



GEOLOGICAL SURVEY OF OHIO
 J. A. BOWNOCKER
 STATE GEOLOGIST

MAP SHOWING
 MINERAL INDUSTRIES
 OF

OHIO

BASED ON
 MATERIALS NATIVE TO THE STATE

BY
 J. A. BOWNOCKER AND W. STOUT

W. D. TURNBULL, CHIEF DRAFTSMAN
 1928

- LEGEND
- Oil producing territory
 - Gas producing territory
 - Oil refinery
 - Railroad shipping (mostly) coal mine
 - Stripping coal mine
 - Ceramic plant
 - Limestone crusher
 - Limstick
 - Limstick and limestone crusher
 - Limestone quarry for limesticks
 - Portland cement plant
 - Dolomite refractory plant
 - Soda ash plant
 - Gypsum mine
 - Sandstone quarry for building stone
 - Sandstone quarry for building and grimestones
 - Sandstone quarry for pulp stones
 - Sandstone quarry for grindstones
 - Sand and gravel pit
 - Iron molding sand pit
 - Steel molding sand plant
 - Glass sand plant
 - Salt works
 - Salt, bromine and calcium chloride works

Scale: 1" = 300,000' or about 0.36 mile to 1 inch

THE OHIO DIVISION GEOLOGICAL SURVEY

GEOLOGICAL SURVEY OF OHIO

FOURTH SERIES BULLETIN 33

MINERAL INDUSTRIES OF OHIO

BASED ON MATERIALS NATIVE TO THE STATE

- I. MAP SHOWING LOCATION OF INDUSTRIES,
- II. DIRECTORY OF PRODUCING FIRMS.

By J. A. BOWNOCKER AND W. STOUT

BULL. 33
G.S.O. 11A

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J. A. BOWNOCKER, State Geologist

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**OHIO GEOLOGICAL SURVEY
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COLUMBUS

1928

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INTRODUCTION

Bulletin 33, Geological Survey of Ohio, consists of two parts: *first*, a map of the State showing the location of the industries; and *second*, the names and addresses of the operating firms. Frequent requests have been received for information of this sort and consequently a welcome is forecast for this publication.

The information has been received from various sources. For the oil and gas producing areas the Survey is indebted to the Ohio Oil Co. and the Ohio Fuel Gas Co., and for the location of coal mines to the Deputy Inspectors of Mines. The National Lime and Stone Co. gave much assistance in its field. Professor J. E. Hyde sent in maps showing the principal sand and gravel pits in the Cleveland district. Professor H. E. Nold assisted in the location of clay plants. Numerous city engineers located sand and gravel pits in their territory.

For the list of coal operators the Survey is under great obligations to the Division of Mines, Department of Industrial Relations; and in like manner to the Division of Labor Statistics of the same department for names and addresses of producers of oil and gas and of drillers for these fuels.

CERAMIC PLANTS

Allen County

<i>Name and address</i>	<i>Location</i>	<i>Product</i>
Lima Brick Co., Lima	Central Sec. 19, Bath Tp.	Common brick
Nelson, C. A., Drain Tile Co., Beaverdam	N. E. Sec. 31, Richland Tp.	Drain tile

Ashtabula County

Graham Clay Products Co., Conneaut	Conneaut	Building tile
Zanesville Clay Product Co., Ashtabula	One mile west of Ashtabula	Paving brick

Athens County

Athena Glazed Brick Co., Nelsonville	West of Nelsonville	Glazed brick
Hisylvania Coal Co., Glouster Nelsonville Brick Co. Plant No. 2, Nelsonville	Glouster West of Nelsonville	Paving brick Paving block
Nelsonville Brick Co. Plant No. 1, Nelsonville	S. W. Sec. 30, York Tp.	Fire proofing

Auglaize County

Auglaize Tile Co., New Knoxville	N. W. Sec. 29, Washington Tp.	Drain tile
Minster Tile Plant, Minster	Cent. Sec. 34, Jackson Tp.	Drain tile and com- mon brick
Sandkuhl, George H., Kossuth Waynesfield Block & Tile Co., Waynesfield	S. E. Sec. 25, Salem Tp. S. W. Sec. 20, Wayne Tp.	Drain tile Drain tile and build- ing block

Belmont County

Standard Stone & Brick Co., McClainville	N. E. Sec. 12, Pultney Tp.	Building block and common brick
Suburban Brick Co., Bellaire	Bellaire,	Building block and common brick

Carroll County

Albright China Co., Carrollton	S. W. Sec. 32, Center Tp.	Tableware
Carrollton Pottery Co., Carrollton	S. W. Sec. 32, Center Tp.	Tableware
Consolidated Clay Products Co., Malvern	S. W. Sec. 16, Brown Tp.	Fire proofing
Hickory Clay Products Co., Mineral City, Tuscarawas County	N. Cent. Sec. 33, Rose Tp.	Building block
Hoover Clay Products Co., Mineral City, Tuscarawas County	E. Cent. Sec. 33, Rose Tp.	Ground clay

