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State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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INSPECTION REPORT

INSPECTION DATE & TIME: 10-16-91
9:00 A. M. to 5:00 P. M.

Permittee and/or Operator's 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
Company Official(s): Jean Semborski State Officials(s): Paul Baker and Priscilla Burton
Federal Official(s): None Partial: Complete: Date of last Inspection: 9-23,24-91
Weather Conditions: Sunny, 70's
Acreage: Permitted-3368 Disturbed-34 Regraded-0 Seeded-0 Bonded-34 Enforcement Action: None

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

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

INSPECTION REPORT

(Continuation sheet)

Page 2 of 3

PERMIT NUMBER: ACT/007/019

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(Comments are Numbered to Correspond with Topics Listed Above)

Mike Glasson is the company representative that normally accompanies Division inspectors. Since he was not present at the time of the inspection, many of the items below were clarified by him in a telephone conversation 10-18-91.

1. Permits

Conducted an AVS check. There have been some changes in officers and affiliated companies, and these have been included as part of the permit renewal submittal.

We used the new approved surface facilities map for this inspection and found a culvert above the uppermost bathhouse that is not shown on the map. This area will be field checked and a new map issued.

3. Topsoil

The east side of topsoil stockpile C has little perennial vegetation growing on it. I suggested to Mr. Glasson that seed be broadcast and raked into the soil on this area this fall. Mr. Glasson agreed to this proposal.

4.c. Sediment Ponds and Impoundments

I examined the third quarter pond inspection reports. No problems were noted except that cell B4 in catch basin B is filled with sediment. The cleanout stake for this series of ponds is in B1, the lowermost pond, while only the uppermost pond contains appreciable sediment. The report stated that it will be cleaned this year, even though it is not yet necessary, if weather permits and that Rick Krompel is on alert to do the work on the next available weekend.

On 10-1-91, Andalex submitted a response to the Division's deficiency letter for the spillway amendment for the pond C spillway.

4.d. Other Sediment Control Measures

The straw bales just above the inlet to culvert C-8 were in need of maintenance but were still functional. We suggested that the straw might be replaced with a silt fence, and Mr. Glasson told me that they don't have the materials to do that right now but that the new straw bales installed now will be replaced with a silt fence later.

4.e. Surface and Groundwater Monitoring

I examined second quarter UPDES reports. The only discharges were from point 002A, the mine water discharge, and there were no exceedances.

The EPA report forms list discharge point 002A as being a sediment pond, but the UPDES permit map shows 002A as the mine water discharge. The forms have already been printed for 1992, but Mr. Glasson indicated that he has contacted the Department of Environmental Quality and that this discrepancy will be corrected after that.

Well 1 was the only groundwater monitoring point that contained water for the second quarter monitoring. The laboratory left arsenic and pH off of the laboratory report. Mr. Glasson will obtain a corrected copy of the report and submit it to the Division.

INSPECTION REPORT

(Continuation sheet)

Page 2 of 3

PERMIT NUMBER: ACT/007/019

DATE OF INSPECTION: 10-16-91

14. Subsidence Control

Subsidence monitoring was conducted June 21, 1991, by Bruce T. S. Ware. In two letters both dated July 1, 1991, Mr. Ware indicated that there had and had not been vertical movement at point 9. Mr. Glasson told me that this point was resurveyed and found not to have had vertical movement. The report contained in the annual report will show no subsidence.

Copy of this Report:

Mailed to: Mike Glasson (Andalex), Bernie Freeman (OSM)

Given to: Daron Haddock and Joe Helfrich (DOGM)

Inspector's Signature: Paul B. Baker

Paul B. Baker #41 Date: 10-18-91