

HISTORIC AMERICAN ENGINEERING RECORD

INDEX TO PHOTOGRAPHS

HAER  
WYO  
15-MAHOSP.V  
1-

GRAND LOOP ROAD

HAER No. WY-55

Yellowstone Roads and Bridges  
Forming circuit linking Mammoth Hot Springs,  
Norris Jct., Madison Jct., Old Faithful,  
West Thumb, Grant Village, Lake, Canyon,  
Tower-Roosevelt areas  
Mammoth Hot Springs Vic.  
Park County  
Wyoming

INDEX TO COLOR TRANSPARENCIES

All color xerographic copies were made from a duplicate color transparency.

Jet Lowe, Photographer, August 1989

- WY-55-1 (CT) THE "MUD VOLCANO," A STINKY THERMAL FEATURE ON THE GRAND LOOP ROAD. ACIDIC HOT SPRINGS HAVE REDUCED THE UNDERLYING LAVA TO A FINE CLAY, PRODUCING AN AREA OF BOILING MUD. THE ODOR OF ROTTEN EGGS IS FROM HYDROGEN SULFIDE GAS.
- WY-55-2 (CT) OBSIDIAN CLIFF OVERLOOKS THE EAST SIDE OF THE GRAND LOOP ROAD. THE OBSIDIAN, A BLACK VOLCANIC GLASS, FORMED WHEN A LAVA FLOW CONTACTED GLACIAL ICE. IN THE CONSTRUCTION OF THE ROAD BY THE U.S. ARMY CORPS OF ENGINEERS, WORKERS CREATED THE LEDGE FOR THE ROAD BY BUILDING LARGE BONFIRES AGAINST THE CLIFF, THEN DASHING THE HEATED ROCK WITH COLD WATER, CAUSING IT TO SHATTER.
- WY-55-3 (CT) THERMAL FEATURE
- WY-55-4 (CT) TOWER FALL, VIEW FORM OVERLOOK
- WY-55-5 (CT) ROAD ALONG BURNED OUT AREA AFTER 1988? FIRE
- WY-55-6 (CT) VIEW LOOKING INTO GRAND CANYON OF YELLOWSTONE