0013

UTAH NATURAL RESOURCES
Oil, Gas & Mining

3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • (801) 538-5340

inspection report

Permit No. ACT/007/033
Inspection Date 6/20-21/90

Permittee/Operator Name Andalex Resources, Inc
Business Address P.O. Box 902
City Price State Ut Zip 84501
Mine Wildcat Loadout ☐ Surface ☐ Underground ☒ Other
County Carbon State
Company Official(s) John Pappas & Mike Glasson
State Official(s) Bill Malencik & John Pappas; OSM - Rade Orell & John Kathman
Time of inspection 6/20 3:00 ☐ a.m. ☒ p.m. to 4:00 ☐ a.m. ☒ p.m. ☐ Partial ☐ Complete
6/21 8:00 ☒ a.m 6:00 ☒ p.m
Date of last inspection 6/5/90 Weather conditions Clear/Warm
Acreage 100 ☒ Permitted 60 ☒ Disturbed ☐ Regraded ☐ Seeded 60 ☒ Bonded
Enforcement Action NONE

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

	YES	NO	N/A	COMMENTS
1. Permits	☒	☐	☐	☐
2. Signs and markers	☒	☐	☐	☐
3. Topsoil	☒	☐	☐	☐
4. Hydrologic balance				
— Stream channel diversions	☒	☐	☐	☐
— Diversions	☒	☐	☐	☒
— Sediment ponds and impoundments	☒	☐	☐	☒
— Other sediment control measures	☒	☐	☐	☐
— Surface and groundwater monitoring	☒	☐	☐	☒
— Effluent limitations	☒	☐	☐	☐
5. Explosives	☒	☐	☐	☐
6. Development waste and spoil disposal	☒	☐	☐	☐
7. Coal processing waste	☒	☐	☐	☒
8. Noncoal waste	☒	☐	☐	☐
9. Protection of fish, wildlife, and related environmental values	☒	☐	☐	☐
10. Slides and other damage	☒	☐	☐	☐
11. Contemporaneous reclamation	☒	☐	☐	☐
12. Backfilling and grading	☒	☐	☐	☐
13. Revegetation	☒	☐	☐	☐
14. Subsidence control	☐	☐	☒	☐
15. Cessation of operations	☒	☐	☐	☐
16. Roads				
— Construction	☒	☐	☐	☒
— Drainage controls	☒	☐	☐	☐
— Surfacing	☒	☐	☐	☐
— Maintenance	☒	☐	☐	☐
17. Other transportation facilities	☒	☐	☐	☐
18. Support facilities and utility installations	☒	☐	☐	☐

WHITE—DOGM YELLOW—OSM PINK—PERMITTEE/OPERATOR GOLDENROD—NOV FILE

INSPECTION REPORT COMMENTS

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Please number comments to correspond with topics on previous page.

General Comments: The instant inspection, which was also an oversight by OSM, was conducted over a two day period and the following issues were discussed with the operator:

(1) Haul Roads

- As built certifications shown on Plate 1 and dated 10/21/88 and Plate 17 dated 1/11/88 did not depict all the haul roads.
- An updated plate 1 was submitted to the Division on 6/22/90 by cover letter. Plate 1 carried an engineers stamp No. 4548. The updated map shows the haul roads both east and west of the railroad to the lump coal scale house, main coal storage areas including the stoker coal area west of the railroad tracks.

(2) Bony or Refuse Pile. The bony pile on the west side of the railroad tracks appeared to have bony dumped over the pile instead of placing the

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material in lifts. MSHA required the operator to place an axle height berm around the pile. It appears as the height of the pile increased the berm was beefed up by dumping coal immediately adjacent to the outslopes.

The width of the pile at the time of inspection was about 20 feet with a 3 foot berm. Heavy equipment transported, dumped and moved the berm on the pile. The pile was very narrow and difficult to operate heavy equipment.

The pile was regraded on 6/26/90 and the width extended to 100 feet. The undersigned inspected the pile on 6/26/90. The slopes are 2:1 or less, the pile is stable, no erosion was evident, and runoff is conveyed by ditch to sediment pond F. An updated drawing was submitted on 6/22/90.

(3) Sediment Ponds: Two issues or problems were noted with respect to the ponds as as follows:

Sub-Issue 1: Pond A&B did not contain half round culvert as specified on the drawings, but did have erosion protection in the form of belting.

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The operator on 6/22/90 submitted a corrected drawing showing the belting protection in lieu of the half round culvert. Sub-Issue 2. Ponds A, B, C, D&E did not have sediment markers installed in the pond as called for in the "As Constructed Certified Drawings". The operator had BS Ware survey the ponds on 6/22/90 and, thereafter, installed the required markers. The markers were observed in all ponds on 6/26/90 by the undersigned.

(4) Diversion. An undisturbed ditch UD-1, natural drainage involving UD-1 and an impoundment (Pre SMCRA) on the aforementioned natural drainage were observed and discussed at some length in the field. It was concluded that the lower portion of UD-1 by the bony pile and topsoil pile did not conform to the typical drawings and required the ditch to be redefined and rip rapped at the lower end where erosive runoff velocities could be expected. The extreme lower portion of the ditch while not rip rapped did not show any signs of erosion; however, the operator stated that he had repaired the erosion. He also proposed

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to install a half round culvert instead of rip rap on the steep discharge portion of UD-1. The Division is currently considering matters relating to UD-1 the impoundment and the perhaps the partial restoration of runoff back into the natural channel. This was documented in the Divisions internal memo of 6/18/90.

In summary this is what needs to be done.

Submit amended map & text on:

1 Impoundment design and additional storage devices if needed,

2. Update design on UD-1 including rechecking the typical design against ditch conditions in the field. Design half round culvert in lieu of rip rap on lower segment,

3. Commit to the supervisor when this and other work that may be associated with this matter will be completed.

The lower end of UD-1 has been redefined and was checked by the undersigned on 6/28/90.

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Other. Some other items that require the attention of the operator include:

(1) Operator maintaining correspondence at the Wildcat headout office on stipulation compliance as approved by the Division

(2) In light of work on the impoundments & UO-1 consider the applicability of continuing the water monitoring stations WCW-3 and WCW-1. The question that needs to be answered "are these stations still necessary or should two other locations be selected?

(3) The road culvert that discharges into pond B was covered with and plugged with coal-fines. The operator cleaned the culvert on 6/21/90.

(4) Certificate of liability form carries the prefix "PRO" instead of "ACT."

Conclusion. The operator was notified that some of the issues discussed above were potential NOVs. However, since the operator expeditiously has taken corrective action as noted herein, no violations were issued by the undersigned. Furthermore most of the major issues are permit defects.

Copy of report mailed to ~~Mike Glasson, Andalex Resources Inc~~/OSM-Brian Smith, DOGM-Joe Helfrich

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Inspector's signature Jim J. Grahmann No. 26

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