OSMRE					PUBLIC HEARING	
<input type="checkbox"/> US Forest Service					LETTER FROM COMPLIANCE SUPERV.	
<input type="checkbox"/> BLM					AVS COMPLETED	
<input type="checkbox"/> US FWS					PERMIT CHANGE APPROVAL EFFECTIVE	
<input type="checkbox"/> US NPS					APPROVED COPY TO FILE	
<input type="checkbox"/> UT SHPO					APPROVED COPY TO PERMITTEE	
<input type="checkbox"/> UT DEQ					APPROVED COPY TO PFO/SLC	
<input type="checkbox"/> UT Water Rights					APPROVED COPY TO AGENCIES	
<input type="checkbox"/> UT Wildlife Resources					CHIA MODIFIED	
<input type="checkbox"/> UT SITLA					UPDATE PERMIT TA    DONE/NEEDED	

PRICE FIELD OFFICE COMMENTS:	SLC OFFICE COMMENTS:
------------------------------	----------------------

U-010581:

Tract 1: T.13S., R.11E., SLM, Utah  
(original lease) Secs. 5, and 6, all;  
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 modification) Sec. 17, S 1/2 NE 1/4, N 1/2 NE 1/4 SW 1/4,  
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. The lease is still part of this MRP.

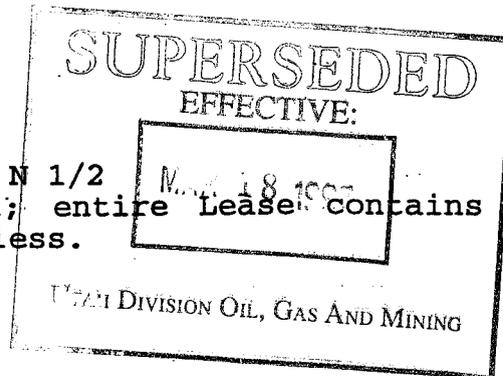
U-05067

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 containing 320 acres, more or less.

UTU-66060

T.12S, R.11E., SLM, Utah  
Sec. 31, Lots 3-6, 13-22

T.13S, R.10E., SLM, Utah  
Sec. 1, Lots 1-8, S 1/2 N 1/2  
Sec. 12, Lot 1; entire Lease contains 903  
acres, more or less.



The private fee leases are described as follows:

T.13S., R.11E., SLM, Carbon County, Utah  
Sec. 7: S 1/2 NW 1/4  
N 1/2 SW 1/4  
SE 1/4 SW 1/4 containing 200 acres, more or less.

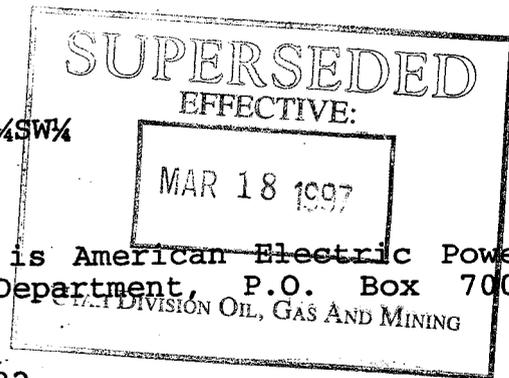
The name and address of the lessor is Zion Securities Corporation, 10 East South Temple Street, Salt Lake City, Utah. This lease was originally made and entered into between Zion's and Centennial Coal Associates on August 1, 1972. AMCA Coal Leasing, Inc., acquired the lease in February, 1977.

T.13S., R.11E., SLM, Carbon County, Utah  
Sec. 9: SE 1/4 NW 1/4  
S 1/2 NE 1/4  
NE 1/4 NE 1/4  
N 1/2 SE 1/4 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 Utah  
Sec 1, SW $\frac{1}{4}$   
Sec 12, lots 2-11, W $\frac{1}{2}$ W $\frac{1}{2}$ , NE $\frac{1}{4}$ SW $\frac{1}{4}$   
containing 801.48 acres.



The name and address of the lessor is American Electric Power Service Corporation, Fuel Supply Department, P.O. Box 700, Lancaster, OH 43130

This agreement was executed May 1, 1992.

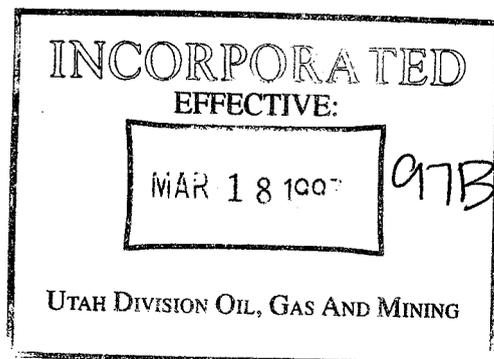
BLM Right-of-Way U-62045

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

Tract 2: T.12S., R.11E., S1M, Utah  
(lease Sec. 31, Lot 12 ;  
modification) Sec. 32, W 1/4 SW 1/4, SW 1/4 NW 1/4 entire  
lease containing 1063 acres more or less.



12/17/96

Andalex Resources, Inc.  
Mine Plan Cross Reference  
To Coal Mining Rules R645  
Updated - Technical Analysis 6/15/95

Tract 2: T.12S., R.11E., SLM, Utah  
(lease Sec. 31, Lot 12 ;  
modification) Sec. 32, W 1/4 SW 1/4, SW 1/4 NW 1/4 entire  
lease containing 1063 acres more or less.

The Incidental Boundary Change requested by ANDALEX for its immediate needs include only a small portion of the modified lease. The Incidental Boundary Change can be described as 6.06 acres which is a rectangular piece of land 200' by 1320'.

The legal description of the land is:

T.12S., R.11E., Section 32  
Beginning at the southeast corner of section 31, thence north 200', thence east 1320', thence south 200' thence west 1320' to the point of beginning.

Development or first mining only will take place within this Incidental Boundary Change and there will be no chance of subsidence or any surface disturbance of any kind. This development mining will take place under 2000' of overburden.

Within this Incidental Boundary Change the development mining will produce approximately 14,000 tons before the western boundary is met and the original UTU 66060 is encountered. This includes 2 80 foot crosscuts to the north and seven 120 foot crosscuts to the west. The total area to be mined within the Incidental Boundary Change is 2.81 acres.



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

1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

April 1, 1997

Ranvir Singh  
Federal Lands Program  
Office of Surface Mining  
Reclamation and Enforcement  
Western Regional Coordinating Center  
1999 Broadway, Suite 3320  
Denver, CO 80202-5733

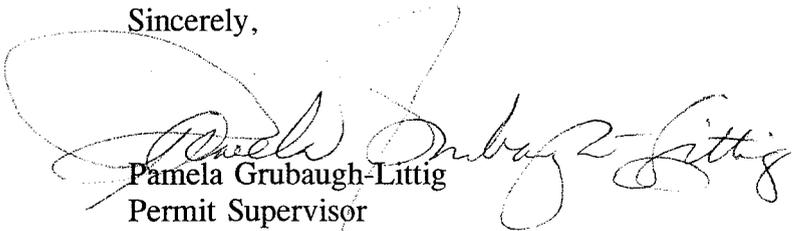
Re: Approved Updates for Incidental Boundary Change - 100 Foot Extension, Andalex Resources Inc., Centennial Mine, ACT/007/019 - 97B, Carbon County, Utah

Dear Mr. Singh:

I am enclosing approved updates for the incidental boundary change for the Centennial Mine for the 100 foot extension which was approved March 18, 1997.

If you have any questions, please call me.

