

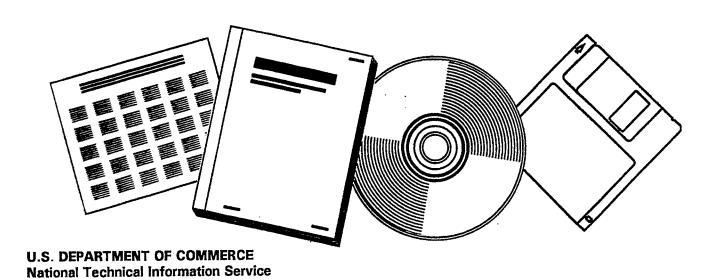
DE83007439

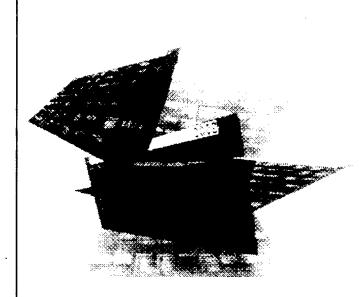


TRI-STATE SYNFUELS PROJECT COAL SAMPLING AND TESTING PROGRAM: VOLUME 2. ANALYTICAL TESTWORK

TRI-STATE SYNFUELS CO. HOUSTON, TX

JUN 1982





Selected Research In Microfiche

SRIM® is a tailored information service that delivers complete microfiche copies of government publications based on your needs, automatically, within a few weeks of announcement by NTIS.

SRIM® Saves You Time, Money, and Space!

Automatically, every two weeks, your SRIM[®] profile is run against all *new* publications received by NTIS and the publications microfiched for your order. Instead of paying approximately \$15-30 for each publication, you pay only \$2.50 for the microfiche version. Corporate and special libraries love the space-saving convenience of microfiche.

NTIS offers two options for SRIM® selection criteria:

Standard SRIM*-Choose from among 350 pre-chosen subject topics.

Custom SRIM°-For a one-time additional fee, an NTIS analyst can help you develop a keyword strategy to design your Custom SRIM° requirements. Custom SRIM° allows your SRIM° selection to be based upon *specific subject keywords*, not just broad subject topics. Call an NTIS subject specialist at (703) 605-6655 to help you create a profile that will retrieve only those technical reports of interest to you.

SRIM® requires an NTIS Deposit Account. The NTIS employee you speak to will help you set up this account if you don't already have one.

For additional information, call the NTIS Subscriptions Department at 1-800-363-2068 or (703) 605-6060. Or visit the NTIS Web site at http://www.ntis.gov and select SRIM® from the pull-down menu.



U.S. DEPARTMENT OF COMMERCE Technology Administration National Technical Information Service Springfield, VA 22161 (703) 605-6000 http://www.ntis.gov

TRI-STATE SYNFUELS PROJECT COAL SAMPLING AND TESTING PROGRAM

VOLUME 2

ANALYTICAL TESTWORK

JUNE 1982

KENTUCKY
DEPARTMENT
of ENERGY

TRI-STATE SYNFUELS COMPANY



PREPARED FOR U.S. DOE UNDER COOPERATIVE AGREEMENT NO. DE-FC05-810R20807





DUD/OR/20807--T1-Vol.2

NOTICE

DE83 007439

PORTIONS OF THIS REPORT ARE ILLEGIBLE. I: has been reproduced from the best available copy to permit the broadest possible availability.

NOTICE

DISCLAIMER

This report was prepared as an account of work co-funded by an agency of the United States Government and the Tri-State Synfuels Company. Neither the Tri-State Synfuels Company, its owners or their affiliates, the United States Government, any agency thereof, nor any of their subcontractors or employees, make any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately-owned rights. References herein to any specific commercial product, process or service by trade name, trademark, manufacturer, or otherwise, does not necessarily constitute or imply its endorsement, recommendation, or favoring by the Tri-State Synfuels Company, any of its owners or their affiliates, Tri-State Sy: fuels Company's subcontractors, the United States Government or any agency thereof. The views and opinions of authors expressed herein do no necessarily state or reflect those of the Tri-State Synfuels Company, any of its owners or their affiliates, Tri-State Synfuels Company's subcontractors, the United States Government or any agency thereof.

DISCLAIMER

This report was prepared as an account of work sponsored by an agency of the United States Government. Neither the United States Government nor any agency thereof, nor any of their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof.

MASTER

ACKNOWLEDGEMENT

Tri-State Synfuels Company wishes to recognize and express appreciation to the following organizations which participated in the support and implementation of the various activities involved in the sampling and testing of run-of-mine Illinois Basin coals for the supply and design program for the Tri-State Synfuels Project.

O	United States Department of Energy	Financial Support
0	Lurgi Kohle und Mineraloeltechnik GmbH	Consulting Services
0	Sasol Technology (Proprietary) Limited	Consulting Services
0	Paul Weir Company	Consulting Services
	Commercial Testing & Engineering Co.	Laboratory Services
	University of Kentucky - Institute	Coal Testing
	for Mining and Minerals Research	
0	Tennessee Valley Authority	Coal Supplier
0	Peabody Coal Company	Coal Supplier
0	Island Creek Coal Company	Coal Supplier
0	Old Ben Coal Company	Coal Supplier
0	Amax Coal Company	Coal Supplier
0	Texas Gas Transmission Corporation	Technical Assistance
0	Texas Eastern Corporation	Management and Technical Assistance

CONTENTS

COAL SAMPLING AND TESTING

VOLUME 2

ANALYTICAL TESTWORK

ı.	n	SUMMARY
	_	

2.0 CT&E SIZE ANALYSIS

- 2.1 Old Ben
- 2.2 Lynnville
- 2.3 Lynnville 1
- 2.4 Camp 11
- 2.5 Hamilton
- 2.6 Providence
- 2.7 No. 9
- 2.8 Marissa
- 2.9 Wabash
- 2.10 Delta

3.0 CTLE COAL QUALITY

- 3.1 Old Ben
- 3.2 Lynnville
- 3.3 Lynnville 1
- 3.4 Camp 11
- 3.5 Hamilton
- 3.6 Providence
- 3.7 No. 9
- 3.8 Marissa
- 3.9 Wabash.
- 3.10 Delta

4.0 UNIVERSITY OF KENTUCKY - IMMR COAL QUALITY