



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

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**INSPECTION REPORT**

Partial XXX Complete \_\_\_\_\_ Exploration \_\_\_\_\_  
 Inspection Date: 10/31/2002 / Time: 9:15-10:30 AM  
 Date of Last Inspection: 09/09/2002

Mine Name: Centennial Project County: Carbon Permit Number: C/007/019  
 Permittee and/or Operator's Name: Andalex Resources, Inc.  
 Business Address: P.O. Box 902, Price, Utah 84501  
 Company Official(s): Mr. Mike Glasson, Senior Geologist  
 State Official(s): Peter Hess Federal Official(s): None  
 Weather Conditions: Sunny, some clouds / Temperature 40's - 50's Fahrenheit  
 Type of Mining Activity: Underground XXX Surface \_\_\_\_\_ Prep Plant \_\_\_\_\_ Other \_\_\_\_\_  
 Existing Acreage: Permitted 5419.49 Disturbed 35.27 Regraded \_\_\_\_\_ Seeded \_\_\_\_\_  
 Status: Active

REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
  - a. For complete inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check N/A.
  - b. For partial inspections check only the elements evaluated.
2. Document any noncompliance situation by referencing the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

	EVALUATED	N/A	COMMENTS	NOV/ENF
1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 type="checkbox"/>
4. HYDROLOGIC BALANCE:				
a. DIVERSIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. SEDIMENT PONDS AND IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. OTHER SEDIMENT CONTROL MEASURES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. WATER MONITORING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. EFFLUENT LIMITATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. NONCOAL WASTE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL ISSUES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. SLIDES AND OTHER DAMAGE	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. CONTEMPORANEOUS RECLAMATION	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. BACKFILLING AND GRADING	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14. SUBSIDENCE CONTROL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. DRAINAGE CONTROLS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
17. OTHER TRANSPORTATION FACILITIES	<input 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"/>
19. AVS CHECK (4 <sup>th</sup> Quarter- April, May, June)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**INSPECTION REPORT**  
(Continuation Sheet)

PERMIT NUMBER: C/007/019

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(COMMENTS ARE NUMBERED TO CORRESPOND WITH TOPICS LISTED ABOVE)

Note: A mine entry associated with some old works operated by a man named Sutton has collapsed creating a ten foot diameter circular void about twenty feet in depth. The void has appeared east and upslope of topsoil pile "A" in Fiasco Canyon. It was suggested that the permittee "danger off" the void with roof bolts and vinyl "danger" tape. Mr. Glasson notified the Division on 10/31/2002 at 14:00 hours that the void has been dangered off.

This information has been forwarded to the Division's abandoned mine lands program.

**1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE**

Based on a side-by-side review of the MRP submittal received on September 12, 2002, and completed on October 7, 2002 by the Division, a conditional approval of the 9/12/2002 document was granted by the Division on October 10, 2002. The remaining stipulation for final approval (submittal of four additional clean copies) was completed by the permittee on October 23, 2002. Stamped, incorporated copies of the revised Centennial mining and reclamation have been received by the permittee and the Price Field Office of the DOGM, as of today.

**4B. HYDROLOGIC BALANCE: SEDIMENT PONDS AND IMPOUNDMENTS**

All ponds were observed to have wet material in their bottoms. No problems were noted relative to instability.

**4C. HYDROLOGIC BALANCE: OTHER SEDIMENT CONTROL MEASURES**

Livestock which access the upper elevations above Deadman Canyon through the mine's disturbed area have destroyed the straw bales which provide the sediment control for the mine Office pad / parking area. Mr. Glasson has new bales ordered to replace the damaged ones. The damage to the bales occurred on the previous weekend, as stock was moved to the lower elevations.

**5. EXPLOSIVES**

The OSM / DOGM evaluation topic for evaluation year 2001 / 2002, "Public Participation and the Notification Process" required as they relate to the use of explosives in both surface and underground coal mines in the State of Utah was discussed with Mr. Glasson, who is the environmental coordinator for both the Centennial Project and the Wildcat rail loading facility.

Although the permittee has not conducted any surface blasting at either of those two facilities, the requirements of R645-301-524.310 (Pre-Blast Survey requests) and R645-301-524.430 (Explosive Usage for Underground Coal Mining Purposes) and the written notification process were discussed. The permittee has been informed that when any surface blasting is to be conducted, then copies of the written notifications to residents within one-half mile of the permit area and local governments must be maintained and available for inspection purposes.

INSPECTION REPORT  
(Continuation Sheet)

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This "record of written notification" must also be maintained by the permittee and be must capable of being produced for inspection purposes when surface shots relative to underground coal mining and reclamation activities are to be conducted. In this case, all residents and local governments within one-half mile of the blasting area must be notified. It was explained to Mr. Glasson that the written notification record could be maintained in two ways:

- 1) Copies of each written notification letter to each local resident and each local government can be maintained, or
- 2) The green U.S. Postal Service return receipt requested receipt can be maintained as verification.

**8. NONCOAL WASTE**

The permittee has made a concerted effort to remove much of the older machinery and mining related apparatus from the surface pad areas associated with the three mines in the Centennial Project. This effort will be continued until as much of that type of material can be disposed of as possible.

**13. REVEGETATION**

The permittee has purchased and has on hand the seed that will be used to re-seed the topsoil storage areas within the Centennial disturbed area.

**16B. ROADS: DRAINAGE CONTROLS**

All drainage controls that were inspected appeared to be capable of functioning as designed.

Inspector's Signature: \_\_\_\_\_

  
Peter Hess #46

Date: November 1, 2002

Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas & Mining.

Enclosure

cc: James Fulton, OSM  
Mike Glasson, Andalex  
Mark Mesch, DOGM  
Price Field office

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