Sincerely,

  
Pamela Grubaugh-Littig  
Permit Supervisor

Enclosure

cc: Price Field Office

O:\007019.CEN\DRAFT\TRNSMTLI.WPD



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

Pam

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

1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

March 18, 1997

Mr. Mike Glasson, Sr. Geologist  
Andalex Resources, Inc.  
6750 Airport Road  
P. O. Box 902  
Price, Utah

Dear Mr. Glasson:

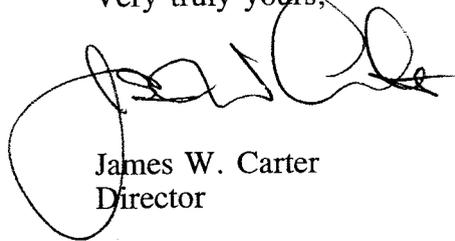
Re: State Final Findings and Supporting Documentation, Incidental Boundary Change - Extension of 100 Feet within Modified federal Lease UTU-66060, Centennial Mine, Andalex Resources Inc., Centennial Project, ACT/007/019-97B, Folder No. 2, Carbon County, Utah

Enclosed please find Utah's Final Findings and Supporting Decision Documentation for Andalex Resources' to extend mining approximately 100 feet into federal lease UTU-66060 through an incidental boundary change. This document allows Andalex to conduct development mining only in this extended lease area.

With this package there are two (2) copies of the revised permanent program mining and reclamation permit for the Centennial Mines Complex. Please read the permit to be sure you understand the requirements, then have both copies signed and return one to the Division.

Thank you for your help during the permitting process. Please call if there are any questions.

Very truly yours,



James W. Carter  
Director

Enclosures  
cc: Ron Singh, OSM

UTAH DIVISION OF OIL, GAS AND MINING  
STATE DECISION DOCUMENT

Andalex Resources, Inc.  
Centennial Project  
Incidental Boundary Change (100 Foot Extension)  
ACT/007/019-97B  
Carbon County, Utah

March 18, 1997

CONTENTS

- \* Administrative Overview
- \* Location Map
- \* Findings
- \* BLM Lease Document
- \* Letters of Concurrence and Other Attachments
  - Bureau of Land Management, March 17, 1997
  - U. S. Fish and Wildlife Service, March 11, 1997
  - Division of State History, February 28, 1997 and March 18, 1997
  - Memo from James D. Smith, CHIA, February 14, 1997
- \* Revised Permit

## ADMINISTRATIVE OVERVIEW

Andalex Resources, Inc.  
Centennial Project  
Incidental Boundary Change (100 Foot Extension)  
ACT/007/019  
Carbon County, Utah

March 18, 1997

### PROPOSAL

Andalex Resources, Inc. (ARI) has proposed to add approximately 6.06 acres to the current permit area through an Incidental boundary change. ARI is proposing to conduct development mining in 2.8 acres of modified federal lease UTU-66060 to extract 14,000 tons of coal. Mining would take place in the Lower A seam and would be done as an extension of current underground mining operations at the Aberdeen Mine.

### BACKGROUND

The Mining and Reclamation Plan (MRP) for the Centennial Project was approved by the Office of Surface Mining in November of 1981 and by the Division of Oil, Gas and Mining (DOG M) in January of 1982. The originally approved MRP consisted of 2,240 acres of private and federal coal leases. On May 20, 1986, ARI was issued a permit by DOGM for a 120-acre federal emergency lease. On March 2, 1987, a new five-year permanent program permit was issued incorporating the emergency lease, for a total permitted acreage of 2,360 acres.

In October of 1981, Federal lease numbers U-010581, SL-063058 and SL-027304 were modified by the Bureau of Land Management to include an additional 436 acres. In March of 1988, ARI requested that these three lease modifications be incorporated into the permitted area. In August of 1988, ARI requested that one additional 320 acre federal lease (U-05067) and one 240 acre fee lease be added to the permitted area. The permit was revised to include these leases on May 4, 1989, which brought the total permitted acreage to 3,358 acres. Again on April 8, 1991, a permit revision was approved which incorporated Federal Lease UTU-66060 also known as the Graves Lease into the permit area. The addition of this 933 acre lease brought the total lease holdings to 4,291 acres. This total combined with a 10 acre BLM right-of-way brought the total permit acreage to 4,301. On July 7, 1993 the addition of the AEP lease to the permitted area, which consisted of 801.48 acres brought the total permitted acreage to 5102.48 acres. This incidental boundary change adds 6.06 acres to the permit bringing the total permit area to 5108.54 acres.

Currently ARI operates three mines, the Pinnacle, Apex and Aberdeen, in the Gilson,

Lower Sunnyside and Aberdeen seams respectively. A fourth seam, the Centennial, is accessed through the Pinnacle Mine by driving rock slopes from the Gilson seam. The proposed incidental boundary change involves further development of the Aberdeen seam.

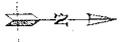
### ANALYSIS

No additional surface disturbance is proposed in relation to the addition of the incidental boundary change. All mining will be done as an extension of current underground mining in the Aberdeen seam. Mining in this area will be development only, therefore there will be no planned subsidence. The Cumulative Hydrologic Impact Assessment indicates that the proposed operation has been designed to prevent material damage to the hydrologic balance outside the proposed permit area.

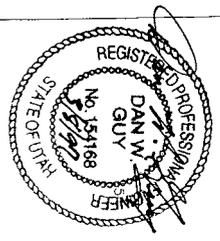
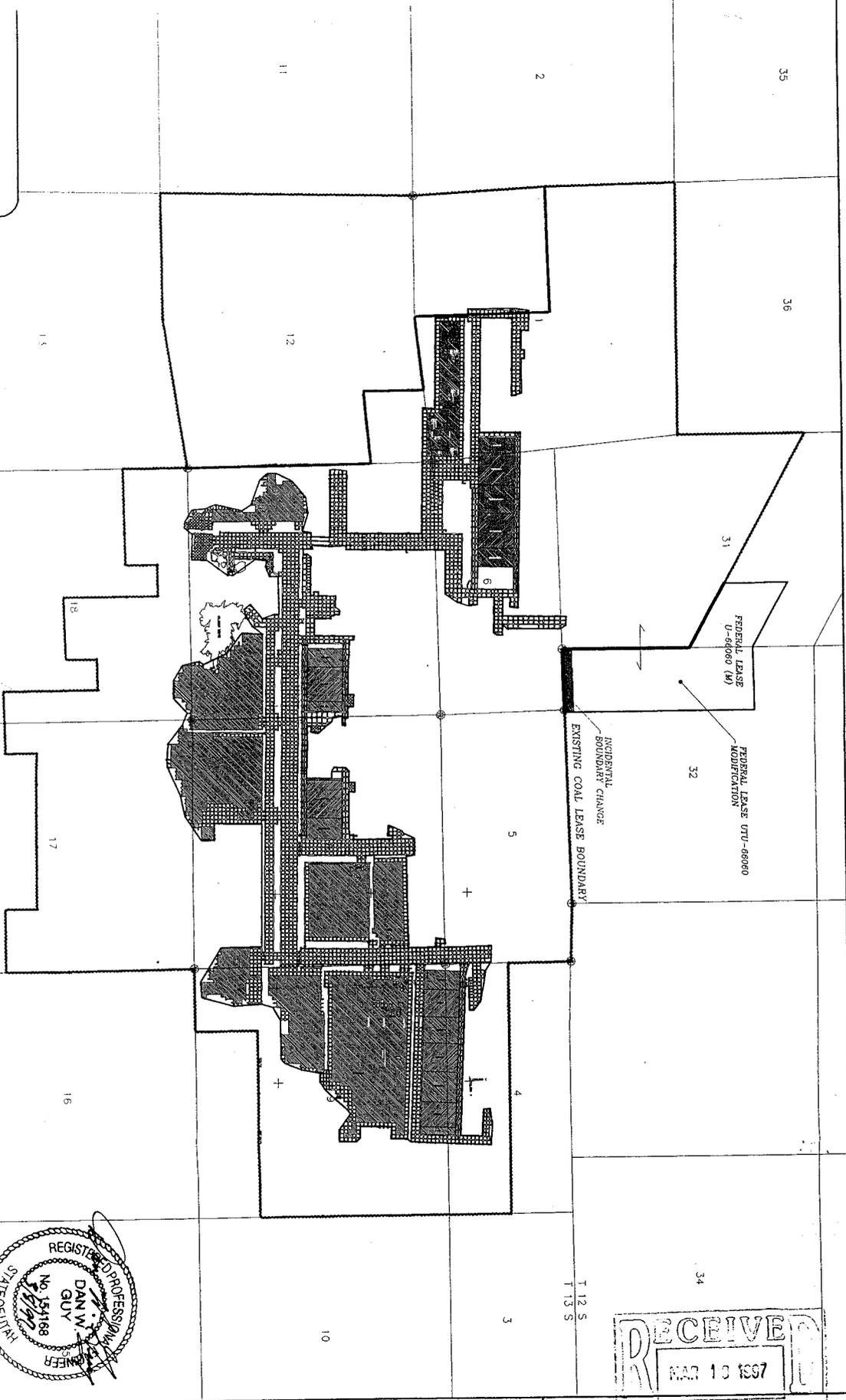
### RECOMMENDATION

