

# SYNTHETIC LIQUID FUELS

ANNUAL REPORT OF THE SECRETARY  
OF THE INTERIOR FOR 1949

PART I. - OIL FROM COAL

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UNITED STATES DEPARTMENT OF THE INTERIOR  
Oscar L. Chapman, Secretary  
BUREAU OF MINES  
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Part I. - Oil from Coal

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### PREFACE

This report is submitted in accordance with the provisions of the Synthetic Liquid Fuels Act of April 5, 1944 (30 U.S.C. 321-325, as amended), which require that: "The Secretary of the Interior shall render to Congress on or before the first day of January of each year a report on all operations under this Act."

Owing to the broad scope of the content and the diversity of interests represented, the Annual Report for 1949 has been divided into four separate publications. Each has been published by the Bureau of Mines as a Report of Investigations, and the respective titles follow:

- R. I. 4651, Part I - Oil from Coal.
- R. I. 4652, Part II - Oil from Oil Shale.
- R. I. 4653, Part III - Liquid Fuels from Agricultural Residues.
- R. I. 4654, Part IV - Oil from Secondary Recovery and Refining.

Identical in each report, the introduction summarizes research progress and commercial-plant cost estimates made in 1949 under the entire Synthetic Liquid Fuels program.

A free copy of any of these publications may be obtained by a written request to the Bureau of Mines, Publications Distribution Section, 4800 Forbes Street, Pittsburgh 13, Pa. The R. I. number and title of the publication desired should be indicated.

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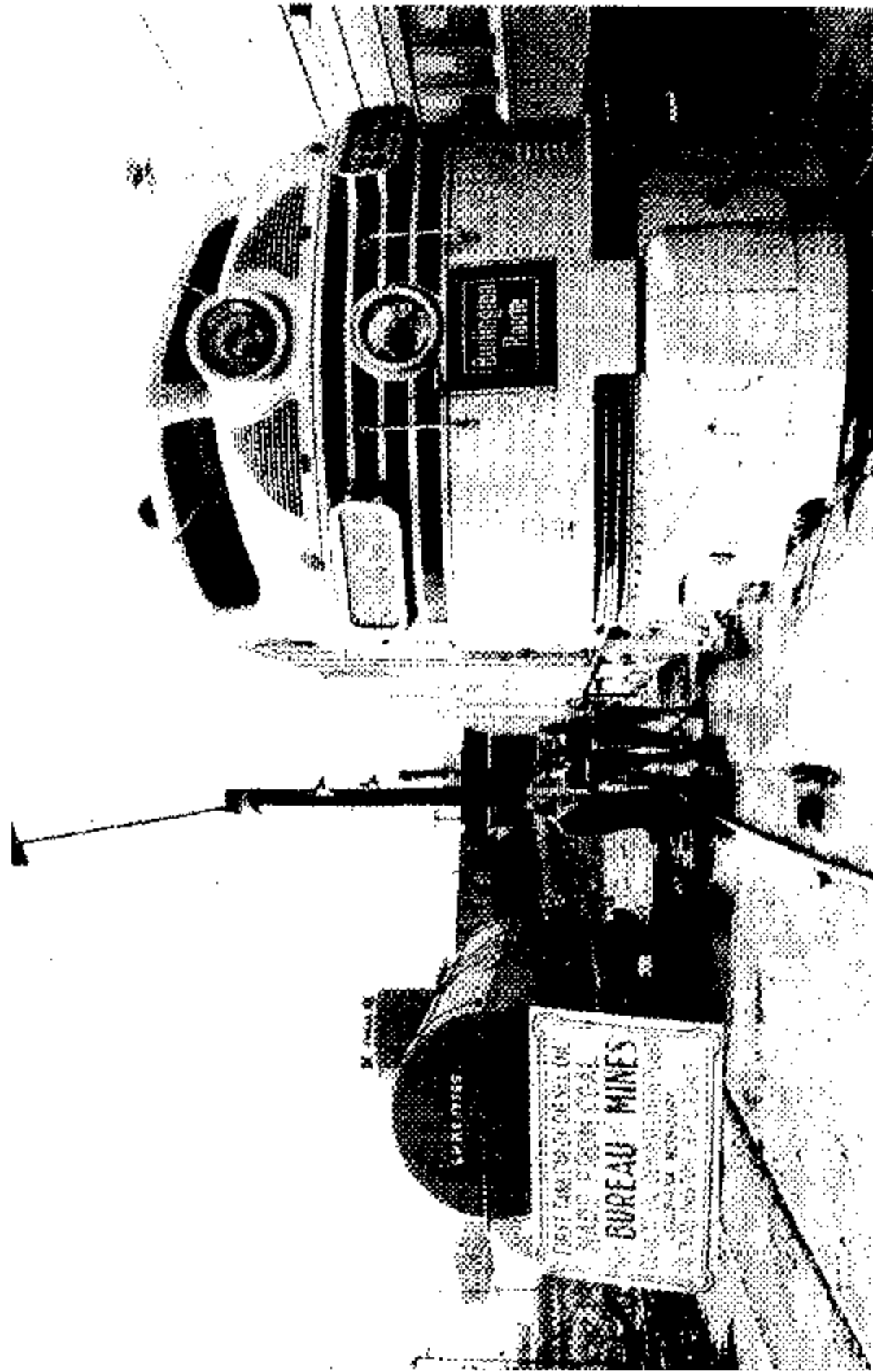


Figure 1. - Fueling Diesel locomotive of eight-car dedication train, the first ever operated in the United States on oil made from coal. Standing, left to right, are James Boyd, Director of the Bureau of Mines; Ralph Budd, retired president of the Burlington Railroad; and O. C. Moore, general foreman of the Burlington coach yards at St. Louis, Mo.