



5-16-88
 STATE OF UTAH
 NATURAL RESOURCES
 Oil, Gas & Mining

sch
 Norman H. Bangerter, Governor
 Dee C. Hansen, Executive Director
 Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

INSPECTION REPORT

INSPECTION DATE & TIME: April 21, 1988
9:30 a.m. to 3:00 p.m.

Permittee and/or Operators Name: Andalex Resources
 Business Address: P. O. Box 902 Price, Utah 84501
 Mine Name: Centennial Project Permit Number: ACT/007/019
 Type of Mining Activity: Underground Surface Other
 County: Carbon State: Utah
 Company Official (s): Mike Glasson
 State Official(s): Daron Haddock
 Partial: Complete: Date of Last Inspection: Mar. 3, 1988
 Weather Conditions: Cloudy, cold, wet
 Acreage: Permitted 2360 Disturbed 30.7 Regraded Seeded Bonded 30.7
 Enforcement Action: None

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

	YES	NO	N/A	COMMENTS
1. PERMITS	(X)	()	()	(X)
2. SIGNS AND MARKERS	(X)	()	()	(X)
3. TOPSOIL	(X)	()	()	()
4. HYDROLOGIC BALANCE:				
a. STREAM CHANNEL DIVERSIONS	()	()	(X)	()
b. DIVERSIONS	(X)	()	()	(X)
c. SEDIMENT PONDS AND IMPOUNDMENTS	(X)	()	()	(X)
d. OTHER SEDIMENT CONTROL MEASURES	(X)	()	()	()
e. SURFACE AND GROUNDWATER MONITORING	(X)	()	()	(X)
f. EFFLUENT LIMITATIONS	(X)	()	()	(X)
5. EXPLOSIVES	(X)	()	()	()
6. DISPOSAL OF DEVELOPMENT WASTE AND SPOIL	(X)	()	()	()
7. COAL PROCESSING WASTE	()	()	(X)	()
8. NONCOAL WASTE	(X)	()	()	(X)
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	(X)	()	()	()
10. SLIDES AND OTHER DAMAGE	(X)	()	()	()
11. CONTEMPORANEOUS RECLAMATION	(X)	()	()	()
12. BACKFILLING AND GRADING	()	()	(X)	()
13. REVEGETATION	(X)	()	()	()
14. SUBSIDENCE CONTROL	(X)	()	()	(X)
15. CESSATION OF OPERATIONS	()	()	(X)	()
16. ROADS				
a. CONSTRUCTION	(X)	()	()	(X)
b. DRAINAGE CONTROLS	(X)	()	()	()
c. SURFACING	(X)	()	()	()
d. MAINTENANCE	(X)	()	()	()
17. OTHER TRANSPORTATION FACILITIES	(X)	()	()	()
18. SUPPORT FACILITIES				
UTILITY INSTALLATIONS	(X)	()	()	()

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(Comments are Numbered to Correspond with Topics Listed Above)

GENERAL COMMENTS:

The site was covered in approximately 3 inches of wet snow overnight. Much of the snow is melting and the ground is wet.

1. PERMITS:

A State permit renewal for ACT/007/019 was issued March 2, 1987, on the condition that a new reformatted MRP be submitted to DOGM by March 24, 1987. However, upon the operators request, the date was extended to March 10, 1988. The actual submittal of the reformat MRP was made on March 11, 1988 and is currently under review by DOGM.

A federal permit, UT-0022, was issued March 4, 1987.

Mr. Glasson produced a certificate of liability insurance showing policy ZY- 51875 by the Old Republic Insurance Co. to be in effect from July 1, 1987 until cancelled.

The operators reclamation bond in the amount of \$381,839.00 is held through Utica Mutual Insurance Company and covers 30.7 acres of disturbance.

The operator's SPCC plan was certified by a registered professional engineer on June 24, 1987.

