

0005



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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by  
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## INSPECTION REPORT

Partial XXX Complete      Exploration       
Inspection Date: 01/30/2003 / Time: 9:45-11:45 AM  
Date of Last Inspection: 12/03/2002

Mine Name: Wildcat Loadout County: Carbon Permit Number: C/007/033  
Permittee and/or Operator's Name: Andalex Resources, Inc.  
Business Address: P.O. Box 902, Price, Utah 84501  
Company Official(s): Mr. Scott Dimick, Superintendent  
State Official(s): Ms. Jerriann Ernstsen, Peter Hess Federal Official(s): None  
Weather Conditions: Sunny, warm; temperature mid-twenties to fifties, Fahrenheit  
Type of Mining Activity: Underground Surface Prep Plant XXX Other  
Existing Acreage: Permitted 100 Disturbed 63.7 Regraded      Seeded       
Status: Active

### REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

- Substantiate the elements on this inspection by checking the appropriate performance standard.
  - 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.
  - For partial inspections check only the elements evaluated.
- Document any noncompliance situation by referencing the NOV issued at the appropriate performance standard listed below.
- Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
- 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 type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>
4. HYDROLOGIC BALANCE:				
a. DIVERSIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. WATER MONITORING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. EFFLUENT LIMITATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS	<input 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 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 type="checkbox"/>	<input type="checkbox"/>
14. SUBSIDENCE CONTROL	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<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"/>
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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**INSPECTION REPORT**  
(Continuation Sheet)

PERMIT NUMBER: C/007/033

DATE OF INSPECTION: 1/30/2003

(COMMENTS ARE NUMBERED TO CORRESPOND WITH TOPICS LISTED ABOVE)

**3. TOPSOIL**

Topsoil piles "B" and "A" were evaluated during today's inspection. Pile "B" lays directly NNW of sediment pond "F". The permittee placed oats, straw mulch and some erosion control matting on this pile on Sunday, December 8, 2002. This pile has been in place for several years; the protective cover crop that had existed has deteriorated due to the lack of moisture over the last four to five years. Pile "B" has a well-maintained berm surrounding it to preserve the resource from erosion by water. The flat lying configuration of the Wildcat permit area is prone to receive high velocity winds. The loss of the soil resource by wind erosion is a much greater concern. The re-establishment of a cover crop to prevent the loss of this resource will continue to be evaluated during future inspections. The addition of moisture to the pile via artificial means was briefly discussed with Mr. Dimick. It is hoped that moisture received during the spring of 2003 will allow the quick replenishment of the cover crop of oats such that this resource is adequately protected.

It should also be noted that pile "B" does use moderate surface roughening to enhance moisture retention. Also, the soils seem to develop a crust which would also help minimize soil loss from wind erosion, but which would probably hinder seed germination.

Topsoil pile "A" was also evaluated this day. The permittee performed work during 2002 to enhance the protective cover crop on the storage pile. Rains received in the Carbon County area during August/September 2002 caused the additional work to flourish shortly thereafter. The erosion control matting that the permittee pinned in place has functioned as designed, and is breaking down. The pile remains adequately covered, but the lack of moisture since September is beginning to show effect.

**4A. HYDROLOGIC BALANCE: DIVERSIONS**

All diversions that were inspected appeared to be capable of functioning as designed. Two diversions had recently been enhanced by a road grader.

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

None of the ponds contained water this day, although moist ground was evident in their bottoms.

**4D. HYDROLOGIC BALANCE: WATER MONITORING**

The permittee notified the Division on January 31, 2003 that the UPDES discharge monitoring reports for the third quarter of 2002 for the Wildcat loadout had been entered into the database and had been approved by the permittee for uploading.

That same notification also informed the Division that the fourth quarter 2002 water monitoring information for the Wildcat loadout had also been entered into the database and approved for uploading.

INSPECTION REPORT  
(Continuation Sheet)

PERMIT NUMBER: C/007/033

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A review of the fourth quarter water monitoring information for Wildcat site by the assigned Division hydrologist revealed "**there was flow** in the channels at the site during the quarter, but no samples were taken. The channels were dry when sampling was attempted". The mining and reclamation plan for the site (operational phase) does not specifically state that samples should be taken in the surface drainages during storm events. However, the Division is requesting that the permittee attempt to sample at locations WCW-1 through WCW-4 either during or shortly thereafter a precipitation event with the stipulation that the person who would perform the sampling would not place themselves in a hazardous situation. Training of an on-site employee will be necessary if the permittee intends to comply with this Division request.

The mining and reclamation plan commits to a rain gauge and precipitation log during baseline operations, but there is no clear commitment to continue this during the operational phase. The gauge and the precipitation record should become a normal part of operations. This may prove beneficial if the site receives a storm exceeding the 10 year 24 hour design event.

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



Peter Hess #46

Date: February 3, 2003

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

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

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