CERAMIC PLANTS—Continued

Carroll County—Concluded

<i>Name and address</i>	<i>Location</i>	<i>Product</i>
Malvern Clay Co., Malvern	W. Cent. Sec. 21, Brown Tp.	Fire proofing
Metropolitan Paving Brick Co., Minerva	W. Cent. Sec. 11, Brown Tp.	Fire proofing
Medal Brick & Tile Co., Malvern	E. Cent. Sec. 19, Brown Tp.	Face brick
Medal Brick & Tile Co., Carrollton	S. E. Sec. 7, Center Tp.	Face brick
National Fire Proofing Co., Magnolia plant, Magnolia, Stark County	Cent. Sec. 29, Rose Tp.	Fire proofing
Owens China Co., Minerva	S. E. Sec. 2, Brown Tp.	Tableware
Robinson Clay Product Co. Plant No. 7, Malvern	Cent. Sec. 20, Brown Tp.	Sewer pipe
Whitacre-Greer Fireproofing Co. Plant No. 3, Waynesburg, Stark County	S. W. Sec. 13, Brown Tp.	Fire proofing
Whitacre-Greer Fireproofing Co. Plant No. 5, Magnolia, Stark County	Cent. Sec. 29, Rose Tp.	Fire proofing

Clermont County

Blair Brick Co. (Cincinnati Builders Supply Co.), New Richmond	Blairsville	Common brick
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Columbiana County

Adamant Porcelain Co., East Liverpool	East Liverpool	Electrical porcelain
American Porcelain Co. Plant No. 1, East Liverpool	East Liverpool	Electrical porcelain
American Porcelain Co. Plant No. 2, East Liverpool	East Liverpool	Electrical porcelain
American Vitrified Products Co. Plant No. 36, Lisbon	N. Cent. Sec. 19, Elk Run Tp.	Sewer pipe and hot top shapes
American Vitrified Products Co. Plant No. 3, East Liverpool	East Liverpool	Sewer pipe
Babcock & Wilcox Co., East Liverpool	S. E. Sec. 36, Liverpool Tp.	Fire brick
Burgess & Co., Wellsville	Wellsville	Potters supplies
Cartwright Bros. Co., East Liverpool	East Liverpool	Tableware
Colonial Co., East Liverpool	East Liverpool	Tableware
Dresden Pottery Co. Plant No. 1, East Liverpool	East Liverpool	Tableware
Dresden Pottery Co. Plant No. 2, East Liverpool	East Liverpool	Tableware
East Liverpool Brick Mfg. Co., East Liverpool	East Liverpool	Face brick

CERAMIC PLANTS—Continued

Columbiana County—Continued

<i>Name and address</i>	<i>Location</i>	<i>Product</i>
Electrical Refractories Co., East Palestine	East Palestine	Electrical porcelain
Excelsior Fire Clay Co., Lisbon	Lisbon	Chimney tops
George, W. S., Pottery Co. Plant No. 1, East Palestine	East Palestine	Tableware
George, W. S., Pottery Co. Plant No. 4, East Palestine	East Palestine	Tableware
Golding Sons Co., East Liverpool	East Liverpool	Ground feldspar
Hall China Co. Plant No. 1, East Liverpool	East Liverpool	Cooking ware
Hall China Co. Plant No. 2, East Liverpool	East Liverpool	Cooking ware
Hall China Co. Plant No. 3, East Liverpool	East Liverpool	Cooking ware
Harker Pottery Co. Plant No. 1, East Liverpool	East Liverpool	Tableware
Harker Pottery Co. Plant No. 2, East Liverpool	East Liverpool	Tableware
Knowles, Taylor & Knowles Co. Plant No. 1, East Liverpool	East Liverpool	Tableware
Knowles, Taylor & Knowles Co. Plant No. 2, East Liverpool	East Liverpool	Tableware
Knowles, Taylor & Knowles Co. Plant No. 3, East Liverpool	East Liverpool	Tableware
Knowles, Taylor & Knowles Co. Plant No. 4, East Liverpool	East Liverpool	Tableware
Laughlin, Homer, China Co. Plant No. 1, East Liverpool	East Liverpool	Tableware
Laughlin, Homer, China Co. Plant No. 2, East Liverpool	East Liverpool	Tableware
Louthan Manufacturing Co., East Liverpool	East Liverpool	Electrical porcelain
McLain Fire Brick Co. Colonial Works, Wellsville	N. Cent. Sec. 33, Yellow Creek Tp.	Fire brick
McLain Fire Brick Co. Buckeye Works, Wellsville	W. Cent. Sec. 9, Yellow Creek Tp.	Fire brick
McLain Fire Brick Co. Champion Works, Wellsville	S. W. Sec. 35, Liverpool Tp.	Fire brick
McNicol, D. E., Pottery Co. Plant No. 1, East Liverpool	East Liverpool	Tableware
McNicol, D. E., Pottery Co. Plant No. 2, East Liverpool	East Liverpool	Stoneware

