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PART II.—MINERAL FUELS

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CONTENTS.

	Page.
INTRODUCTION.....	7
PETROLEUM AND NATURAL GAS:	
The Menifee gas field and the Ragland oil field, Ky., by M. J. Munn....	9
Oil and gas development in north-central Oklahoma, by R. H. Wood.....	27
Geology and petroleum resources of the De Beque oil field, Colo., by E. G. Woodruff.....	54
Geologic structure of the Punxsutawney, Curwensville, Houtzdale, Barnes- boro, and Patton quadrangles, central Pennsylvania, by G. H. Ashley and M. R. Campbell.....	69
COAL AND LIGNITE:	
The Williston lignite field, Williams County, N. Dak., by F. A. Herald..	91
The Little Sheep Mountain coal field, Dawson, Custer, and Rosebud counties, Mont., by G. S. Rogers.....	159
Coal in the Tertiary lake beds of southwestern Montana, by J. T. Pardee..	229
Coal at Horseshoe Bend and Jerusalem Valley, Boise County, Idaho, by C. F. Bowen.....	245
Lignite in the Goose Creek district, Cassia County, Idaho, by C. F. Bowen..	252
The Barber coal field, Johnson County, Wyo., by C. H. Wegemann.....	263
The Cerrillos coal field, Santa Fe County, N. Mex., by W. T. Lee.....	285
The Coaldale coal field, Esmeralda County, Nev., by J. H. Hance.....	313
Coal resources of Cowlitz River valley, Cowlitz and Lewis counties, Wash., by A. J. Collier.....	323
Miscellaneous analyses of coal samples from various fields of the United States.....	331
INDEX.....	357

ILLUSTRATIONS.

	Page.
PLATE I. Sketch map of portion of northeastern Kentucky, showing the areal distribution of the Ordovician, Silurian, and Devonian systems and the Mississippian and Pennsylvanian series of the Carboniferous system; also the positions of the Campton, Irvine, Ragland, and Menifee oil and gas fields.....	10
II. Sections of deep wells in the Menifee and Ragland fields, Ky.....	14
III. Sketch map of the Ragland field, Ky.....	20
IV. Sketch map of the Menifee gas field, Ky.....	20
V. Map showing oil and gas development in north-central Oklahoma...	52
VI. Map of the De Beque oil field, Colo., showing geologic boundaries and structure.....	66
VII. Structure map of the Punxsutawney, Curwensville, Houtzdale, Barnesboro, and Patton quadrangles, central Pennsylvania.....	86
VIII. Sections of seven deep wells in central Pennsylvania bored for oil and gas.....	88
IX. Sections of lignite beds in the Williston lignite field, Williams County, N. Dak.....	154
X. Map of the Williston lignite field, Williams County, N. Dak.....	156
XI. Sections of coal beds in yellow beds of Fort Union formation in the Little Sheep Mountain coal field, Mont.....	202
XII. Sections of coal beds of Lebo shale member of Fort Union formation in the Little Sheep Mountain coal field, Mont.....	224
XIII. Map of the Little Sheep Mountain coal field, Mont.....	226
XIV. Map of Tertiary lake beds in a portion of southwestern Montana...	244
XV. Map of Horseshoe Bend and Jerusalem Valley, Boise County, Idaho, showing sections of the coal.....	250
XVI. Map of the Goose Creek district, Cassia County, Idaho, showing sections of the lignite.....	262
XVII. Sections of coal beds in T. 50 N., R. 79 W., and T. 51 N., Rs. 77, 78, and 79 W., in the Barber coal field, Wyo.....	278
XVIII. Sections of coal beds in T. 49 N., R. 79 W., and T. 50 N., Rs. 77 and 78 W., in the Barber coal field, Wyo.....	282
XIX. Map of the Barber coal field, Wyo.....	284
XX. Map of the developed part of the Cerrillos coal field, N. Mex.....	290
XXI. Geologic sections and drill records in the Cerrillos coal field, N. Mex., showing the correlations of the several beds.....	290
XXII. Map showing locations of both operating and abandoned mines near Madrid, N. Mex., together with a diagrammatic section showing the relation of the igneous rock to the coal beds and sections of the coal beds showing their variations in thickness.....	306
XXIII. Map of the Coaldale coal field, Esmeralda County, Nev.....	322
XXIV. Map of Cowlitz River valley coal field, Cowlitz and Lewis counties, Wash.....	330

	Page.
FIGURE 1. Diagram showing why wells in lenticular strata obtain unequal amounts of oil or gas, though the wells are not far apart.....	66
2. Faults in the Houtzdale quadrangle, Pa.....	83
3. Stratigraphic section showing interfingering of yellow beds of Fort Union formation and Lebo shale member.....	165
4. Section along line X-Y in Plate XIII, showing stratigraphic relations of the Lebo shale member of the Fort Union formation....	170
5. Diagram showing relations of the lenses of tuffaceous sand in Lebo shale member of the Fort Union formation.....	171
6. Index map showing location of certain Tertiary lake beds in southwestern Montana.....	230
7. Index map showing location of Horseshoe Bend and Jerusalem Valley coal field and the Goose Creek lignite district, Idaho....	247
8. Profile through Madrid, N. Mex., showing the relations of the coal beds to the sheets of intrusive igneous rock.....	300
9. Sections of coal beds near Madrid, N. Mex.....	302
10. Generalized section of strata exposed in Coaldale coal field, Nev...	315

CONTRIBUTIONS TO ECONOMIC GEOLOGY, 1911.

PART II. MINERAL FUELS.

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INTRODUCTION.

This volume is the sixth of a series that includes Bulletins 316, 341, 381, 431, and 471, "Contributions to economic geology (Part II)" for 1906, 1907, 1908, 1909, and 1910, respectively. Previous to 1906 the annual "Contributions" consisted of one part only and papers on mineral fuels were included with the papers on metals and nonmetals except fuels in a single volume. These earlier volumes are Bulletins 213, 225, 260, and 285, for 1902, 1903, 1904, and 1905, respectively.

As the subtitle indicates, the papers included are of two classes: (1) Short papers giving comparatively detailed descriptions of occurrences that have economic interest but are not of sufficient importance to warrant a more extended description; (2) preliminary reports on economic investigations, the results of which are to be published later in more detailed form. These papers are such only as have a direct economic bearing, all topics of purely scientific interest being excluded. They have been grouped according to subjects or general regions and each group has been issued as an advance chapter as soon as it was ready.

Brief abstracts of the Survey's publications of the year are given in the annual report of the Director. The complete list of Survey publications affords, by means of finding lists of subjects and of authors, further aid in ascertaining the extent of the Survey's work in economic geology.