2. SIGNS AND MARKERS:

Disturbed area perimeter markers (orange steel posts) are in place. Mine and permit identification signs are also in place. Topsoil piles are clearly marked.

4b. DIVERSIONS:

Recent precipitation has produced a lot of water which is flowing over the mine site and in many of the ditches and culverts. All of the diversions are passing the flow with no problems. A few of the culverts will require some maintenance this spring to clean sediment and debris from the inlets and outlets. In particular the culvert just east of the picnic area and the culvert on the west side of the Apex loadout, each have approximately 6 inches of debris in the inlets. Also the 42 inch mine by-pass culvert is reduced to 26 inches by sediment at the outlet.

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4c. SEDIMENT PONDS AND IMPOUNDMENTS:

The site has 3 sediment ponds; A, B, and C, all of which were certified by Dan Guy a Professional Engineer on January 3, 1985. Pond inspections have been performed on the following dates and have shown no problems. 3/31/88, 12/30/87, 9/15/87, 7/27/87

Pond B is still approximately half full of sediment from a precipitation event that happened last fall. Plans are to have it cleaned later this spring when construction of the Aberdeen portals begins. The upper dike in the pond will be repaired at that time as well.

4e. SURFACE AND GROUND WATER MONITORING:

The following stations are monitored quarterly for ground water:

S 18-1 - has complete analysis for 4th quarter 1987; all other quarters of 1987 show no flow.

S 25-1 - has complete analysis for 3rd quarter 1987; all other quarters of 1987 show no flow.

Well #1 - has complete analysis for all quarters of 1987.

The following stations are monitored quarterly for surface water. All showed no flow for all quarters of 1987.

7-1	8-1	18-2
18-3	18-4	25-2

4f. EFFLUENT LIMITATIONS:

The NPDES Permit, UT-0023507 was issued March 23, 1982. Although expired, Andalex is still operating under the terms of this permit as per letter of authority dated December 4, 1986.

The NPDES reports show there has been no discharge from the mine during all of 1987.

8. NONCOAL WASTE:

A private contractor is hired to haul all noncoal waste from the site.

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14. SUBSIDENCE:

A subsidence survey was completed on May 22, 1987 by Bruce T. S. Ware a registered land surveyor. The survey report was submitted with the annual report and showed no significant movement of the survey monuments.

16a. ROAD CONSTRUCTION:

As-built designs of the haul road were certified on January 11, 1988 by professional engineer Dan Guy.

Copy of this Report:

Mailed to: Mike Glasson, Andalex

Mailed to SLC for: Brian Smith, OSM; Joe Helfrich, DOGM

Filed to: PFO

Inspectors Signature and Number: Daron R. Haddock #28 Date: April 26, 1988

**VACATION / TERMINATION OF
 NOTICE OF VIOLATION / CESSATION ORDER**

To the following Permittee or Operator:

Name Andalex Resources

Mailing Address PO Box 902 Price, UT 84501

State Permit No. ACT/007/019

Utah Coal Mining & Reclamation Act, Section 40-10-1 et seq., *Utah Code Annotated* (1953):

Notice of Violation No. N 87-9-17-1 dated 12-23, 19 87.

Cessation Order No. C _____ dated _____, 19 _____.

Part 1 of 1 is vacated terminated because According to Susan Linner/Permit Supervisor, the operator has submitted the required plan material. The material was received by

Part _____ of _____ is vacated terminated because the Division by the deadline designated on the 2-28-88 modification notice. The termination date is 3-10-88.

Part _____ of _____ is vacated terminated because _____

Date of service/ mailing 3-18-88 Time of service/ mailing 4:30 a.m. p.m.

Date of Inspection none required (permitting issue)

Michael Glasson
 Permittee/Operator representative

Senior Geologist
 Title

mailed from Division office
 Signature

Holland Shephard
 Division of Oil, Gas & Mining
Holland Shephard
 Signature

Reclamation Specialist #9
 Title