CERAMIC PLANTS—Continued

Columbiana County—Concluded

<i>Name and address</i>	<i>Location</i>	<i>Product</i>
McNicol, T. A., China Co., East Liverpool	East Liverpool	Tableware
McNicol-Corns Co., Wellsville	Wellsville	Tableware
Mountford & Son, East Liverpool	East Liverpool	Potters supplies
National China Co., Salineville	Salineville	Tableware
National Fire Proofing Co. East Palestine Plant, East Palestine	S. E. Sec. 25, Unity Tp.	Fire proofing
Potters Mining & Milling Co., East Liverpool	East Liverpool	Ground flint
Potters Supply Co., East Liverpool	East Liverpool	Potters supplies
Riverside Knob Co., East Liverpool	East Liverpool	Electrical porcelain
Salem China Co., Salem	Salem	Tableware
Saratoga Fire Clay Co. Plant No. 1, Lisbon	N. Cent. Sec. 23, Center Tp.	Ground clay
Saratoga Fire Clay Co. Plant No. 2, Negley	Cent. Sec. 12, Middleton Tp.	Ground clay
Smith-Phillips China Co., East Liverpool	East Liverpool	Tableware
Standard Pottery Co., East Liverpool	East Liverpool	Tableware
Sterling China Co., Wellsville	Wellsville	Hotel ware
Strabley & Sons, Salineville	Salineville	Fire proofing
Summitville Face Brick Co., Summitville	Cent. Sec. 23, Franklin Tp.	Face brick
Thomas, R., & Sons Co. Lisbon plant, Lisbon	Lisbon	Electrical porcelain
Thomas, R., & Sons Co. East Liverpool plant, East Liver- pool	East Liverpool	Electrical porcelain
Thompson, C. C., Pottery Co., East Liverpool	East Liverpool	Tableware
Trenle China Co., East Liverpool	East Liverpool	Tableware
U. S. Pottery Co., Wellsville	Wellsville	Tableware
Vodrey Pottery Co., East Liverpool	East Liverpool	Tableware
Wellsville China Co., Wellsville	Wellsville	Tableware
West End Pottery Co., East Liverpool	East Liverpool	Tableware
Wooster Fire Clay Co., Wellsville	W. Cent. Sec. 9, Yellow Creek Tp.	Ground clay

CERAMIC PLANTS—Continued

Coshocton County

<i>Name and address</i>	<i>Location</i>	<i>Product</i>
Coshocton Brick Co., Coshocton	Coshocton	Face brick
National Art Pottery Co., Coshocton	Coshocton	Art ware
Pope-Gosser China Co., Coshocton	Coshocton	Tableware

Crawford County

Chatfield Tile & Brick Co., Chatfield	S. E. Sec. 18, Chatfield Tp.	Drain tile
McDougal, Victor H., North Robinson	W. Cent. Sec. 10, Jefferson Tp.	Drain tile
Shoup, J. H., & Son, New Washington	N. W. Sec. 15, Cranberry Tp.	Drain tile

Cuyahoga County

Bailey-Walker China Co., Bedford	East of Bedford	Tableware
Berea Brick & Tile Co., Berea	N. W. of Binola	Common brick and building tile
Cleveland Brick & Clay Co., Cleveland	On Mill Creek	Paving brick
Cleveland Builders Supply & Brick Co. Brookside plant, Cleveland	Near Brookside Park	Face brick and fire proofing
Cleveland Builders Supply & Brick Co. Denison plant, Cleveland	N. W. of Brookside Park	Face brick and fire proofing
Cleveland Builders Supply & Brick Co. Kinsman plant, Cleveland	On Kingsbury Run	Face brick and fire proofing
Cleveland Builders Supply & Brick Co., Independence plant, Cleveland	Near mouth of Morgan Run	Face brick and fire proofing
Cleveland Builders Supply & Brick Co. Pearl plant, Cleveland	S. W. of Brooklyn	Face brick and fire proofing
Cleveland Builders Supply & Brick Co. Reeves plant, Cleveland	Near Forest City Park	Face brick and fire proofing
Cleveland Builders Supply & Brick Co. Valley View plant, Cleveland	S. E. of Willow	Face brick and fire proofing
Cleveland Builders Supply & Brick Co., Vernon plant, Cleveland	On Kingsbury Run	Face brick and fire proofing

CERAMIC PLANTS—Continued

Cuyahoga County—Concluded

<i>Name and address</i>	<i>Location</i>	<i>Product</i>
Cleveland Builders Supply & Brick Co. Warner plant, Cleveland	Near Willow	Face brick and fire proofing
Cleveland Pottery Co., Cleveland	South of Willow	Flower pots
Collinwood Shale Brick & Supply Co., Collinwood	N. E. of Collinwood	Paving block
Cowan Pottery Studio Inc., Rocky River	At Rocky River	Art pottery
Hydraulic-Press Brick Co., Cleveland	Near Independence	Face brick
Independent Brick & Tile Co., Cleveland	N. E. of Thornbury	Face brick
Ohio Clay Co., Cleveland	On Mill Creek	Face brick
Superior Brick Co., Cleveland	East of South Brooklyn	Face brick

