

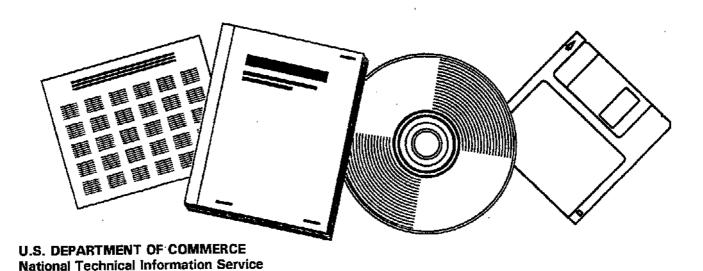
PB224750



PROCEEDINGS: ENERGY RESOURCE CONFERENCE, OCTOBER 24 AND 25, 1972 (2ND)

KENTUCKY UNIV., LEXINGTON. COLL. OF ENGINEERING

AUG 1973



PROCEEDINGS

SECOND ENERGY RESOURCE CONFERENCE

OCTOBER 24 AND 25, 1972

EDITOR:

O. J. HAHN

PUBLISHING EDITOR:

R. WILLIAM DE VORE



SPONSORED BY:

COLLEGE OF ENGINEERING UNIVERSITY OF KENTUCKY

COOPERATING AGENCIES:

KENTUCKY GAS ASSOCIATION
KENTUCKY OIL AND GAS
ASSOCIATION
KENTUCKY COAL ASSOCIATION



THE OPINIONS EXPRESSED IN AND THE RESPONSIBILITY FOR THE CONTENTS OF THE ARTICLES HEREIN PUBLISHED ARE THOSE OF THE AUTHORS. THEY ARE NOT TO BE CONSTRUED AS THE OPINIONS OF THE COLLEGE OF ENGINEERING NOR THOSE OF THE UNIVERSITY OF KENTUCKY.

BIBLIOGRAPHIC DATA	1. Report No. UKY TR70-73-CEI	ED4 2.	_	PB	224	750
4. Title and Subtitle	OHI THIS IS CHI	,,		5. Repo	rt Date Augus	st 1973 1
PROCEEDINGS - SE	COND ENERGY RESO	URCE CONFE	BENCE		e of Prepar	
PROCEEDINGS - SECOND ENERGY RESOURCE CONFERENCE			6.			
7. Author(s) Conference	e Proceedings			8. Perio	uming Organiza	tion Rept.
		·		No.		
9. Performing Organization Name and Address Office of Research and Engineering Services			10. Pro	10. Project/Task/Work Unit No.		
College of Engineering			11. Con	tract/Grant No.		
University of Kentucky						
Lexington, Kentucky 40506 12. Sponsoring Organization Name and Address					a of December 1	Desired
Office of Continuing Engineering Education			13. Type of Report & Period Covered Conference			
College of Engineering			Pro	Proceedings, Annual		
University of Kentuc				14.		
Lexington, Kentucky 15. Supplementary Notes	40506					
<u> </u>	edings published as	a result of	the FIRST EN	ERGY RE	SOURCE CON	FERENCE.
	<u> </u>					
1000	CEEDINGS of the Sec			_		
1	rmation on the rapidly		-	• •	•	
	Papers by knowledge	anie governm	ent omiciais ar	ia i n aus	trial repre	sentatives
are included.	:			1		_ = 1
1 -	include new developm			_		•
	(coal to gas and oil, oment to insure an ade			•	, .	
and transportation of		quate, remain	e energy supp	ıy, auu	the transm	1981011
and transportation of	energy.					
Í				•		
17. Key Words and Document	- A1	 		· .		
	•					
Fuels		al Gasification				
Coal	Pol	licies				
Natural Resources						
Coal Liquefaction						
176 13:(: /O P-4-)	T					
17b. Identifiers/Open-Ended	rerms					
<u> </u>		roduced by				
	N/	ATIONAL TECH	NICAL			ļ
INFORMATION SERVICE US Department of Commerce						
Springfield VA 22151						
17c. COSATI Field/Group 07A, 08F, 08G, 08I, 10A, 10B, 13B						
18. Availability Statement		7	19. Security C Report)	lass (This	21. No. 6	of Pages
Distribution Unlimite	ed		UNCLA	SSIFIED	<u>58</u>	27
			20. Security C	mss (1nis	22. Price	ا برم
FORM NT15-35 (10-70)			Page UNCLA	SSIFIED	USCOMM-	DC 40329-P71