ARI has demonstrated that mining of the Incidental Boundary Change can be done in conformance with the Surface Mining Control and Reclamation Act, and the corresponding Utah Act and performance standards. The Bureau of Land Management has approved the R2P2 for the federal lease modification and concurs with the decision to allow mining at this time. It is therefore recommended that approval be given for the addition of the IBC to the permitted area and to the currently approved five year permanent program mining permit.

NOTES:  
INCIDENTAL BOUNDARY CHANGE  
PROPOSED INCIDENTAL BOUNDARY CHANGE  
MINED AREA



1/4" = 100'  
0' 10' 20' 30' 40' 50'



TOWER DIVISION  
INCIDENTAL BOUNDARY CHANGE

SCALE:  
500' 0' 1000' 2000'

MARCH 7, 1997

ACAD REP: ACREMAP2



RECEIVED  
MAR 10 1997  
ANDALEX  
RESOURCES, INC.  
Tower Division

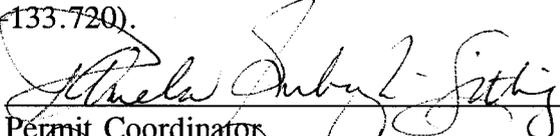
## FINDINGS

Andalex Resources, Inc.  
Incidental Boundary Change (100 Foot Extension)  
Federal Lease UTU-66060  
ACT/007/019

March 18, 1997

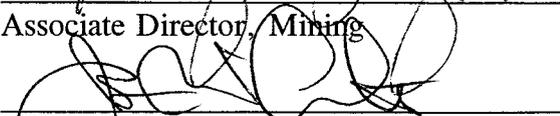
1. The amended plan and the permit application are accurate and complete and all requirements of the Surface Mining Control and Reclamation Act, and the approved Utah State Program (the "Act") have been complied with (R645-300-133.100).
2. No additional surface reclamation is required since the additional 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 (R645-300-133.400 and UCA 40-10-11 {2}{c}) (See February 14, 1997 supplemental report to CHIA by James D. Smith).
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).
5. The regulatory authority's issuance of a permit is in compliance with the National Historic Preservation Act and implementing regulations (36 CFR 800) (R645-300-133.600). (See attached letter from State Historic Preservation Officer (SHPO) dated March 18, 1997.)
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 (lease UTU-66060 modified effective October 3, 1994) (R645-300-133.300).

7. 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.
8. The applicant has posted a surety bond for the Centennial Mines Complex 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).
9. No lands designated as prime farmlands or alluvial valley floors occur on the permit area (R645-302-313.100) (R645-302-321.100).
10. The regulatory authority has made all specific approvals required by the Act, the Cooperative Agreement, and the Federal Lands Program. (see letter dated March 14, 1995 from Ranvir Singh, OSM-WRCC).
11. 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 (R645-300-133.500). (See March 11, 1997 letter from U. S. Fish and Wildlife Service).
12. 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 Coordinator

  
Permit Supervisor

  
Associate Director, Mining

  
Director



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Moab District  
Price River/San Rafael Resource Area  
125 South 600 West  
Price, Utah 84501

3482  
U-66060  
(UT-066)

Pamela Grubaugh-Littig  
State of Utah  
Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Salt Lake City, Utah 84114-5801

**MAR 17 1997**

Re: Incidental Boundary Change, 160 Acre Lease Modification, Centennial Mine, Andalex Resources, Inc., ACT/007/019-97B

Dear Ms. Grubaugh-Littig:

The Bureau of Land Management has received from your office a copy of the submission for the subject permit change. The addition of 160 acres to Federal coal lease U-66060 requires a modified resource recovery and protection plan (R2P2) as part of the permit modification. Our review of Andalex's submission follows:

The submission has been reviewed and it contains all necessary requirements of the R2P2. The 160-acre addition to the lease will allow Andalex to mine main entries north along the area where the "A" seam thickness pinches out, thus mining to the limits of the minable coal. This submission includes the mining plans for Andalex's immediate need to mine just into the new lease modification for the start-up development for the next longwall panel. This immediate development is critical due to a major panel reconfiguration to protect from dangerous coal bounces.

The BLM has determined that the R2P2 changes for the 160-acre lease modification, including the immediate main entry development, meets the requirements of the Mineral Leasing Act of 1920, as amended, the regulations at 43 CFR 3480, the lease terms and conditions, and will achieve maximum economic recovery of the Federal coal. If you have any questions, please contact Stephen Falk of my staff at 636-3600.

Sincerely,

*Mark E. Bailey*  
Act. Area Manager

cc: UT-921, Utah State Office  
Andalex Resources, Inc.  
P. O. Box 902  
Price, Utah 84501



United States Department of the Interior  
FISH AND WILDLIFE SERVICE

UTAH FIELD OFFICE  
LINCOLN PLAZA  
145 EAST 1300 SOUTH, SUITE 404  
SALT LAKE CITY, UTAH 84115

In Reply Refer To

(CO/KS/NE/UT)

March 11, 1997

Pamela Grubaugh-Littig  
Utah Department of Natural Resources  
Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, UT 84114-5801

RE: Centennial Mine, Andalex Resources, Inc., ACT/007/019-97B

Dear Ms. Grubaugh-Littig:

We have received and reviewed your letters of February 10 and 21, 1997 concerning the incidental boundary change of 160 acres for Centennial Mine, Andalex Resources, Inc. located in Carbon County, Utah. No threatened or endangered species are known to occur at the project site. Please contact us, if we can be of any further assistance.

Sincerely,

Robert D. Williams  
Assistant Field Supervisor

cc: Daron Haddock, State of Utah, Department of Natural Resources, Division of Oil, Gas and Mining, 1594 West North Temple, Suite 1210, Box 145801, Salt Lake City, UT 84114-5801



# State of Utah

Department of Community & Economic Development  
Division of State History  
Utah State Historical Society



Michael O. Leavitt  
Governor  
Max J. Evans  
Director

300 Rio Grande  
Salt Lake City, Utah 84101-1182  
(801) 533-3500  
FAX: (801) 533-3503

February 28, 1997

Pamela Grubaugh-Littig  
Permit Supervisor  
Division of Oil, Gas and Mining  
1594 West North Temple  
Suite 1210  
P. O. Box 145801  
Salt Lake City UT 84114-5801

*Copy to Pamela*

RE: Incidental Boundary Change - T60 Acre Lease Modification, Centennial Mine, Andalex Resources, Inc., ACT/007/019-97B, Folder #2, Carbon County, Utah

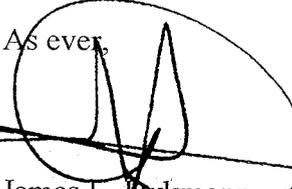
In Reply Please Refer to Case No. K439

Dear Ms. Grubaugh-Littig:

The Utah State Historic Preservation Office received the above referenced request on February 24, 1997. After review of the material provided, the Utah Preservation Office cannot determine if a survey has been completed for the additional acres that are part of the expansion without the mine plan. Is there data in the Boundary Change document that would determine if the area has been surveyed?

