

TRACKING FORM

I. KEY FEATURES OF PERMITTEE'S AMENDMENT APPLICATION

Permittee Andalex	Mine Name Centennial	Amendment # ACT10071019-97A	Date Received / By 1-27-97 <i>Hand delivered from Phil</i>
Proposal: Topsoil Substitute			
Description: use vegetative cover as erosion control rather than straw bales to save work + cost. ASAP.			

II. AMENDMENT CLASSIFICATION

<input type="checkbox"/> Major Amendment	Public Notice Required	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<input checked="" type="checkbox"/> Minor Amendment	Outside of Permit Area	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
	Outside of Disturbed Area	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

III. SUMMARY OF DOGM PROCESSING DATES

Reviews Completed	1/31/97	FOLLOWUP REQUIREMENTS	
Approved Effective	1/31/97	MRP "After Const" Documents	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Disapproved		TA	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mailed	2/3/97	CHIA	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Filed MRP - SLO		Responds Within 15 days of Receipt? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If no, explain below.	

IV. COORDINATED REVIEWS

EXTERNAL AGENCIES (Mine Specific) <small>(Adverse Comments, if Any, Include in Item V)</small>	DOGM REVIEWS/DISCIPLINES		
	COPY SENT	CONTACTED	
OSM	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> C <input checked="" type="checkbox"/> N/A	Generalists <input checked="" type="checkbox"/> Yes <input type="checkbox"/> N/A
BLM	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> C <input checked="" type="checkbox"/> N/A	INTERDISCIPLINARY APPROACH
US Forest Service	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> C <input checked="" type="checkbox"/> N/A	- Administrative <input type="checkbox"/> Yes <input type="checkbox"/> N/A
US Fish & Wildlife	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> C <input checked="" type="checkbox"/> N/A	- Biology <input type="checkbox"/> Yes <input type="checkbox"/> N/A
US National Parks	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> C <input checked="" type="checkbox"/> N/A	- Engineering <input type="checkbox"/> Yes <input type="checkbox"/> N/A
UT Environmental Quality	<input type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> C <input type="checkbox"/> N/A	- Geology <input type="checkbox"/> Yes <input type="checkbox"/> N/A
UT Wildlife Resources	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> C <input checked="" type="checkbox"/> N/A	- Hydrology <input type="checkbox"/> Yes <input type="checkbox"/> N/A
UT State History	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> C <input checked="" type="checkbox"/> N/A	- Soils <input type="checkbox"/> Yes <input type="checkbox"/> N/A
UT Water Rights	<input type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> C <input type="checkbox"/> N/A	- Permitting <input type="checkbox"/> Yes <input type="checkbox"/> N/A
UT SITLA	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> C <input checked="" type="checkbox"/> N/A	- Other <input type="checkbox"/> Yes <input type="checkbox"/> N/A
Other	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> C <input type="checkbox"/> N/A	

V. FOOTNOTES/ADDITIONAL EXPLANATION AS NECESSARY

INCORPORATED

EFFECTIVE:

JAN 31 1997

OXA

UTAH DIVISION OIL, GAS AND MINING
PRICE FIELD OFFICE



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210

P.O. Box 145801

Salt Lake City, Utah 84114-5801

(801) 538-5340

(801) 359-3940 (Fax)

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

February 3, 1997

Mike Glasson
Senior Geologist
Andalex Resources Inc
P.O. Box 902
Price, Utah 84501

RE: Substitute Topsoil Protection by Using Vegetation, Centennial Mine, Andalex Resources Inc., ACT/007/019-97A, Folder #3, Carbon County, Utah

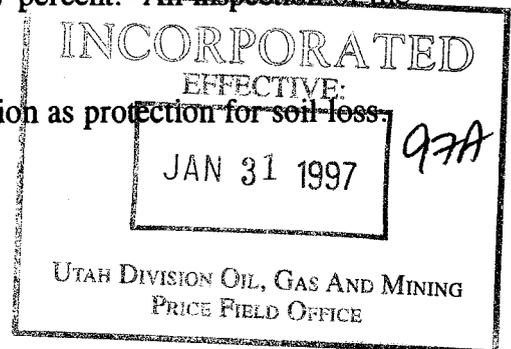
Dear Mr. Glasson:

ANALYSIS

The permittee has requested to use vegetative cover for protecting the substitute topsoil. This pile will be used for reclamation of the site. At the present time, the substitute topsoil is being protected by using straw bales butted together in a line and anchored by roof bolts. This method has been used since the pile was developed in 1982 (15 years ago). The pile was seeded at that time. The permittee has taken a vegetation study identifying ground cover of nearly 92 percent. The study also ran Sed Cad for sediment loss and reported no major loss of sediment.

