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STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangertter, Governor
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INSPECTION REPORT

INSPECTION DATE & TIME: July 8, 1987
8:00 a.m. to 1:00 p.m.

Permittee and/or Operators Name: Arch Minerals
Business Address: P. O. Box 370 Orangeville, UT 84537
Mine Name: Trail Mountain Permit Number: ACT/015/009
Type of Mining Activity: Underground Surface Other
County: Emery
Company Official (s): Tom Hardee
State Official(s): Wm. J. Malencik, Harold Sandbeck
Partial: Complete: Date of Last Inspection: June 10, 1987
Weather Conditions: Clear/Cool
Acreage: Permitted 1415 Disturbed 8.8 Regraded Seeded Bonded 8.8
Enforcement Action: None

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

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

INSPECTION REPORT
(continuation sheet)

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(Comments are Numbered to Correspond with Topics Listed Above)

1. PERMITS:

Required permits were on file. The NPDES permit expired December 8, 1986. EPA letter of December 8, 1986, authorized continuation of the operation in accordance with expired permit conditions until a renewal can be issued.

Currently, the mid-term review of Tract 1 is underway with the end of August, 1987, as a target completion date. Permit signed May 1, 1987, incorporating both tract 1 and 2.

Also, exploratory application for core drilling in tract 2 has been filed and interagency field meeting held. Currently, USFS surface agency is conducting an internal review of the USFS environmental analysis.

2. SIGNS AND MARKERS:

New entrance signs now reflect current owner, Arch Minerals. Boundary markers were observed in place as required on tract 1.

4a. STREAM CHANNEL DIVERSIONS:

The rip-rapped stream channel diversion below the sediment pond was observed. Two cross section measurements of the altered stream channel were taken. The first (point A), on the lower end, about ten feet above the entrance sign adjacent to a colored rib bolt. The next (point B), about thirty paces upstream. The measurements are as follows:

Point A	Point B
<u>11'</u>	<u>9'</u>
* / *	* / *
* / * 3'10"	* / * 3'8"
* / *	* / *

Copy of this Report:

Mailed to: John Kathmann, OSM; Tom Hardee, Trail Mountain

Given to: Joe Helfrich, DOGM

Inspectors Signature and Number: Wm. J. Malencik #26 Date: July 13, 1987

INSPECTION REPORT
(continuation sheet)

Page 3 of 3

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4b. DIVERSIONS:

The cement-lined diversion ditch next to the chain link fence was clean of coal and other material. This particular mine site drainage ditch has been kept clean as noted in the informal notes. The company and personnel responsible for this should be complimented for the good job they have done as noted above.

4c. SEDIMENT PONDS:

Sediment pond contained small amount of water. Part of the pond bottom was visible and not covered by water. Pond inspection reports were reviewed and no problems detected. No evidence of pond discharge.

4d. SURFACE AND GROUNDWATER MONITORING:

Records were reviewed and found to be in proper order. Mine water meter reading at the time of inspection, 1229.7--the same as May 27, 1987 reading.

14. SUBSIDENCE CONTROL:

Subsidence matters were discussed with Trail Mountain. Flights made, data gathered and currently the data is being interpreted. Carter Reed, USFS Supervisor, Price, Utah, said the delay is not the problem of the operator, but with USFS/USFS contractor who is currently interpreting the raw data. He further mentioned Trail Mountain's finalized data should be available shortly and will compare baseline readings with 1985 and 1986 readings.

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