This information is provided on request to assist the Division of Oil, Gas and Mining with its Section 106 responsibilities as specified in 36CFR800. If you have questions, please contact me at (801) 533-3555, or Barbara L. Murphy at (801) 533-3563. My email address is: [jdykman@history.state.ut.us](mailto:jdykman@history.state.ut.us)

As ever,

  
James L. Dykman  
Compliance Archaeologist

JLD:K439 OSM

F:\Cultural Resources\Jim\K439.wpd



Department of Community & Economic Development  
Division of State History  
Utah State Historical Society



Michael O. Leavitt  
Governor  
Max J. Evans  
Director

300 Rio Grande  
Salt Lake City, Utah 84101-1182  
(801) 533-3500 • FAX: 533-3503 • TDD: 533-3502  
cchistry.ushs@email.state.ut.us

March 18, 1997

Pamela Grubaugh-Littig  
Division of Oil, Gas and Mining  
1594 West North Temple  
Suite 1210  
P. O. Box 145801  
Salt Lake City UT 84114-5801

RE: Centennial Mine UTU-066060

In Reply Please Refer to Case No. K439

Dear Ms. Grubaugh-Littig:

The Utah State Historic Preservation Office received the above referenced request on March 11, 1997. Pam I took a look at the material you sent over on the Centennial Mine, I do not see anything would provide an potential effect. Let me know if there are any questions about the project.

This information is provided on request to assist Division of Oil Gas and Mining with its Section 106 responsibilities as specified in 36CFR800. If you have questions, please contact me at (801) 533-3555, or Barbara L. Murphy at (801) 533-3563. My email address is: [jdykman@history.state.ut.us](mailto:jdykman@history.state.ut.us)

As ever,

James L. Dykman  
Compliance Archaeologist

JLD:K439 OSM

F:\Cultural Resources\Jim\K439.wpd



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

1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

February 14, 1997

To: File

Thru: Daron Haddock, Permit Supervisor

From: James D. Smith, Reclamation Specialist

Re: Cumulative Hydrologic Impact Assessment (CHIA), Incidental Boundary Change (IBC),  
Andalex Resources, Centennial Project, ACT/007/019, Folder #2, Carbon County, Utah.

The CHIA for the Centennial Project was updated on December 4, 1990, when lease UTU 66066 (the "Graves" lease ) was added to the permit, and re-evaluated on April 20, 1993 for the addition of lease UTU-66066 (the "AEP" lease) to the permit. The currently proposed Tract 2 addition is within the Cumulative Impact Area (CIA) of the 1990 CHIA. The probable cumulative impacts of all anticipated coal mining and reclamation operations on the hydrologic balance in the cumulative impact area has been assessed and it has been determined that the proposed operation has been designed to prevent material damage to the hydrologic balance outside the proposed permit area.

There are only ephemeral surface drainages and no known springs or seeps within Tract 2. The only probable hydrologic consequence of mining coal in this tract 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. In recent years the mine discharged at rates of up to 100,000 gallons per day, but there were no reported discharges in 1995 or 1996. No appreciable change in the amount of water intercepted or discharged should be expected from addition of Tract 2 to the mine operation.

O:\007019.CEN\FINAL\CHIA\CNTNNL3C.HIA

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING  
1594 West North Temple, Suite 1210  
Salt Lake City, Utah 84180-1203

This permit, ACT/007/019, is issued for the state of Utah by the Utah Division of Oil, Gas and Mining (DOGM) to:

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

for the Centennial Project. Andalex Resources Inc. is the lessee of federal coal leases SL-027304, SL-063058, U-010581, U-05067, U-52341, UTU-66060, U-69600, and the lessee of fee-owned parcels, Zion's fee lease and the Sunedco fee lease. A performance bond is filed with the DOGM in the amount of \$1,080,839.00, payable to the state of Utah, Division of Oil, Gas and Mining and the Office of Surface Mining Reclamation and Enforcement (OSMRE). DOGM must receive a copy of this permit signed and dated by the permittee.

- Sec. 1 STATUTES AND REGULATIONS** - This permit is issued pursuant to the Utah Coal Mining and Reclamation Act of 1979, Utah Code Annotated (UCA) 40-10-1 et seq, hereafter referred to as the Act.
- Sec. 2 PERMIT AREA** - The permittee is authorized to conduct underground coal mining activities on the following described lands within the permit area at the Centennial Mines Complex situated in the state of Utah, Carbon County, and located in:

Township 13 South, Range 11 East, SLBM

- Section 4: S1/2,  
Section 5: All,  
Section 6: All,  
Section 7: All,  
Section 8: All,  
Section 9: All except SE1/4SE1/4,  
Section 17: N1/2, NE1/4SE1/4, N1/2NW1/4SE1/4, N1/2NE1/4SW1/4,  
NE1/4NW1/4SW1/4, W1/2NW1/4SW1/4, and,  
Section 18: N1/2N1/2, SW1/4NE1/4, NW1/4SE1/4NE1/4,  
E1/2SE1/4NE1/4, E1/2NE1/4SE1/4 and Lot 2,  
NE1/4SW1/4 (a portion containing 1.45 acres, more or less).

Township 13 South, Range 10 East, SLBM  
Section 1: Lots 1-8, S1/2N1/2, SW1/4,  
Section 12: Lot 1, Lots 2-11, W1/2W1/2, NE1/4SW1/4, and  
Section 13: Lot 1 (Portions of BLM ROW UTU-64158).

Township 12 South, Range 11 East, SLBM  
Section 31: Lots 3-6 and Lots 13-22, and  
Section 32: Beginning at the southeast corner of section 31, thence  
north 200', thence east 1320', thence south 200' thence  
west 1320' to the point of the beginning. (About 6.06 acres,  
lease modification of UTU-66060.)

This legal description is for the permit area of the Centennial Mines Complex. The permittee is authorized to conduct underground coal mining activities connected with mining on the foregoing described property subject to the conditions of the leases, the approved mining plan, including all conditions and all other applicable conditions, laws and regulations.

- Sec. 3 COMPLIANCE** - The permittee will comply with the terms and conditions of the permit, all applicable performance standards and requirements of the State program.
- Sec. 4 PERMIT TERM** - This permit expires on January 6, 2002.
- Sec. 5 ASSIGNMENT OF PERMIT RIGHTS** - The permit rights may not be transferred, assigned or sold without the approval of the Director, DOGM. Transfer, assignment or sale of permit rights must be done in accordance with applicable regulations, including but not limited to 30 CFR 740.13(e) and R645-303.
- Sec. 6 RIGHT OF ENTRY** - The permittee shall allow the authorized representative of the DOGM, including but not limited to inspectors, and representatives of OSMRE, without advance notice or a search warrant, upon presentation of appropriate credentials, and without delay to:
- (a) have the rights of entry provided for in 30 CFR 840.12, R645-400-110, 30 CFR 842.13 and R645-400-220; and,
  - (b) be accompanied by private persons for the purpose of conducting an inspection in accordance with R645-400-100 , R645-400-200 and 30 CFR 842, when the inspection is in response to an alleged violation reported by the private person.

- Sec. 7 SCOPE OF OPERATIONS** - The permittee shall conduct underground coal mining activities only on those lands specifically designated as within the permit area on the maps submitted in the mining and reclamation plan and permit application and approved for the term of the permit and which are subject to the performance bond.
- Sec. 8 ENVIRONMENTAL IMPACTS** - The permittee shall minimize any adverse impact to the environment or public health and safety through but not limited to:
- (a) accelerated monitoring to determine the nature and extent of noncompliance and the results of the noncompliance;
  - (b) immediate implementation of measures necessary to comply; and
  - (c) warning, as soon as possible after learning of such noncompliance, any person whose health and safety is in imminent danger due to the noncompliance.
- Sec. 9 DISPOSAL OF POLLUTANTS** - The permittee shall dispose of solids, sludge, filter backwash or pollutants in the course of treatment or control of waters or emissions to the air in the manner required by the approved Utah State Program and the Federal Lands Program which prevents violation of any applicable state or federal law.
- Sec. 10 CONDUCT OF OPERATIONS** - The permittee shall conduct its operations:
- (a) in accordance with the terms of the permit to prevent significant, imminent environmental harm to the health and safety of the public; and
  - (b) utilizing methods specified as conditions of the permit by DOGM in approving alternative methods of compliance with the performance standards of the Act, the approved Utah State Program and the Federal Lands Program.
- Sec. 11 EXISTING STRUCTURES** - As applicable, the permittee will comply with R645-301 and R645-302 for compliance, modification, or abandonment of existing structures.
- Sec. 12 RECLAMATION FEE PAYMENTS** - The operator shall pay all reclamation fees required by 30 CFR Part 870 for coal produced under the permit, for sale, transfer or use.