Darke County

Burkettsville Tile Manufacturing Co., Burkettsville	N. E. Sec. 3, Allen Tp.	Drain tile
Clark, B. F., Versailles	S. Cent. Sec. 18, Wayne Tp.	Drain tile
Nelson & Moore, Greenville	S. E. Sec. 34, Greenville Tp.	Drain tile and common brick
Yorkshire Clay Co., Yorkshire	N. W. Sec. 18, Patterson Tp.	Drain tile

Defiance County

Mark Center Tile Works, Mark Center	Sec. 16, Mark Tp.	Drain tile
Ney Tile Co., Ney	Sec. 21, Washington Tp.	Drain tile

Delaware County

Delaware Clay Co., Delaware	Delaware	Building tile
Galena Shale Tile & Brick Co., Galena	Galena	Drain tile
Grove, G. W., & Sons, Center Village	Center Village	Drain tile

Erie County

Erie Brick & Cement Products Co., Sandusky	Sandusky	Common brick
Lavey, James, Milan	One mile east of Milan	Flower pots
Monroeville Clay Products Co., Berlin Heights	Berlin Heights	Drain tile
Park & Tucker, Avery	Avery	Drain tile
Universal Clay Products Co., Sandusky	Sandusky	Electrical porcelain

CERAMIC PLANTS—Continued

Fairfield County

<i>Name and address</i>	<i>Location</i>	<i>Product</i>
Fenstemaker, W. E., & Son, Pickerington	Pickerington	Drain tile

Fayette County

Rife, A. W., Good Hope	Good Hope	Drain tile
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Franklin County

Claycraft Mining & Brick Co. Plant No. 1, Columbus	Taylors, Jefferson Tp.	Face brick
Claycraft Mining & Brick Co. Plant No. 2, Columbus	Taylors, Jefferson Tp.	Face brick
Columbus Clay Manufactur- ing Co., Columbus	Taylors, Jefferson Tp.	Drain tile
Ebinger, D. A., Sanitary Manufacturing Co., Columbus	West Columbus	Sanitary ware
Everal, F. H., Westerville	N. W. Blenden Tp.	Drain tile
Federal Tile Co., Columbus	Sharon Tp.	Floor and wall tile
Sanitary Earthenware Spe- cialty Co., Columbus	N. E. Columbus	Sanitary ware
Shale Brick Co., Columbus	North of Fairgrounds	Common brick

Fulton County

Archbold Brick & Tile Co., Archbold	Sec. 33, German Tp.	Drain tile and build- ing block
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Gallia County

Gallipolis Tile & Brick Works, Gallipolis	N. E. Sec. 23, Gallipolis Tp.	Drain tile and com- mon brick
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Guernsey County

Atlas-Globe China Co. Plant No. 2, Cambridge	Cambridge	Tableware
Cambridge Sanitary Manu- facturing Co., Cambridge	Cambridge	Sanitary ware
Cook Porcelain Insulator Corp., Byesville	Byesville	Electrical porcelain
Nicholson Clay Products Co., Byesville	North of Byesville	Building block and common brick
Oxford Pottery Co., Cambridge	Cambridge	Cooking ware

CERAMIC PLANTS—Continued

Hamilton County

<i>Name and address</i>	<i>Location</i>	<i>Product</i>
Cincinnati Builders Supply Co., Newtown	Newtown	Common brick
Cincinnati Porcelain Co., Cincinnati	Winton Place	Electrical porcelain
Cincinnati Tile & Pottery Co., Cincinnati	Reading Road	Faience tile and pottery
Douglas, John, Co., Cincinnati	Carthage	Sanitary ware
Harrison Pottery, Harrison	Harrison	Flower pots
Heidecker Brick Co., Sharonville	Near Sharonville	Common brick
Mitchell Brick Co., Cincinnati	Saylor Park	Common brick and building tile
Mount Healthy Brick Co., Mount Healthy	Mount Healthy	Common brick
Queen City Shale Brick Co., Cincinnati	Fairmont	Common brick and building tile
Rookwood Pottery, Cincinnati	Rookwood Place	Art pottery
Suer, H., & Son, Rossmoyne	Rossmoyne	Common brick
Taylor, Charles, Sons Co., Cincinnati	Burns Street	Fire brick
Wheatley Pottery Co., Cincinnati	Linwood	Faience ware and chemical stoneware

Hancock County

Findlay Clay Pot Co., Findlay	Findlay	Glass pots and tank blocks
Findlay Electrical Porcelain Co., Findlay	Findlay	Electrical porcelain
Hancock Brick & Tile Co., Findlay	Sec. 30, Marion Tp.	Drain tile
Hilty, J. H., & Co., Rawson	Sec. 29, Van Buren Tp.	Drain tile

