

12-8-88 760



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STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

John
Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

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INSPECTION REPORT

INSPECTION DATE & TIME: November 16, 1988
9:00 a.m. - 3:00 p.m.

Permittee and/or Operators Name: Andalex Resources, Inc.
Business Address: P.O. Box 902 Price, Utah 84501
Mine Name: Wildcat Loadout Permit Number: PRO/007/033
Type of Mining Activity: Underground Surface Other X
County: Carbon State: Utah
Company Official (s): Mike Glasson
State Official(s): Bill Malencik, Henry Sauer
Partial: Complete: XX Date of Last Inspection: Oct. 14, 1988
Weather Conditions: Cool, clear a.m. to partly cloudy p.m.
Acreage: Permitted NA Disturbed 60 Regraded NA Seeded 60 Bonded NA
Enforcement Action: None

* Items requiring followup by the operator:

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

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

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GENERAL COMMENTS:

Henry Sauer, DOGM Soils Specialist accompanied the undersigned on portions of this inspection. He also collected coal samples from various ~~coal~~²³⁹⁷ pads and bottom samples from sediment ponds A&B. The samples were taken on the coal pad immediately adjacent to the pile. Such samples were taken to determine if acid problems existed.

1. PERMITS:

The operator loadout lies on public lands administered by the Bureau of Land Management. Records relating the the ROW are as follows:

1. Right of Way, U-48072, approved 1/12/82 for 30 years. Grant has been amended three times.
2. \$50,000 bond secured and associated with the subject ROW.
3. ROW stipulations attached to ROW grant have been met.

Other Authorizations:

1. Utah Railway lease covering 23 acres authorizes the operator to utilize certain railway facilities.
2. Southeastern Utah Health Dept. approved operators waste water disposal system on 11/23/82.
3. Division of Environmental Health approved of and issued air quality permit on 7/22/82.

The operator submitted an application together with a \$5.00 filing fee to the Division on 11/21/87. Three reviews have been completed by the Division and some "MRP" items are still being discussed. However, it appears that the permit should be approved shortly.

The operator has an insurance policy with Old Republic Inc. issued 7/1/87, and remains in effect until cancelled.

3. TOPSOIL:

Topsoil piles were observed and the following comments are noted for the record and follow-up action:

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3. TOPSOIL: (cont'd)

1. On the topsoil piles, seeded vegetation is sparse; however, artificial vegetal regeneration on mancos topsoil piles has been difficult and disappointing. This is not an exception, but the rule for most mines that have repeatedly artificially seeded such soils. The operator has taken secondary steps to protect the topsoil piles by establishing a berm that prevents soil movement.
- * 2 Two topsoil piles (B&C) on the south-westerly side of the coal pile are starting to catch some coal fines. These are wind blown fines. While this is not now considered to violate performance standards, it will be a potential problem with a continued unchanged operation.

4b. DIVERSIONS:

A diversion that has historically drained the Beaver Creek shop area has been altered through an understanding with the operator. The drainage entered the operators proposed permit area through a railroad culvert and then to a natural channel next to the operators gate.

A berm was erected and a new ditch cut on Beaver Creek ROW to keep the majority of B.C. runoff off of the operators proposed permit area.

- * The berm has breeched and the operator should take steps to repair the berm and realign the ditch with a berm constructed of more substantial material. The berm is on Beaver Creeks property.

Beltline protection has been utilized in the disturbed diversions. The Division's recent correspondence reflects some dissatisfaction with this method of erosion protection. While this method has provided erosion protection, it is a high maintenance item especially when overland flow enters the diversion from the side. On the other hand, when side flows are non-existent and the diversion is properly shaped, it has been used effectively. No significant diversion problems were noted except where the beltline has been installed on sediment pond inlets. This beltline

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4b. DIVERSIONS: (cont'd)

- * lies flat not confining the runoff, resulting in some minor erosion. The operator is requested to repair the pond inlet erosion.

4c. SEDIMENT PONDS:

Pond inspection reports were reviewed and no problems noted. Minor inlet erosion problems adjacent to beltline, needs maintenance as mentioned above. The operator stated that the depression and runoff storage area west of the tracks, west of the stoker coal pile and contiguous to the upper loop road was a sump.

4e. SURFACE AND GROUNDWATER MONITORING:

The operator has started water monitoring. Four stations have been identified WCW-1, WCW-2, WCW-3, and WCW-4. Reports for the first, second and third quarters have been submitted to the Division. Runoff occurred in the fourth quarter and samples were taken.

4f. EFFLUENT LIMITATIONS:

- * NPDES requirements have been met. Discharge reports have been sent to appropriate agencies on 6/24/88, 7/7/88, and 10/31/88. While the operator has been late in submitting each of the above reports, no formal action is being taken. However, he is requested to abide by the standing deadline date i.e., submit report within 28 days after the end of the quarter.

7. COAL PROCESSING WASTE:

- * A bony pile has been started west of the tracks in a historic coal waste area previously utilized by Swisher Coal Co. The operator was advised of the diversion requirements around such coal waste areas. Further, it was suggested he calculate the ditch sizing as part of final permit review, to determine if it meets the requirements set forth by the Utah regulations.

9. PROTECTION OF FISH, WILDLIFE, AND RELATED ENVIRONMENTAL VALUES:

The operator advised me that the power line modification has been scheduled to be done this week. A 4" gap, 26-48" below the conductor wire make the power line raptor proof. This is based on recommendations from USF&WS.

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16. ROADS MAINTENANCE:

The roads were in good shape, well maintained, and no fugitive dust was observed when trucks were entering and exiting the loadout.

** Items noted for followup action by the operator are of a preventative nature and not considered a violation of the performance standards by the undersigned.*

Copy of this Report:

Mailed to: Mike Glasson

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

Filed: PFO

Inspectors Signature and Number: *Wm. J. Malencik* William J. Malencik #26 Date: Nov. 28, 1988