



OIL, GAS & MINING

Abandoned Mine Reclamation Program PROJECT SUMMARY

Project Location and Background

Castle Gate is an old mine and former company town in eastern Utah. The name of the mine and town was derived from the prominent rock formation in lower Price Canyon which once featured two sandstone walls that appeared to open like a giant gate as one travels through the narrow mouth of the canyon (the west wall has been largely removed by road construction). On March 8, 1924, the tenth deadliest disaster in the history of coal mining in the US happened when one of the Castle Gate Mines exploded killing 172 miners.

The Castle Gate Project consisted of two adjacent properties. The Peacock Mine is located above Willow Creek adjacent to the PacifiCorp Carbon Plant. The Panther Mine is on county land located in the Panther Canyon tributary to Price Canyon east of the Peerless Port of Entry.

The purpose of the reclamation was to eliminate the safety hazards by closing the open portals, two at the Peacock site and four at the Panther mine site.



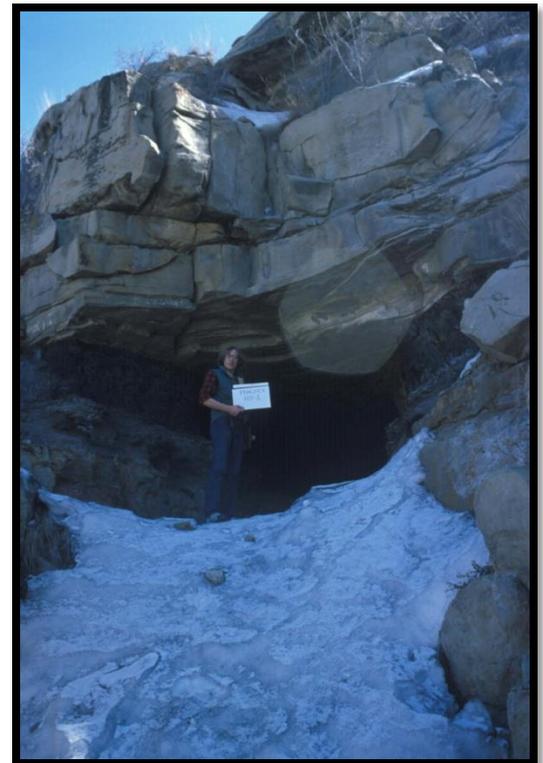
The AMRP in the Division of Oil, Gas and Mining, Utah Department of Natural Resources was created in 1983 to address physical safety hazards associated with abandoned mines as authorized by the Surface Mining Reclamation and Control Act (SMCRA) of 1977. The Program is funded by The Utah Coal Producers who pay an abandoned mine reclamation fee to the Office of Surface Mining (OSM) on each ton of coal mined in Utah.

CASTLE GATE PROJECT

Carbon County, Utah



AMR/007/903



Above: Portal at Peacock Mine

Land Owner:
General Contractor: Skyline Construction
AMRP Project Manager: Lee Spencer
Funding: 1984 OSM Grant



OIL, GAS & MINING

Abandoned Mine Reclamation Program PROJECT SUMMARY

Castle Gate Project, 1984 -- Construction Summary

Skyline Construction conducted the project at \$24,939. The notice to proceed was issued on August 30, 1984, and construction began in early September. The contractor used a cable and pulley system to haul materials up the steep slope to the Peacock portals (Bottom Photo). The work went very smoothly throughout project and was completed by the following month.

The two openings at the Panther site were closed by constructing concrete block walls. One opening at the Panther site was closed with a native stone wall, the other three were closed by backfilling by hand.



Overview of Peacock Mine..

ACCOMPLISHMENTS

6 Portals Safeguarded: \$24,939

MONITORING AND MAINTENANCE

A third portal at the Peacock mine was caved and was not closed in 1984. It has since re-opened slightly. It will be closed as part of the Indian-Price Canyon Project.



Delivering wall materials to the portals via pulley and sledge.

**Castle Gate Project:
6 Portals Closed
Completed: Fall 1984
Construction Cost: \$24,939
Funds: OSM**