ENERGY RESOURCE CONFERENCE PLANNING COMMITTEE Grant McDonald, Square D Company, Chairman

David E. Bayer, Beaver Creek Consolidated Coal Company Rexford S. Blazer, Ashland Oil, Inc.
James E. Funk, University of Kentucky
John H. Gray, Island Creek Coal Company
O. J. Hahn, University of Kentucky
Damon W. Harrison, Kentucky Department of Commerce
Henry L. Johnson, Kentucky Utilities Company
T. D. Kofflat, Sargent and Lundy Engineers
D. T. MacClellan, Columbia Gas of Kentucky
H. E. Miller, Armoo Steel Corporation
Jerry T. Verkler, Staff, U. S. Senate
Edward N. Wilson, Kentucky Geological Survey

CONTENTS

	<u>CONTENTS</u>	Page
TUESDAY, O	CTOBER 24, 1972	
CHAIRMAN:	George Evans President, Evans Industries	
WELCOME TO	O THE UNIVERSITY	
	Otis A. Singletary	
	President, University of Kentucky Lexington, Kentucky	. 1
KEYNOTE AT	DRESS	
	Hollis M. Dole	
	Assistant Secretary U.S. Department of the Interior	, 3
ADDRESS TO	THE ENERGY RESOURCE CONFERENCE	
	James F. Sims	_
	Deputy Chief Bureau of Natural Gas	_
	Federal Power Commission	, 8
LUNCHEON S	ESSION.	
CHAIRMAN:	William H. Flynn	
	Senior Vice President	
	Cincinnati Gas and Electric	
INDUSTRY A	ND THE ACADEMY: AN UNCERTAIN ALLIANCE	
	Robert M. Drake, Jr. Vice President	
	Combustion Engineering, Inc	. 12
SFSSION II.		
CHAIRMAN:	Theodore Broida	
	President	
	Spindletop Research, Inc.	
ENERGY CO	NVERSION - IMPROVEMENTS TO CONSERVE RESOURCES W. W. Brandfon	
	Head, General Analytical Division	35
	Sargent and Lundy, Engineers	. 15
	OPMENTS IN THE EXTRACTION OF	
NATURAL G	8. W. Jernigan	
	Vice President	
	Columbia Gas Transmission Corp. Charleston Group	. 24
NEW DEVEL	OPMENTS IN THE EXTRACTION OF OIL	
	A. L. Barnes	
	Energy Specialist A shland Oil and Refining Co	30
SESSION III.		
CHAIRMAN:	A. M. Townsend	
	Director of Operational Services Calgon Corporation	
	Cateou cor beranen	

DF PARTMENT	OF THE INTERIOR PROGRAMS FOR CONVERSION OF EOUS AND LIQUID FUELS
	George R. Hill Director of Coal Research
	Department of the Interior
COAL TO GAS	VIA THE LURGI ROUTE
	W. V. Hartman
	Vice President
	Peabody Coal Company
DINNER SESS	ION.
CHAIRMAN:	Damon Harrison
	Commissioner, Department of Commerce
	Commonwealth of Kentucky
SPEAKER:	Carl D. Perkins
<u> </u>	Congressman, 7th District
	Commonwealth of Kentucky
WFDNESDAY SESSION IV.	, OCTOBER 25, 1972
CHAIRMAN:	O. W. Stewart
•	Professor of Mechanical Engineering
	University of Kentucky
REGULATION	
	Robert F. Spurlin
	Commissioner
	Public Service Commission
	Commonwealth of Kentucky
HOW A PLAN	THER LOOKS AT TRANSPORTATION OF
C.B. ENDING	Dale W. Steffes
	Senior Planner
	Panhandle Fastern Pipe Line Co.
	Hauston Toyas

Pag