

Bureau of Mines
Report of Investigations 4997



**GASIFICATION OF LIGNITE IN A COMMERCIAL-SCALE
PILOT PLANT:**

PROGRESS REPORT JANUARY 1, 1949 TO JUNE 30, 1950

**BY A. C. BURR, R. C. ELLMAN, J. J. HOEPPNER, J. C. HOLTZ,
T. W. KAMPS, W. R. KUBE, O. C. ONGSTAD, AND W. H. OPPELT**

United States Department of the Interior — October 1953

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**UNITED STATES DEPARTMENT OF THE INTERIOR
Douglas McKay, Secretary
BUREAU OF MINES
J. J. Forbes, Director**

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