- Sec. 13 AUTHORIZED AGENT** - The permittee shall provide the names, addresses and telephone numbers of persons responsible for operations under the permit to whom notices and orders are to be delivered.
- Sec. 14 COMPLIANCE WITH OTHER LAWS** - The permittee shall comply with the provisions of the Water Pollution Control Act (33 USC 1151 et seq,) and the Clean Air Act (42 USC 7401 et seq), UCA 26-11-1 et seq, and UCA 26-13-1 et seq.
- Sec. 15 PERMIT RENEWAL** - Upon expiration, this permit may be renewed for areas within the boundaries of the existing permit in accordance with the Act, the approved Utah State Program and the Federal Lands Program.
- Sec. 16 CULTURAL RESOURCES** - If during the course of mining operations, previously unidentified cultural resources are discovered, the permittee shall ensure that the site(s) is not disturbed and shall notify DOGM. DOGM, after coordination with OSMRE, shall inform the permittee of necessary actions required. The permittee shall implement the mitigation measures required by DOGM within the time frame specified by DOGM.
- Sec. 17 APPEALS** - The permittee shall have the right to appeal as provided for under R645-300.

The above conditions (Secs. 1-17) are also imposed upon the permittee's agents and employees. The failure or refusal of any of these persons to comply with these conditions shall be deemed a failure of the permittee to comply with the terms of this permit and the lease. The permittee shall require his agents, contractors and subcontractors involved in activities concerning this permit to include these conditions in the contracts between and among them. These conditions may be revised or amended, in writing, by the mutual consent of DOGM and the permittee at any time to adjust to changed conditions or to correct an oversight. DOGM may amend these conditions at any time without the consent of the permittee in order to make them consistent with any new federal or state statutes and any new regulations.

ACT/007/019  
Permit  
March 18, 1997  
Page 5

THE STATE OF UTAH

By:   
Date: March 18, 1997

I certify that I have read, understand and accept the requirements of this permit and any special conditions attached.

\_\_\_\_\_  
Authorized Representative of  
the Permittee

\_\_\_\_\_  
Date



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

1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

March 13, 1997

Ranvir Singh  
Federal Lands Program  
Office of Surface Mining  
Reclamation and Enforcement  
Western Regional Coordinating Center  
1999 Broadway, Suite 3320  
Denver, Colorado 80202-5733

RE: Incidental Boundary Change - Extension of 100 Feet within Modified Federal Lease UTU-66060, Centennial Mine, Andalex Resources, Inc., ACT/007/019 - 97B, Folder #2, Carbon County, Utah

Dear Mr. Singh:

Pursuant to Article VI, paragraph D, of the State-Federal Cooperative Agreement at 30 CFR 944.30, DOGM is consulting with OSM on whether the following proposed permit amendment requested by Andalex Resources, Inc. for the Centennial Project Mine within the modified boundary of federal lease UTU-66060, would constitute a mining plan modification to the mining plan approved on March 12, 1991. DOGM would process the permit amendment as an incidental boundary change under the State Program.

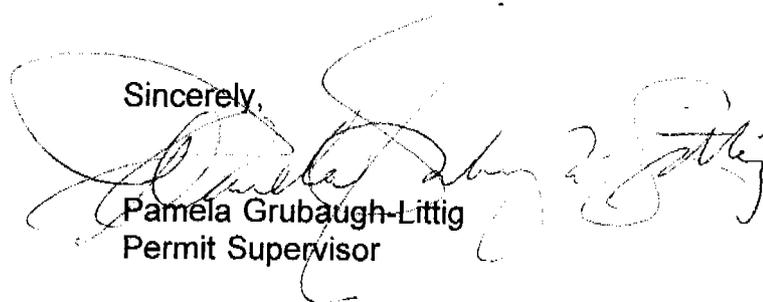
Proposal:

Andalex Resources, Inc. proposes to conduct developmental mining in 2.8 acres within the modified boundary of federal lease UTU-66060, as shown on map entitled "Incidental Boundary Change" and also on Plate 29 (enclosed). During this developmental mining an estimated 14,000 tons of coal is expected to be mined. Andalex Resources, Inc. does not propose any new surface disturbance during the proposed developmental mining.

Incidental Boundary Change  
Centennial Mine  
ACT/007/019-97B  
Page 2

The Division would appreciate an expeditious determination for this permitting action. Thank you.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Pamela Grubaugh-Littig', is written over the typed name. The signature is fluid and somewhat stylized, with a large loop at the end.

Pamela Grubaugh-Littig  
Permit Supervisor

Enclosure

cc: Steve Falk, BLM, Price (w/o)  
Michael Glasson, Andalex Resources, Inc. (w/o)



IN REPLY REFER TO:

# United States Department of the Interior

## OFFICE OF SURFACE MINING

Reclamation and Enforcement  
1999 Broadway, Suite 3320  
Denver, Colorado 80202-5733

March 14, 1997

UTU-0022

Ms. Pamela Grubaugh-Littig  
Utah Division of Oil, Gas and Mining  
1594 West North Temple  
Suite 1210, Box 145801  
Salt Lake City, UT 84114-5801

*Copy Pam : Anon*

RE: Incidental Boundary Change-Extension of 100 Feet within Modified Federal lease UTU-66060, Centennial Project Mine, Andalex Resources, Inc., ACT/007/019-97B, Folder#2, Carbon County, Utah

Dear Ms. Grubaugh-Littig:

#3

I am responding to your letter dated March 13, 1997, that requested OSM determination whether the proposed permit amendment requested by Andalex Resources, Inc. (ARI) for the Centennial Project Mine within the modified boundary of Federal lease UTU-66060, would constitute a modification to the mining plan approved on March 12, 1991. You have indicated that DOGM would process the permit amendment as an incidental boundary change.

ARI has proposed to conduct developmental mining in 2.8 acres of modified Federal lease UTU-66060 to extract 14,000 tons of coal as shown on the maps enclosed with your request. Leasing documents indicate that in 1994 BLM approved a modification of Federal lease UT-66060 to add 160 acres to the previously approved area of 993 acres in the same Federal lease.

Pursuant to the provisions of 30 CFR 746.18(d)(3), OSM has determined that the permit amendment by DOGM for the proposed developmental mining would not require a modification to the previously approved mining plan for Federal lease UTU-66060, because: (i) mining of 14,000 tons would constitute a minor change in several million tons of coal actually available for mining in Federal lease UTU-66060, and (ii) developmental mining would occur in less than 2% of the 160 acres of modified lease area.

Please call me on 303-844-1489 if you have any questions on this subject.