Hardin County

Kenton Brick & Tile Co., Kenton	Near Kenton	Drain tile and common brick
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Harrison County

Albright China Co., Scio	Scio	Tableware
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Henry County

Deitrick, M. N., Shunk	W. Cent. Sec. 26, Harrison Tp.	Drain tile
Hamler Brick & Tile Co., Hamler	Sec. 11, Marion Tp.	Drain tile
Honeck, A., & Son, Malinta	S. W. Sec. 16, Monroe Tp.	Drain tile

CERAMIC PLANTS—Continued

Henry County—Concluded

<i>Name and address</i>	<i>Location</i>	<i>Product</i>
Napoleon Brick & Tile Works, Napoleon	N. E. Sec. 13, Napoleon Tp.	Drain tile and com- mon brick
Richolt Bros., Holgate	N. Cent. Sec. 2, Pleasant Tp.	Drain tile
Rogers, L. J., Deshler	N. W. Sec. 2, Bartlow Tp.	Drain tile

Highland County

Mowrystown Brick & Tile Co., Mowrystown	Mowrystown	Drain tile
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Hocking County

Hocking Valley Brick Co., Logan	Logan	Paving brick
Hocking Valley Products Co., Greendale	S. E. Sec. 6, Green Tp.	Face brick
Keener Sand & Clay Co., Carbon Hill	Sec. 26, Ward Tp.	Ground clay
Logan Clay Products Co., Logan	Logan	Sewer pipe
Logan Pottery Co., Logan	Logan	Stoneware
National Fire Proofing Co. Plant No. 1, Haydenville	Haydenville	Fire proofing
National Fire Proofing Co. Plant No. 2, Haydenville	Haydenville	Fire proofing
Ohio Fire Proofing Co., Nelsonville, Athens County	N. E. cor. Starr Tp.	Fire proofing
Union Furnace Clay Products Co., Union Furnace	Union Furnace	Face brick

Holmes County

General Clay Products Co., Baltic, Tuscarawas County	S. E. Sec. 25, Germain Tp.	Building block and drain tile
Mount Cherry Coal Co., Fredericksburg, Wayne County	N. E. Sec. 25, Prairie Tp.	Face brick

Huron County

Biglow, E., Co., New London	N. E. of New London	Drain tile and com- mon brick
Green, C. H., estate, Wakeman	S. W. of Wakeman	Drain tile and com- mon brick
Kehres, S. H., & Son, Plymouth, Crawford County	S. Cent. Richmond Tp.	Drain tile
Norwalk Brick & Stone Co., Norwalk	North of Norwalk	Drain tile and com- mon brick
Porous Products Corp., Monroeville	Monroeville	Drain tile and com- mon brick

CERAMIC PLANTS—Continued

Jackson County

<i>Name and address</i>	<i>Location</i>	<i>Product</i>
Aetna Fire Brick Co., Oak Hill	Oak Hill	Fire brick
Cedar Heights Clay & Coal Co., Oak Hill	S. E. Sec. 12, Jefferson Tp.	Ground clay
Davis Fire Brick Co., Oak Hill	Oak Hill	Fire brick
Dee, Wm. E., Co., Oak Hill	S. E. Sec. 24, Jefferson Tp.	Sewer pipe and fire brick
Diamond Brick Co., Oak Hill	S. W. Sec. 24, Jefferson Tp.	Fire proofing
Oak Hill Fire Brick & Coal Co., Oak Hill	Oak Hill	Fire brick
Ohio Fire Brick Co., Oak Hill	Oak Hill	Fire brick
Portsmouth Refractories Co., Portsmouth, Scioto County	N. W. Sec. 34, Jefferson Tp.	Ground clay
Pyro Clay Products Co., Oak Hill	S. W. Sec. 8, Madison Tp.	Fire brick
Wellston Clay Products Co., Wellston	Cent. Sec. 12, Milton Tp.	Face brick

Jefferson County

American Vitrified Products Co. Plant No. 13, Toronto	E. Cent. Sec. 25, Knox Tp.	Sewer pipe
American Vitrified Products Co. Plant No. 14, Toronto	E. Cent. Sec. 25, Knox Tp.	Sewer pipe
Banfield Clay Co., Irondale	S. W. Sec. 26, Saline Tp.	Face brick
Dando, Frederick J., Hammondsville	N. E. Sec. 24, Saline Tp.	Fire brick
East Ohio Sewer Pipe Co., Irondale	S. Cent. Sec. 26, Saline Tp.	Sewer pipe
Great Northern Sewer Pipe Co.—Stratton Fire Clay Co., Empire	Cent. Sec. 35, Saline Tp.	Sewer pipe
Kaul Clay Manufacturing Co., Toronto	N. E. Sec. 25, Knox Tp.	Sewer pipe
McLain Fire Brick Co. Irondale works, Irondale	E. Cent. Sec. 25, Saline Tp.	Fire brick
Ohio River Sewer Pipe Co.—Stratton Fire Clay Co., Empire	Cent. Sec. 34, Knox Tp.	Sewer pipe
Ohio Valley Clay Co., Steubenville	Steubenville	Glass pots
Ohio Valley Clay Products Co., Port Homer	Sec. 6, Saline Tp.	Sewer pipe
Peerless Clay Manufacturing Co., Port Homer	E. Cent. Sec. 6, Saline Tp.	Sewer pipe
Standard Clay Co., Empire	S. E. Sec. 34, Knox Tp.	Face brick
Steubenville Pottery Co. Stanton Park plant, Steubenville	S. Cent. Sec. 32, Island Creek Tp.	Tableware