FINDINGS

- A) The permittee has demonstrated, by Sed Cad, that there is no major loss of substitute topsoil.
- B) The ground cover of the substitute topsoil pile was 91.7 percent. ~~An inspection of the pile showed no visible signs of erosion.~~
- C) The TA should be updated reflecting the use of vegetation as protection for soil loss.



Page 2

M. Glasson

Topsoil Substitute - 97A

February 3, 1997

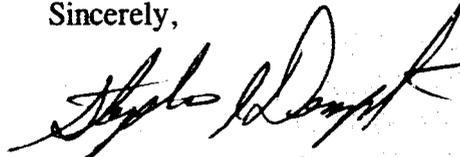
APPROVAL/DISAPPROVAL

The amendment ACT/007/019-97A to use vegetative cover for sediment control of the substitute topsoil is approved as of January 31, 1997.

CONDITION

This approval is conditional. The substitute topsoil pile is approved as long as the substitute topsoil pile vegetation stays the same or improves, but does not decline. Thereby, the demonstration in the Mt. Nebo report would not be valid if the vegetation loss increases. If condition become worse the permittee will use straw bales as before.

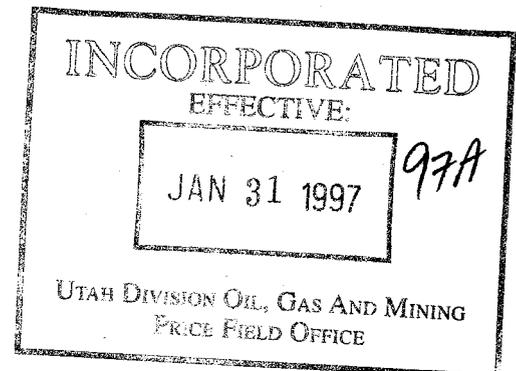
Sincerely,



Stephen J. Demczak
Reclamation Specialist III

sd
Enclosures

cc: Ranvir Singh, OSM, Denver
Richard Manus, BLM, Price
Mark Page, Water Rights, Price, w/o enc
Dave Ariotti, DEQ, Price, w/o enc
Bill Bates, DWR, Price, w/o enc
Joe Helfrich, DOGM, SLC
Pam Grubaugh-Littig, DOGM, SLC, w/o enc

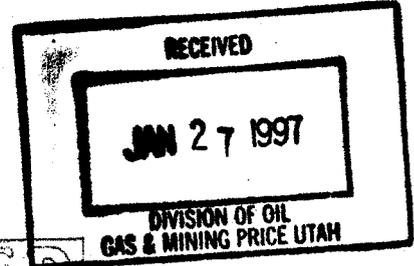




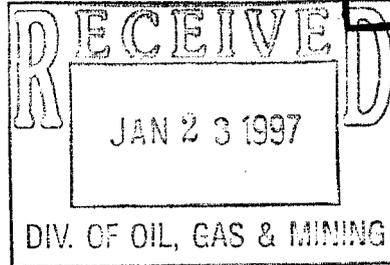
ANDALEX
RESOURCES, INC.
Tower Division

P.O. BOX 902
PRICE, UTAH 84501
PHONE (801) 637-5385
TELECOPIER (801) 637-8860

January 18, 1996



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



Dear Ms. Littig,

97A

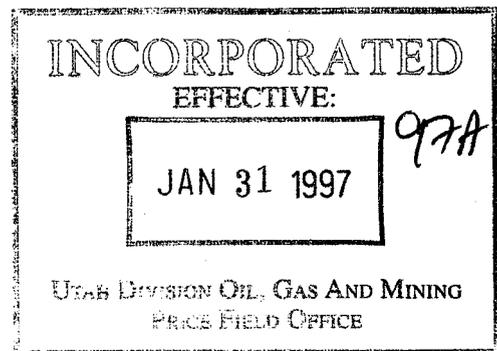
The enclosed study performed by Mr. Patrick Collins of Mt. Nebo Scientific is to be inserted into ANDALEX Resources' MRP as Appendix V. The purpose of this study is to demonstrate that the substitute topsoil storage area located at the Centennial minesite (ACT 007/019) is adequately protected from erosion through vegetative cover and no longer requires the use of straw bales to protect against soil loss through erosion

We appreciate your review of this matter and we will look forward to your approval or questions.

Sincerely,

Michael W. Glasson
Senior Geologist

Enclosure



APPLICATION FOR PERMIT CHANGE

Title of Change:

TOPSOIL SUBSTITUTE AMENDMENT.