Sincerely,

*Ranvir Singh*

Ranvir Singh, P.E.  
Program Support Division

\*\*\*\*\*  
 \* P. 01 \*  
 \* TRANSACTION REPORT \*  
 \* MAR-17-97 MON 01:52 PM \*  
 \* SEND (M) \*  
 \* DATE START RECEIVER TX TIME PAGES TYPE NOTE M# DP \*  
 \* MAR-17 01:52 PM 18016363605 48" 1 SEND ( M) OK 198 \*  
 \* TOTAL 48S PAGES: 1 \*  
 \*\*\*\*\*



IN REPLY REFER TO:

United States Department of the Interior

OFFICE OF SURFACE MINING

Reclamation and Enforcement  
 1999 Broadway, Suite 3320  
 Denver, Colorado 80202-5733

March 14, 1997

*For Me*

UTU-0022

Ms. Pamela Grubaugh-Littig  
 Utah Division of Oil, Gas and Mining  
 1594 West North Temple  
 Suite 1210, Box 145801  
 Salt Lake City, UT 84114-5801

*Copy For: Person*

RE: Incidental Boundary Change-Extension of 100 Feet within Modified Federal lease UTU-66060, Centennial Project Mine, Andalex Resources, Inc., ACT/007/019-97B, Folder#2, Carbon County, Utah

Dear Ms. Grubaugh-Littig: #3

I am responding to your letter dated March 13, 1997, that requested OSM determination whether the proposed permit amendment requested by Andalex Resources, Inc. (ARI) for the Centennial Project Mine within the modified boundary of Federal lease UTU-66060, would constitute a modification to the mining plan approved on March 12, 1991. You have indicated that DOGM would process the permit amendment as an incidental boundary change.

ARI has proposed to conduct developmental mining in 2.8 acres of modified Federal lease UTU-66060 to extract 14,000 tons of coal as shown on the



IN REPLY REFER TO:

# United States Department of the Interior

## OFFICE OF SURFACE MINING

Reclamation and Enforcement  
1999 Broadway, Suite 3320  
Denver, Colorado 80202-5733

March 14, 1997

*For Me*

UTU-0022

Ms. Pamela Grubaugh-Littig  
Utah Division of Oil, Gas and Mining  
1594 West North Temple  
Suite 1210, Box 145801  
Salt Lake City, UT 84114-5801

*Copy Pam : Khan*

RE: Incidental Boundary Change-Extension of 100 Feet within Modified Federal lease UTU-66060, Centennial Project Mine, Andalex Resources, Inc., ACT/007/019-97B, Folder#2, Carbon County, Utah

Dear Ms. Grubaugh-Littig:

#3

I am responding to your letter dated March 13, 1997, that requested OSM determination whether the proposed permit amendment requested by Andalex Resources, Inc. (ARI) for the Centennial Project Mine within the modified boundary of Federal lease UTU-66060, would constitute a modification to the mining plan approved on March 12, 1991. You have indicated that DOGM would process the permit amendment as an incidental boundary change.

ARI has proposed to conduct developmental mining in 2.8 acres of modified Federal lease UTU-66060 to extract 14,000 tons of coal as shown on the maps enclosed with your request. Leasing documents indicate that in 1994 BLM approved a modification of Federal lease UT-66060 to add 160 acres to the previously approved area of 993 acres in the same Federal lease.

Pursuant to the provisions of 30 CFR 746.18(d)(3), OSM has determined that the permit amendment by DOGM for the proposed developmental mining would not require a modification to the previously approved mining plan for Federal lease UTU-66060, because: (i) mining of 14,000 tons would constitute a minor change in several million tons of coal actually available for mining in Federal lease UTU-66060, and (ii) developmental mining would occur in less than 2% of the 160 acres of modified lease area.

Please call me on 303-844-1489 if you have any questions on this subject.

Sincerely,

*Ranvir Singh*  
Ranvir Singh, P.E.  
Program Support Division

Post-it® Fax Note	7671	Date	3-17-97	# of pages	1
To	Steve Falk	From	Pam-Grubau		
Co./Dept.	BLM	Co.	OGM		
Phone #		Phone #	838-5268		
Fax #	801-636-3605	Fax #	359-3940		

TRANSACTION REPORT

P.01

MAR-11-97 TUE 12:09 PM

SEND (M)

DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
MAR-11	12:07 PM	5333503	1'54"	3	SEND	(M) OK	118	
TOTAL						1M 54S PAGES:	3	



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

Mined Land Reclamation Program  
 1594 West North Temple, Suite 1210  
 Box 145801  
 Salt Lake City, Utah 84114-5801  
 801-538-5268  
 801-359-3940 (Fax)

Parola Grubaugh-Littig  
 Permit Supervisor / Reclamation Engineer

UTAH DIVISION OF OIL, GAS AND MINING  
 FACSIMILE COVER SHEET

*533-3555*

DATE: March 11, 1997

FAX # 533-3503

ATTN: Jim Dykeman

COMPANY: SHPO

FROM: FAM G-L

DEPARTMENT: DOG M

NUMBER OF PAGES BEING SENT (INCLUDING THIS ONE): 3

If you do not receive all of the pages, or if they are illegible, please call (801) 538-

We are sending from a Sharp facsimile machine. Our telecopier



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

Mined Land Reclamation Program  
 1594 West North Temple, Suite 1210  
 Box 145801  
 Salt Lake City, Utah 84114-5801  
 801-538-5268  
 801-359-3940 (Fax)

Pamela Grubaugh-Littig  
 Permit Supervisor / Reclamation Engineer

UTAH DIVISION OF OIL, GAS AND MINING  
 FACSIMILE COVER SHEET

DATE: March 11, 1997  
 FAX #: 801-538-5268 533-3503  
 ATTN: Jim Dykemann  
 COMPANY: SHPO  
 FROM: PAM G-L  
 DEPARTMENT: DOG M

NUMBER OF PAGES BEING SENT (INCLUDING THIS ONE): 3

If you do not receive all of the pages, or if they are illegible, please call (801) 538-

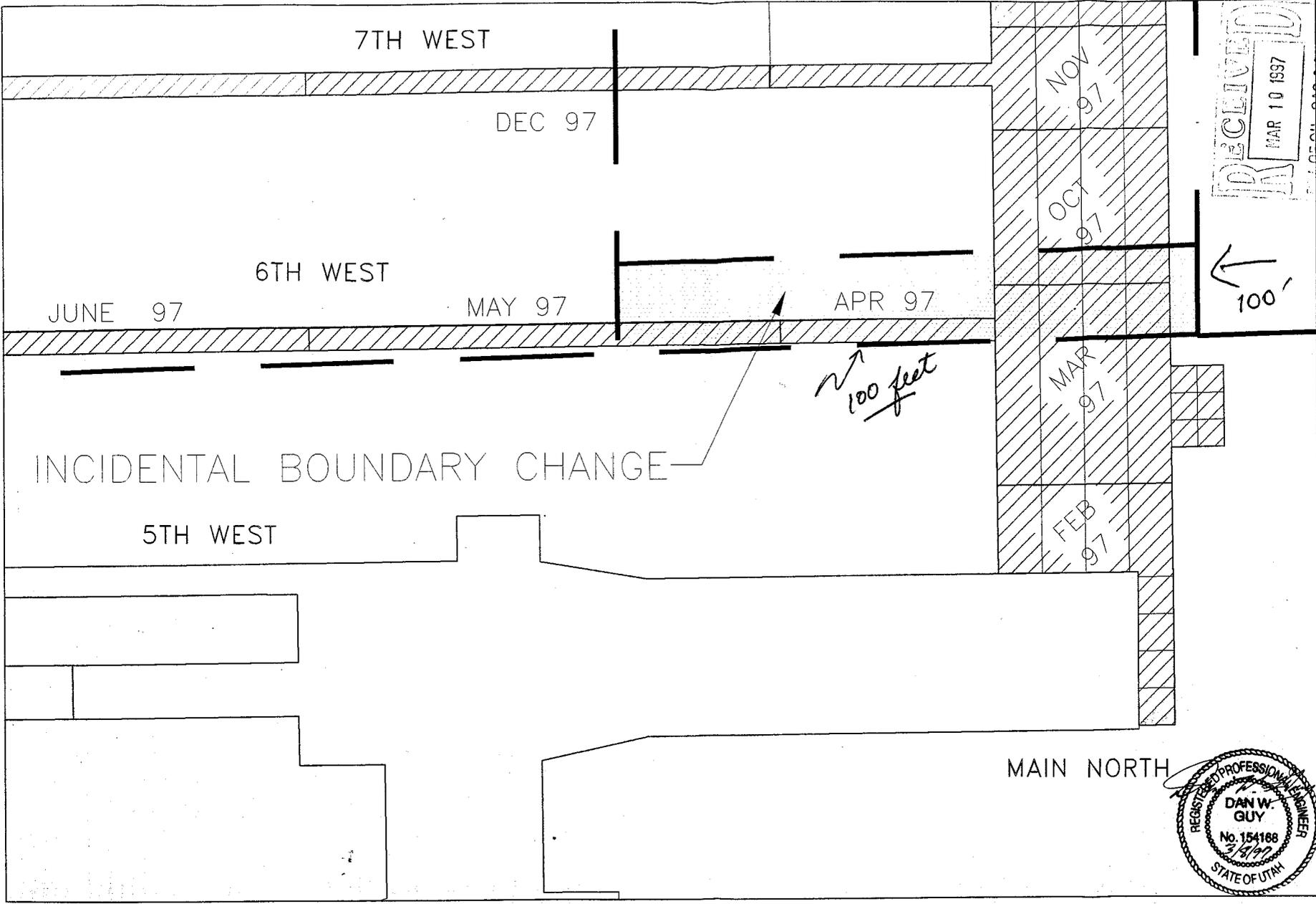
We are sending from a Sharp facsimile machine. Our telecopier number is (801) 359-3940.

