DEPARTMENT OF THE INTERIOR Hubert Work, Secretary

U. S. GEOLOGICAL SURVEY George Otis Smith, Director

Bulletin 781

CONTRIBUTIONS TO ECONOMIC GEOLOGY (SHORT PAPERS AND PRELIMINARY REPORTS)

1925

PART II.-MINERAL FUELS

W. T. THOM, JR. GEOLOGIST IN CHARGE



WASHINGTON GOVERNMENT PRINTING OFFICE

1926

NOTE

The Geological Survey's "Contributions to economic geology" are published in two parts, one including papers on metals and nonmetals except fuels and the other including papers on mineral fuels. As the subtitle indicates, most of the papers in these volumes are of three classes—(1) short papers describing as thoroughly as conditions will permit areas or deposits on which no other report is likely to be prepared; (2) brief notes on mining districts or economic deposits whose examination has been merely incidental to other work; and (3) preliminary reports on economic investigations the results of which are to be published later in more detailed form. Although these papers set forth mainly the practical results of economic investigations they include brief theoretical discussions and summary statements of conclusions if these appear to require prompt publication.

11

CONTENTS

>

.

[The letters in parentheses preceding the titles are those used to designate the papers for advance publication]

	rage
Paleozoic formations penetrated by wells in Tishomingo County, northeastern Mississippi, by M. N. Bramlette (published Aug.	6 -
	1
Notes on Paleozoic rocks encountered in a well near Florence, Ala.,	•
by H. D. Miser (published Aug. 1, 1925)	11
Geology of the Baxter Basin gas field, Sweetwater County, Wyo.,	
by J. D. Sears (published Feb. 4, 1926)	13
Index	29
	northeastern Mississippi, by M. N. Bramlette (published Aug. 1, 1925)

ILLUSTRATIONS

	Page
PLATE I. Columnar sections of rocks penetrated by deep v eastern Mississippi, northwestern Alabama,	and adjacent
parts of Tennessee	2
II. Geologic map of the Baxter Basin gas field, Sweet	water County,
Wyo	In pocket.
III. A, Ericson sandstone on Salt Wells Creek, sec.	31, T. 16 N.,
R. 102 W., Wyo.; B, Bishop conglomerate u	inconformable
on Blair formation, sec. 30, T. 17 N., R. 103 W	., Wyo 20
IV. A. Three sandstones in upper part of Blair form	ation, sec. 17,
T. 17 N., R. 102 W., Wyo.; B, Same sandston	es half a mile
farther south	
V. Sections in Sweetwater County, Wyo., and M Colo., showing correlation of the formations and	offat County,
of the Mancos-Mesaverde boundary	Q
VI. Graphic logs of the deeper wells in the Baxter B	asin gas field.
Wvo	
FIGURE 1. Diagrammatic sections on Vermilion Creek, Colo ter Basin, Wyo	., and in Bax-
	TTT