Permit Number: **ACT/007/019**

Mine: **CENTENNIAL PROJECT**

Permittee: **ANDALEX RESOURCES, INC**

Description, include reason for change and timing required to implement:

USE VEGETATIVE COVER AS EROSION CONTROL RATHER THAN STRAW BALES TO SAVE WORK AND COST. ASAP

- Yes No 1. Change in the size of the Permit Area? _____ acres increase decrease.
- Yes No 2. Change in the size of the Disturbed Area? _____ acres increase decrease.
- Yes No 3. Will permit change include operations outside the Cumulative Hydrologic Impact Area?
- Yes No 4. Will permit change include operations in hydrologic basins other than currently approved?
- Yes No 5. Does permit change result from cancellation, reduction or increase of insurance or reclamation bond?
- Yes No 6. Does the permit change require or include public notice publication?
- Yes No 7. Does the permit change require or include ownership, control, right-of-entry, or compliance information?
- Yes No 8. Permit change as a result of a Violation? Violation # _____
- Yes No 9. Permit change as a result of Division Order? D.O. # _____
- Yes No 10. Permit change as a result of other laws or regulations or policies? Explain: _____
- Yes No 11. Does the permit change affect the surface landowner or change the post mining land use?
- Yes No 12. Does permit change require or include underground design or mine sequence and timing? (Modification of R2P2?) _____
- Yes No 13. Does permit change require or include collection and reporting of any baseline information? **INCORPORATED**
- Yes No 14. Could the permit change have any effect on wildlife or vegetation outside the current disturbed area? **97A**
- Yes No 15. Does permit change require or include soil removal, storage or placement? **JAN 31 1997**
- Yes No 16. Does permit change require or include vegetation monitoring, removal or revegetation activities?
- Yes No 17. Does permit change require or include construction, modification, or removal of surface facilities? **U.S. DIVISION OF OIL, GAS AND MINING**
- Yes No 18. Does permit change require or include water monitoring, sediment or drainage control measures? **PRICE FIELD OFFICE**
- Yes No 19. Does permit change require or include certified designs, maps, or calculations?
- Yes No 20. Does permit change require or include subsidence control or monitoring? **RECEIVED**
- Yes No 21. Have reclamation costs for bonding been provided for any change in the reclamation plan? **JAN 27 1997**
- Yes No 22. Is permit change within 100 feet of a public road or perennial stream or 500 feet of an occupied dwelling?
- Yes No 23. Is this coal exploration activity?

Attach 5 complete copies of proposed permit change as it would be incorporated into the Mining and Reclamation Plan.

I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments, undertakings and obligations herein.

Michael W. Hanson Sr. Geol. 1/27/97
Signed - Name - Position - Date

Subscribed and sworn to before me this 27 day of Jan
Barbara F. Lemetakis
Notary Public
My Commission Expires: 1-27-00
Attest: STATE OF Utah
COUNTY OF Carbon

BARBARA FLEMETAKIS
NOTARY PUBLIC - STATE of UTAH
CARBON COUNTY CLERK/AUDITOR
120 EAST MAIN STREET
PRICE, UTAH 84501
COMM. EXP. 7-1-00

RECEIVED
JAN 27 1997
DIVISION OF OIL
GAS & MINING PRICE UTAH
Received by Oil, Gas & Mining
JAN 28 1997
DIV. OF OIL, GAS & MINING
ASSIGNED PERMIT CHANGE NUMBER
97A

The completed disturbance which reports to sedimentation Pond E is 9.96 acres. Please review the top soil summaries which show totals.

The new substitute topsoil pile plan and profile is included.

The new substitute topsoil will be protected by the use of vegetation.

Disturbed areas no longer required for the conduct of mining operations have been revegetated. Upon completion of mining activities, topsoil will be distributed and reclamation will commence as outlined. Andalex will adhere to all UDOGM guidelines.

R645-301-220. ENVIRONMENTAL DESCRIPTION

Appendix M.

R645-301-221. PRIME FARMLAND INVESTIGATION

Appendix M

R645-301-222. SOIL SURVEY

Appendix M

R645-301-222.100. SOIL MAP

Plate 18

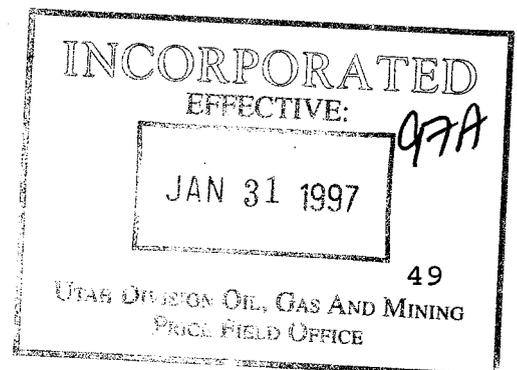
R645-301-222.200. SOIL IDENTIFICATION

Appendix M

R645-301-222.300. SOIL DESCRIPTION

Appendix M

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



R645-301-230. OPERATION PLAN

Topsoil Handling During Operations

Removal

The area from which topsoil has been removed is 34.2 acres and includes poorly developed soils. Using dozers and front end loaders, the soil was scraped from the surface and dumped at a site near the facility location. The topsoil was removed as a separate operation from areas to be disturbed by surface installations such as roads and areas upon which support facilities are sited. Approximately 750 cubic yards of topsoil will be stored in the left hand fork of Deadman Canyon for use during reclamation of the left fork fan installation. (See Plate LF-1.)

