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STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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: July 17, 1989
9:00 a.m. to 3:30 p.m.

Permittee and/or Operators Name: Andalex Resources, Inc.
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: June 29, 1989
Weather Conditions: Sunny, Hot, Dry
Acreage: Permitted 2370 Disturbed 34.2 Regraded Seeded Bonded 30.7
Enforcement Action: None

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

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

INSPECTION REPORT
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PERMIT NUMBER: ACT/007/019

DATE OF INSPECTION July 17, 1989

(Comments are Numbered to Correspond with Topics Listed Above)

1. PERMITS:

Andalex Resources Inc. was issued a revised permit on May 4, 1989 which incorporates three federal lease modifications and the addition of one new federal lease and one fee lease. The revised permit still expires on the original permit expiration date of January 4, 1992. There were three stipulations attached to the permit which are still under review. The operator is currently in the process of responding to the stipulations, as well as supplying maps and plans for the Aberdeen surface facilities. All are due on August 7, 1989. (A NOV was issued on July 7, 1989 for not submitting the information as required.)

3. TOPSOIL:

A small amount of topsoil has been placed on the storage area near the mine office. This topsoil came from the parking area built for the Aberdeen mine. A protective berm has been installed below the pile and revegetation is planned for later this fall.

The office pad area was previously designated for small area exemption status. Drainage from the office pad area has now been routed to the new sediment pond but the topsoil pile still drains to the undisturbed. Revised small area exemption status for this area should be submitted.

4b. DIVERSIONS

Most ditches and culverts at the site are in good condition. A couple of ditches could use some preventative maintenance work to insure their condition continues to meet the performance standards. These are the ditch north of the pinnacle bathhouse and the ditch just west of the Apex topsoil pile.

4c. SEDIMENT PONDS AND INPOUNDMENTS:

Drainage to the sediment ponds has been very limited due to the dry weather this summer. None of the ponds contain water. Self inspections for ponds B, C, and E were done on June 29, 1989.

There has been a question as to whether or not pond E would be considered a MSHA structure due to the embankment height. The operator checked with MSHA during the inspection and the determination was made that it would not be classified as a MSHA pond. (The pond is partially incised.)

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4c. SEDIMENT PONDS AND IMPOUNDMENTS: (continued)

Construction of the Aberdeen mine has changed the outslope of pond C. The operator is having the as-built designs revised to reflect the new condition.

4d. OTHER SEDIMENT CONTROL:

New straw bales have been installed in many of the ditches throughout the mine site.

4e. SURFACE AND GROUNDWATER MONITORING:

Monitoring records for the 1st quarter of 1989 were submitted on April 7, 1989. Stations 7-1, 8-1, 18-1, 18-2, 18-3, and 18-4 showed no flow. Stations 25-1, and 25-2 could not be accessed. The only sample collected was from Well #1. A full suite of parameters was analyzed.

4f. EFFLUENT LIMITATIONS:

The operator has received a new NPDES permit which is the Utah General Permit for Coal Mining, UTG-040008. It goes into effect on August 1, 1989 and the operators previous permit, UT-0023507, will be inactivated.

Andalex had no discharge during the first quarter of 1989. Mr. Glasson indicated that during the 2nd quarter the mine had encountered water and therefore periodically discharged. Samples have been submitted for analysis but no results are available at this time. There was no discharge during this inspection.

5. EXPLOSIVES:

Explosives were used on April 13, 1989 to aid in recent construction of the Aberdeen mine. At 12:30 p.m. a charge using 3 lbs. of explosive was set off and at 2:30 p.m. a second charge using 75 lbs. of explosive was detonated. Blasting records indicate that the work was done by Reid Dimick, a certified blaster, Liscence No. 529-84-3823.

6. DEVELOPMENT WASTE AND SPOIL DISPOSAL:

All development material from the Aberdeen construction is being used as fill for the coal pad and storage areas.

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13. REVEGETATION:

Very little vegetation is growing on the Aberdeen sediment pond or topsoil pile due to the extreme dry weather conditions. Seeding and mulching will be done this coming fall, during more favorable weather conditions.

14. SUBSIDENCE CONTROL:

A subsidence survey has been completed by registered surveyor, Bruce Ware. A report has not been compiled as yet.

17. OTHER TRANSPORTAION FACILITIES:

Coal loading and conveying systems for the Aberdeen mine are yet to be installed.

Copy of this Report:

Mailed to: Mike Glasson

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

Filed to: PFO

Inspectors Signature and Number: Daron R. Haddock #28 Date: 8-3-89