



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

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INSPECTION REPORT

Partial: X Complete: Exploration:
Inspection Date & Time: May 30, 1996, 2:30 pm to 6:00 pm
Date of Last Inspection: April 30, 1996

Mine Name: Crandall Canyon Mine County: Carbon Permit Number: ACT/015/032
Permittee and/or Operator's Name: Genwall Resources
Business Address: P.O. Box 1210, Huntington, Utah 84501
Type of Mining Activity: Underground X Surface Prep. Plant Other
State Official(s): David W. Darby
Company Official(s): Jay Marshall
Federal Official(s): None
Existing Acreage: Permitted- 2165.42 Disturbed- 5.55 Regraded- .5 Seeded- .5 Bonded- 5.55
Increased/Decreased: Permitted- 0 Disturbed- 0 Regraded- 0 Seeded- 0 Bonded- 0
Status: Exploration/ X Active/ Inactive/ Temporary Cessation/ Bond Forfeiture
Reclamation (Phase I/Phase II/Final Bond Release/Liability Year)

REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

Instructions

- 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.

Table with 4 columns: EVALUATED, N/A, COMMENTS, NOV/ENF. Rows include: PERMITS, CHANGE, TRANSFER, RENEWAL, SALE; SIGNS AND MARKERS; TOPSOIL; HYDROLOGIC BALANCE; DIVERSIONS; SEDIMENT PONDS AND IMPOUNDMENTS; OTHER SEDIMENT CONTROL MEASURES; WATER MONITORING; EFFLUENT LIMITATIONS; EXPLOSIVES; DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES; COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS; NONCOAL WASTE; PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES; SLIDES AND OTHER DAMAGE; CONTEMPORANEOUS RECLAMATION; BACKFILLING AND GRADING; REVEGETATION; SUBSIDENCE CONTROL; CESSATION OF OPERATIONS; ROADS; CONSTRUCTION/MAINTENANCE/SURFACING; DRAINAGE CONTROLS; OTHER TRANSPORTATION FACILITIES; SUPPORT FACILITIES/UTILITY INSTALLATIONS; AVS CHECK (4th Quarter-April, May, June) (date); AIR QUALITY PERMIT; BONDING & INSURANCE.



INSPECTION REPORT

(Continuation sheet)

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PERMIT NUMBER: ACT/015/032

DATE OF INSPECTION: 05/30/96

(Comments are Numbered to Correspond with Topics Listed Above)

1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE

I met Jay Marshall at the office in Huntington, then we drove to the minesite for the inspection. We evaluated the site and discussed the status of current activities and amendments. The Longwall Amendment, ACT/015/032-96A was approved on May 6, 1996. The major modification for the culvert expansion along with the Mid-term Permit Review is still being reviewed and a deficiency document will be sent to the operator shortly.

4. HYDROLOGIC BALANCE

a. DIVERSIONS

All disturbed and undisturbed diversions were evaluated for stability and integrity. All diversion ditches were clear and functioning.

b. SEDIMENTATION PONDS AND IMPOUNDMENTS

The pond was full of water, but no water was discharging. All ice had melted.

e. EFFLUENT LIMITATIONS

The mine has been discharging water continuously for the past few months. The once dry mine which seldom produced any water while conducting room and pillar operations is discharging a couple hundred gallons per minute as longwall operations continue. Jay mentioned that a new meter had been ordered for the new discharge pipe and it should arrive next week. I talked with Randy about monitoring the discharges from the mine a couple days later. He stated that flume measurements above and below the mine pad should reveal the difference, which should account for the discharge volumes. I questioned Randy about the source for the mine discharges. He indicated that the flows were coming from the panels where longwall mining was occurring. Randy stated that mine inflows were coming from the roof where the mine intersected channel sands from ancient river systems in the overlying rock.

He mentioned that he thought that longwall mining produced more water than conventional mining because longwall mining incorporates a larger area at a quicker pace exposing surfaces along the roof where water was stored. In his opinion conventional mining produced the same amount of water, but because conventional mining occurs at a slower pace the volume of discharge is spread over a longer time period. Randy stated that water currently coming from the Crandall Canyon Mine is produced from Panel 2 and not from the fault that was contacted on the western edge of Main West (Plate 5-2).

Copy of this Report:

Mailed to: James Fulton (OSM, Denver), Randy Gainer (Genwal)

Given to: Joe Helfrich (DOGMA)

Inspector's Signature: David W. Darby David W. Darby # 47 Date: 06/14/96