CERAMIC PLANTS—Continued

Jefferson County—Concluded

<i>Name and address</i>	<i>Location</i>	<i>Product</i>
Steubenville Pottery Co. Steubenville plant, Steubenville	Steubenville	Tableware
Stowe-Fuller Refractories Co., Empire	S. E. Sec. 33, Knox Tp.	Fire brick
Stratton Fire Clay Co. Factory A, Empire	N. Cent. Sec. 34, Knox Tp.	Sewer pipe
Toronto Fire Clay Co. Plant No. 1, Toronto	S. E. Sec. 25, Knox Tp.	Face brick
Toronto Fire Clay Co. Plant No. 2, Toronto	S. E. Sec. 25, Knox Tp.	Face brick
Toronto Fire Clay Co. Plant No. 3, Toronto	S. W. Sec. 35, Saline Tp.	Paving and building brick
Union Clay Manufacturing Co., Empire	N. E. Sec. 33; Knox Tp.	Sewer pipe
Wheeling Sanitary Manu- facturing Co., Tiltonville	Tiltonville	Sanitary ware

Lake County

Buckeye Shale Brick Co., Wickliffe	West of Wickliffe	Face brick
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Lawrence County

Andic Coal Co., Pedro	Near Pedro	Ground clay
Cambria Clay Products Co. Brick plant, Blackfork	Cent. Sec. 1, Washington Tp.	Face brick
Cambria Clay Products Co. Pipe plant, Blackfork	W. Cent. Sec. 11, Washington Tp.	Sewer pipe
Carlyle-Labold Co., Coal Grove	S. W. Sec. 2, Upper Tp.	Face brick
Ironton Fire Brick Co., Ironton	South part of Ironton	Fire brick
Ohio Refractories Co., Ironton	Ironton	Fire brick
Portsmouth Refractories Co., Firebrick	S. E. Sec. 4, Washington Tp.	Fire brick

Licking County

Art Pottery Co., Newark	Newark	Floor and wall tile
Hanover Brick Co., Hanover	Hanover	Face brick
Vogelmeier Bros., Newark	South of Newark	Common brick

Logan County

Bayer, D. B., Lakeview	N. E. Sec. 34, Stokes Tp.	Drain tile
Graham, C. E., New Hamp- shire, Auglaize County	S. E. Sec. 9, Stokes Tp.	Drain tile
Van Cleave Clay Manufac- turing Co., West Mansfield	West Mansfield	Drain tile and com- mon brick

CERAMIC PLANTS—Continued

Lorain County

<i>Name and address</i>	<i>Location</i>	<i>Product</i>
Petty, Mead, Birmingham, Erie County	One and one-half mile E. of Henrietta	Drain tile

Lucas County

Allen Filter Co., Toledo	Toledo	Filters
Buckeye Clay Pot Co., Toledo	S. Sec. 20, Oregon Tp.	Glass pots
Collingwood Brick and Clay Co., Toledo	S. E. Sec. 13, Washington Tp.	Common brick
Ohio Brick Co., Toledo	Cent. Sec. 32, Oregon Tp.	Common brick
Ritter Pottery Co., Toledo	Near Airline Junction	Flower pots
Rock Products Co., Toledo	N. W. Sec. 20, Sylvania Tp.	Ground feldspar

Madison County

Madison Tile Co., London	East part of London	Drain tile and com- mon brick
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Mahoning County

Alliance Brick Co. Plant No. 1, Alliance, Stark County	S. E. Sec. 29, Smith Tp.	Face brick
Alliance Brick Co. Plant No. 2, Alliance, Stark County	W. Cent. Sec. 31, Smith Tp.	Face brick
Alliance Clay Product Co. Plant No. 1, Alliance, Stark County	S. W. Sec. 31, Smith Tp.	Face brick
Alliance Clay Product Co. Plant No. 2, Alliance, Stark County	S. W. Sec. 31, Smith Tp.	Face brick
Alliance Clay Product Co. Plant No. 3, Alliance, Stark County	S. W. Sec. 31, Smith Tp.	Face brick
American Fire Clay Products Co., Canfield	N. E. Sec. 1, Green Tp.	Ground clay
Barnard Clay Products Co., Greenford	N. W. Sec. 23, Green Tp.	Fire proofing
French China Co., Sebring	Sebring	Tableware
Gem Clay Forming Co., Sebring	Sebring	Potters supplies
Limoges China Co., Sebring	Sebring	Tableware
Saxon China Co., Sebring	Sebring	Tableware
Sebring Pottery Co., Sebring	Sebring	Tableware
Sebring, E. H., China Co., Sebring	Sebring	Tableware
Strong Mfg. Co., Sebring	Sebring	Tableware