MESSAGES:  
Centennial Mine -  
This is part of the 160 Ac IBL.  
100 feet of modified lease UTU-066060  
First mining only / No Surface Effects  
No subsidence

Any questions, please call me.

Important: This message is intended for the use of the individual or entity to which it is addressed and may contain information that is privileged, confidential and exempt from disclosure under applicable law. If the reader of this message is not the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and return this original message to us at the above addressed via regular postal service. Thank you.

PAM



RECEIVED  
MAR 10 1997

**ANDALEX**  
RESOURCES, INC.  
Tower Division

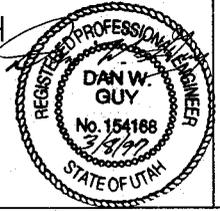


ACAD REF. LEASEMOD.0106

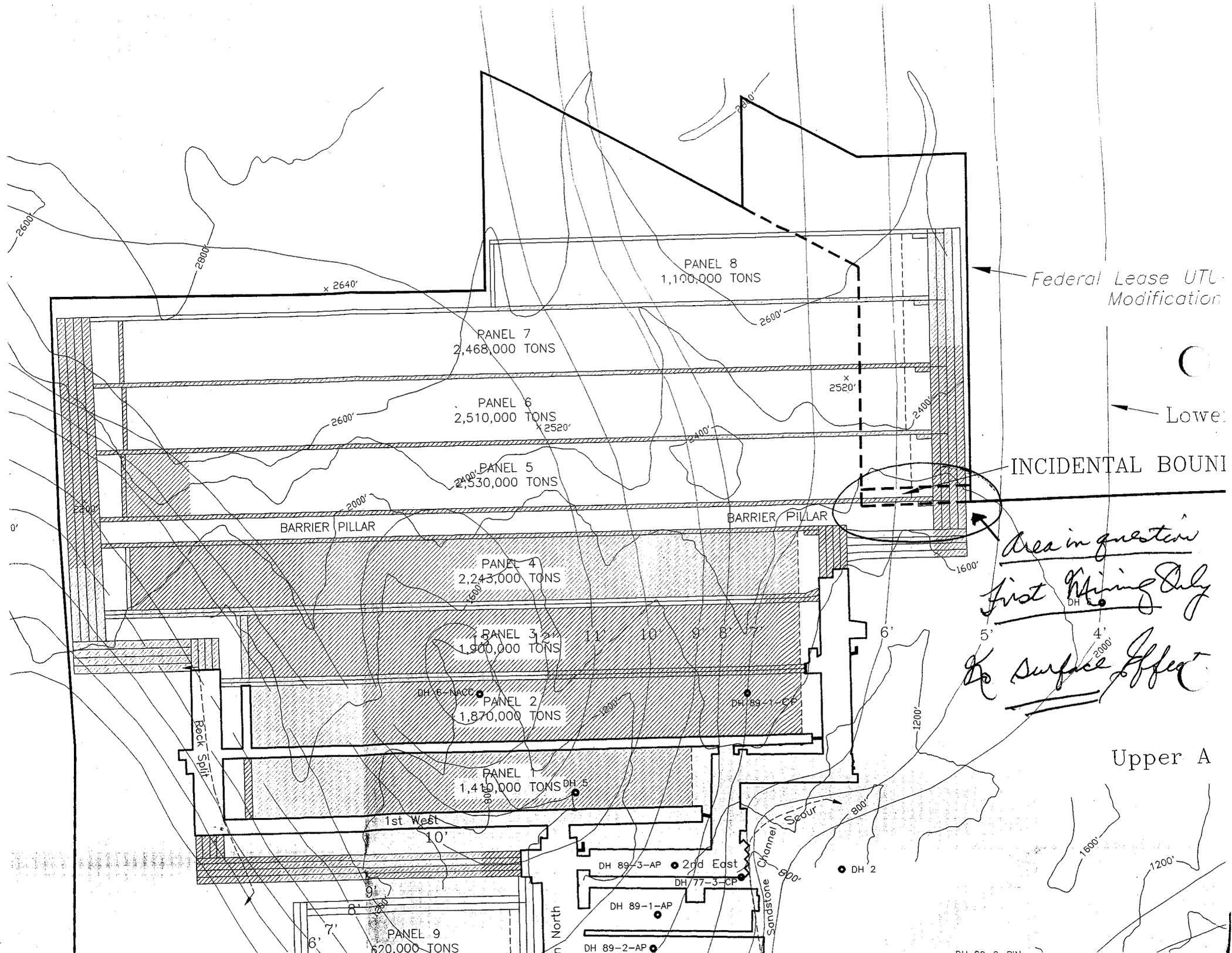
March 7, 1997

SCALE:

Aberdeen Mine  
P.O. Box 902  
Price, Utah 84501



MAIN NORTH





# United States Department of the Interior

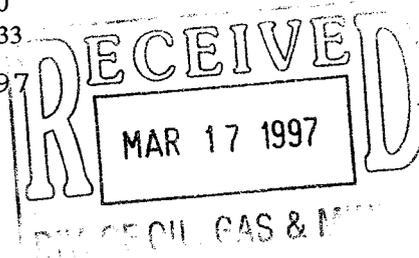
## OFFICE OF SURFACE MINING

Reclamation and Enforcement

1999 Broadway, Suite 3320

Denver, Colorado 80202-5733

March 14, 1997



UTU-0022

IN REPLY REFER TO:

Ms. Pamela Grubaugh-Littig  
Utah Division of Oil, Gas and Mining  
1594 West North Temple  
Suite 1210, Box 145801  
Salt Lake City, UT 84114-5801

RE: Incidental Boundary Change-Extension of 100 Feet within Modified Federal lease UTU-66060, Centennial Project Mine, Andalex Resources, Inc., ACT/007/019-97B, Folder#2, Carbon County, Utah

Dear Ms. Grubaugh-Littig: #3

I am responding to your letter dated March 13, 1997, that requested OSM determination whether the proposed permit amendment requested by Andalex Resources, Inc. (ARI) for the Centennial Project Mine within the modified boundary of Federal lease UTU-66060, would constitute a modification to the mining plan approved on March 12, 1991. You have indicated that DOGM would process the permit amendment as an incidental boundary change.

ARI has proposed to conduct developmental mining in 2.8 acres of modified Federal lease UTU-66060 to extract 14,000 tons of coal as shown on the maps enclosed with your request. Leasing documents indicate that in 1994 BLM approved a modification of Federal lease UT-66060 to add 160 acres to the previously approved area of 993 acres in the same Federal lease.

Pursuant to the provisions of 30 CFR 746.18(d)(3), OSM has determined that the permit amendment by DOGM for the proposed developmental mining would not require a modification to the previously approved mining plan for Federal lease UTU-66060, because: (i) mining of 14,000 tons would constitute a minor change in several million tons of coal actually available for mining in Federal lease UTU-66060, and (ii) developmental mining would occur in less than 2% of the 160 acres of modified lease area.