Storage

The topsoil storage areas are shown on Plate 6. The topsoil has been segregated, stockpiled, and protected from wind and water erosion and contaminants through revegetation and the use of berms.

Surveys conducted on the topsoil piles which were drawn into plans and profiles are now included in the plan in Volume II, Plates 37 and 36. This shows volumes stored currently.

The completed disturbance which reports to sedimentation Pond E is 9.96 acres. Please review the top soil summaries which show totals and deficiencies in R645-301-224.

The new substitute topsoil pile plan and profile is included.

The new substitute topsoil will be protected by the use of vegetation.

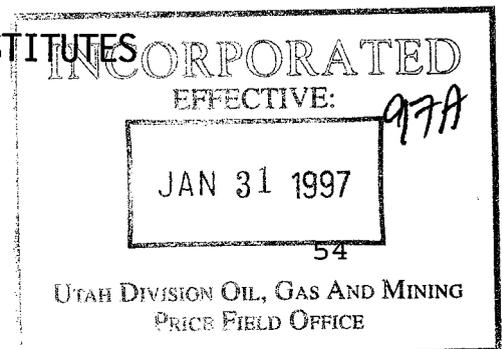
R645-301-231. GENERAL REQUIREMENTS

R645-301-231.100 REMOVAL AND STORAGE

See R645-301-212.

R645-301-231.200. SUITABILITY OF TOPSOIL SUBSTITUTES

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





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)

January 24, 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: Updated List of Violations for Mining Plan, Centennial Mine, Andalex Resources, Inc., ACT/007/019, Folder #2, Carbon County, Utah

Dear Mr. Singh:

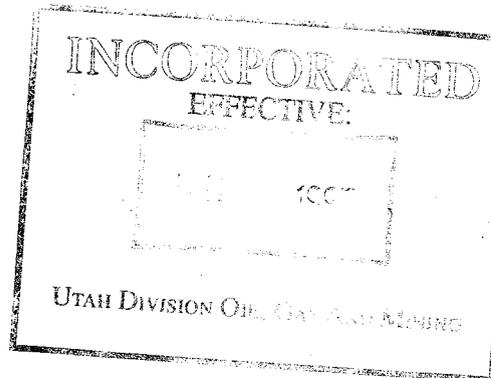
I am enclosing an updated list of the violations for the Centennial Mine mining and reclamation plan. This list was submitted as part of the permit renewal for the Centennial Mine, effective January 5, 1997.

Sincerely,


Pamela Grubaugh-Littig
Permit Supervisor

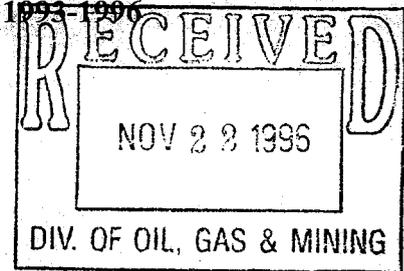
Enclosure

cc: Richard Manus, BLM, Price
Price Field Office



11/07/96

**LIST OF VIOLATIONS RECEIVED BY
GENWAL RESOURCES, INC. OPERATIONS 1993-1996**



VIOLATION HISTORY FORMAT KEY:

1. ISSUING AGENCY
2. DATE OF ISSUANCE
3. DESCRIPTION OF VIOLATION
4. CURRENT STATUS OF PROCEEDINGS
5. ACTIONS TAKEN TO ABATE VIOLATION

-
1. DOGM
 2. N93-43-1-1 was issued on 9/23/93
 3. Install 12" cmp without DOGM approval
 4. Violation abated on 9/28/93
 5. Permit changes submitted and approved

-
1. DOGM
 2. N95-46-1-1 was issued on 3/9/95
 3. Undisturbed diversion pipe was broken
 4. Violation abated on 3/17/95
 5. Pipe was repaired

-
1. DOGM
 2. N95-47-1-1 was issued on 8-23-95
 3. Sediment pond spillway was above embankment
 4. Violation abated on 9/29/95
 5. Embankment was built back up

-
1. DOGM
 2. N96-39-3-1 was issued on 10-17-96
 3. Pond clean out spill off of permit area
 4. Violation abated on 10/17/96
 5. Spill material was removed and area seeded

-
1. DOGM
 2. N96-39-4-1 was issued on 10/17/96
 3. Water monitoring report did not have field & flow measurements
 4. Hinderance violation, not abatable
 5. No abatement