CERAMIC PLANTS—Continued

Marion County

<i>Name and address</i>	<i>Location</i>	<i>Product</i>
LaRue Tile Co., LaRue	S. W. Sec. 21, Montgomery Tp.	Drain tile
Morral Clay Co., Morral	Morral	Drain tile and common brick

Medina County

Wadsworth Brick & Tile Co. Plant No. 1, Wadsworth	One and one-half mile S. W. of Wadsworth	Face brick
Wadsworth Brick & Tile Co. Plant No. 2, Wadsworth	Wadsworth	Face brick

Mercer County

Birkmeyer & Son Tile & Coal Co., Coldwater	N. W. Sec. 34, Butler Tp.	Drain tile, common brick, building block
Celina Brick Co., Celina	N. E. Sec. 36, Jefferson Tp.	Common brick
Fort Recovery Tile Co., Fort Recovery	Sec. 20, Recovery Tp.	Drain tile
Hines & Roettger, Mercer King, W. H., Rockford	N. W. Sec. 36, Dublin Tp. N. W. Sec. 21, Dublin Tp.	Drain tile Drain tile and common brick
Roettger Drain Tile Co., Wabash	W. Cent. Sec. 34, Liberty Tp.	Drain tile

Muskingum County

American Encaustic Tiling Co., Zanesville	North of Zanesville	Floor and wall tile
Brush Pottery Co., Zanesville	Sec. 2, Springfield Tp.	Art pottery
Burley & Winter Co., South Zanesville	Sec. 1, Springfield Tp.	Stoneware
Empire Floor & Wall Tile Co., Zanesville	Sec. 12, Springfield Tp.	Floor and wall tile
Fraunfelter China Co., Zanesville	Sec. 12, Springfield Tp.	Porcelain tableware
Fultonham Texture Brick Co., Fultonham	S. W. Sec. 19, Newton Tp.	Face brick
Hydraulic-Press Brick Co., Roseville	S. E. Sec. 34, Newton Tp.	Face brick
Mosaic Tile Co., Zanesville	Sec. 12, Springfield Tp.	Floor and wall tile
Nicholson Corporation, South Zanesville	South Zanesville	Face brick
Robinson-Ransbottom Pottery Co., Roseville	Roseville	Stoneware
Roseville Pottery Co., Zanesville	North of Zanesville	Art pottery
Standard Tile Co., South Zanesville	Sec. 1, Springfield Tp.	Floor and wall tile

CERAMIC PLANTS—Continued

Muskingum County—Concluded

<i>Name and address</i>	<i>Location</i>	<i>Product</i>
Ohio Welfare Dept., Roseville	N. W. Sec. 3, Clay Tp.	Face brick
Tycer, W., Pottery Co., Roseville	Roseville	Cooking ware
Weller, S. A., Co. Putnam plant, Zanesville	Sec. 12, Springfield Tp.	Art pottery
Weller, S. A., Co. Sharon Ave. plant, Zanesville	Zanesville	Art pottery
Weller, S. A., Co. Ceramic Ave. plant, Zanesville	Zanesville	Art pottery
Zane Pottery Co., South Zanesville	Sec. 13, Springfield Tp.	Flower pots
Zanesville Clay Products Co. Plant No. 1, Zanesville	East of Zanesville	Paving brick
Zanesville Clay Products Co. Plant No. 2, Zanesville	East of Zanesville	Paving brick
Zanesville Stoneware Co., Zanesville	Sec. 12, Springfield Tp.	Stoneware specialties

Noble County

Ava Brick Co., Ava	S. W. Sec. 30, Buffalo Tp.	Face brick
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Ottawa County

Gleckler, F. W., Oak Harbor	Cent. Sec. 4, Salem Tp.	Drain tile
Gleckler, Rollin, Elmore	N. E. Sec. 8, Harris Tp.	Drain tile
Klingbeil Tile Co., Trowbridge	W. Cent. Sec. 5, Benton Tp.	Drain tile
Leow, Harmon, & Co., Oak Harbor	N. W. Sec. 4, Salem Tp.	Drain tile
Oak Harbor Clay Products Co., Oak Harbor	Cent. Sec. 4, Salem Tp.	Drain tile

Paulding County

Baughman, Chris, Broughton	W. Cent. Sec. 26, Jackson Tp.	Drain tile
Dangler, C. A., Paulding	Cent. Sec. 30, Emerald Tp.	Drain tile
Harmon, Nick, & Son, Antwerp	S. W. Sec. 26, Carryall Tp.	Drain tile
Haviland Clay Works Co., Haviland	Haviland	Drain tile
Stall, H. E., & Son, Grover Hill	S. Cent. Sec. 23, Latty Tp.	Drain tile
Thompson, Amos, Cecil	Cent. Sec. 14, Cranberry Tp.	Drain tile
Weippert, J. J., Cecil	S. E. Sec. 9, Emerald Tp.	Drain tile