Please call me on 303-844-1489 if you have any questions on this subject.

Sincerely,

*Ranvir Singh*  
Ranvir Singh, P.E.  
Program Support Division



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Moab District  
Price River/San Rafael Resource Area  
125 South 600 West  
Price, Utah 84501

3482  
U-66060  
(UT-066)

Pamela Grubaugh-Littig  
State of Utah  
Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Salt Lake City, Utah 84114-5801

**MAR 17 1997**

Re: Incidental Boundary Change, 160 Acre Lease Modification, Centennial Mine, Andalex Resources, Inc., ACT/007/019-97B

Dear Ms. Grubaugh-Littig:

The Bureau of Land Management has received from your office a copy of the submission for the subject permit change. The addition of 160 acres to Federal coal lease U-66060 requires a modified resource recovery and protection plan (R2P2) as part of the permit modification. Our review of Andalex's submission follows:

The submission has been reviewed and it contains all necessary requirements of the R2P2. The 160-acre addition to the lease will allow Andalex to mine main entries north along the area where the "A" seam thickness pinches out, thus mining to the limits of the minable coal. This submission includes the mining plans for Andalex's immediate need to mine just into the new lease modification for the start-up development for the next longwall panel. This immediate development is critical due to a major panel reconfiguration to protect from dangerous coal bounces.

The BLM has determined that the R2P2 changes for the 160-acre lease modification, including the Immediate main entry development, meets the requirements of the Mineral Leasing Act of 1920, as amended, the regulations at 43 CFR 3480, the lease terms and conditions, and will achieve maximum economic recovery of the Federal coal. If you have any questions, please contact Stephen Falk of my staff at 636-3600.

Sincerely,

*Mark E. Bailey*  
Act. Area Manager

cc: UT-921, Utah State Office  
Andalex Resources, Inc.  
P. O. Box 902  
Price, Utah 84501



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

1594 West North Temple, Suite 1210  
 Box 145801  
 Salt Lake City, Utah 84114-5801  
 801-538-5340  
 801-359-3940 (Fax)  
 801-538-7223 (TDD)

February 21, 1997

160 AC - 97C  
 100 ft  
 extension  
 97B

Jim Muck  
 U. S. Fish and Wildlife Service  
 Lincoln Plaza  
 145 E. 1300 S. Ste. 404  
 Salt Lake City, Utah 84115

Re: Incidental Boundary Change, Andalex Resources Inc., Centennial Mine,  
 ACT/007/019, Folder #2, Carbon county, Utah

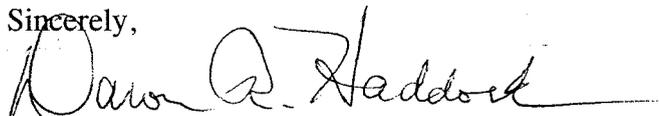
Dear Mr. Muck:

The Division has received an application to increase the permit area of the Centennial Mine by 160 acres. This increase is considered an Incidental Boundary Change and is within Federal Lease U-66060, which was modified in 1994 by the Bureau of Land Management. The enclosed map provides a description of the area to be added.

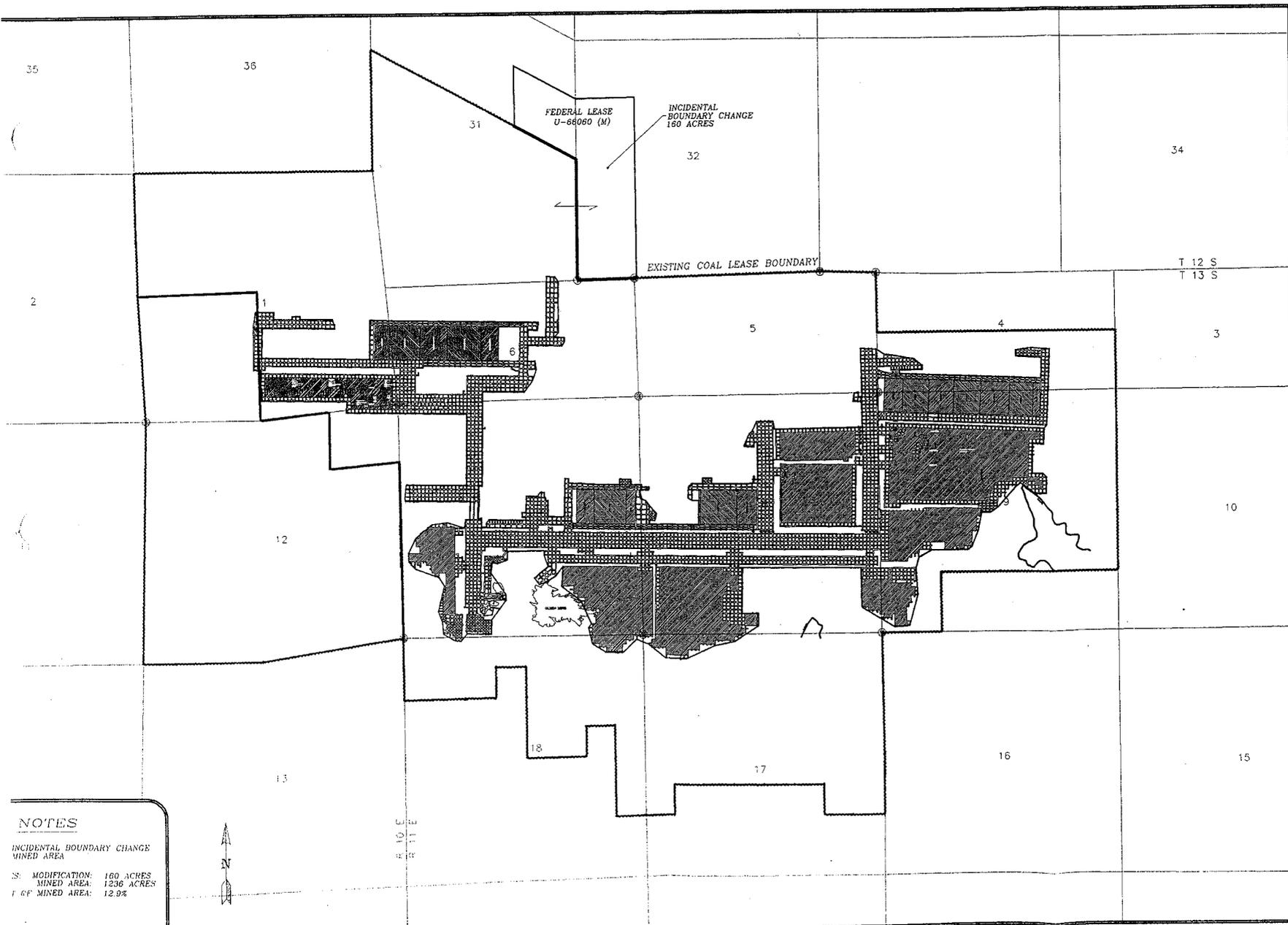
Mining in this area will be done as an extension of the existing underground mine. No new surface disturbance is planned. It is the Division's opinion that no wildlife species will be impacted by this action, however we will need your concurrence for federal mine plan approval. Andalex has informed us that they need to mine in this area soon otherwise they may have to bypass coal reserves. Could you please provide your comments as quickly as possible?

If you have questions regarding this action, please contact Paul Baker at 538-5261. Thank you for your help with this project.

Sincerely,

  
 Daron R. Haddock  
 Permit Supervisor

Enclosure  
 cc: P. Baker  
 Mary Ann Wright  
 P. Grubaugh-Littig



SCALE: 500' 0" 1000' 2000'

ACAD REF: ACREMAP

OCTOBER 28, 1998

TOWER DIVISION

INCIDENTAL BOUNDARY CHANGE

**NOTES**

INCIDENTAL BOUNDARY CHANGE  
MINED AREA

S: MODIFICATION: 160 ACRES  
MINED AREA: 1296 ACRES  
P OF MINED AREA: 12.9%