Perry County

Belden Brick Co., Somerset	Sec. 3, Reading Tp.	Face brick
Brush Pottery Co., Roseville, Muskingum County	S. E. Sec. 4, Harrison Tp.	Stoneware

CERAMIC PLANTS—Continued

Perry County—Continued

<i>Name and address</i>	<i>Location</i>	<i>Product</i>
Burley & Winter Pottery Co. Keystone No. 2 plant, Crooksville	S. Cent. Sec. 17, Harrison Tp.	Stoneware
Burley & Winter Pottery Co. Plant No. 1, Crooksville	S. Cent. Sec. 17, Harrison Tp.	Stoneware
Central Refractories Co. New Lexington plant, New Lexington	N. E. Sec. 8, Pike Tp.	Face brick
Central Refractories Co. Shawnee plant, New Lexington	S. E. Sec. 16, Salt Lick Tp.	Face brick
Claycraft Mining & Brick Co. Plant No. 1, Shawnee	E. Cent. Sec. 16, Salt Lick Tp.	Face brick
Claycraft Mining & Brick Co. Plant No. 2, Shawnee	E. Cent. Sec. 16, Salt Lick Tp.	Face brick
Crooksville, China Co., Crooksville	S. E. Sec. 17, Harrison Tp.	Tableware
Crooksville Pottery Co., Crooksville	S. E. Sec. 16, Harrison Tp.	Stoneware
Hull, A. E., Pottery Co. Plant No. 1, Crooksville	Cent. Sec. 21, Harrison Tp.	Floor and wall tile
Hull, A. E., Pottery Co. Plant No. 2, Crooksville	W. Cent. Sec. 16, Harrison Tp.	White utility ware
Ironclay Brick Co., Shawnee	N. W. Sec. 20, Salt Lick Tp.	Face brick
Junction City Sewer Pipe Co., Junction City	N. E. Sec. 10, Jackson Tp.	Sewer pipe
Liberty China Co., New Lexington	S. E. Sec. 5, Pike Tp.	Hotel china ware
Lowry, C. W., Pottery Co., Roseville, Muskingum County	S. E. Sec. 4, Harrison Tp.	Cooking ware
Ludowici-Celadon Co., New Lexington	N. Cent. Sec. 7, Pike Tp.	Roofing tile
Nelson McCoy Sanitary Stone- ware Co., Roseville, Mus- kingum County	N. E. Sec. 4, Harrison Tp.	Stoneware
Muskingum Pottery Co., Crooksville	W. Cent. Sec. 21, Harrison Tp.	Stoneware
National Pottery Co. Plant No. 1, Roseville, Muskingum County	Sec. 4, Harrison Tp.	Mixing bowls and faience ware
National Pottery Co. Plant No. 2, Roseville, Muskingum County	Sec. 4, Harrison Tp.	Flower pots
Rush Creek Clay Co., Junction City	S. W. Sec. 3, Jackson Tp.	Drain tile
Star Stoneware Co., Crooksville	W. Cent. Sec. 21, Harrison Tp.	Stoneware

CERAMIC PLANTS—Continued

Perry County—Concluded

<i>Name and address</i>	<i>Location</i>	<i>Product</i>
State Brick Plant, Junction City	Cent. Sec. 5, Jackson Tp.	Paving brick
Straitsville Impervious Brick Co., New Straitsville	Cent. Sec. 30, Coal Tp.	Face brick
Watt Pottery Co., Crooksville	N. E. Sec. 20, Harrison Tp.	Stoneware

Pickaway County

Ashville Fire Proofing Co., Ashville	N. E. Sec. 1, Circleville Tp.	Drain tile and build- ing block
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Pike County

Beaver Tile & Brick Co., Beaver	Cent. Sec. 4, Marion Tp.	Drain tile
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Portage County

Albright, J. E., Co., Ravenna	Ravenna	Marbles and grave stones
United Clay Products Co., Diamond	North of Palmyra Station	Face brick and hol- low tile

Putnam County

Broecker Bros., Ft. Jennings	S. E. Sec. 32, Jennings Tp.	Drain tile
Buckeye Brick & Tile Co., Continental	N. E. Sec. 34, Monroe Tp.	Drain tile
Columbus Grove Brick & Tile Co., Columbus Grove	E. Cent. Sec. 28, Pleasant Tp.	Drain tile
Diller, A. C., Bluffton	S. Cent. Sec. 26, Riley Tp.	Drain tile
Etter, Charles C., Dupont	S. W. Sec. 8, Perry Tp.	Drain tile
Gable, J. D., & Son, Gilboa	N. W. Sec. 26, Blanchard Tp.	Drain tile
Glandorf Tile Co., Glandorf	S. Cent. Sec. 17, Ottawa Tp.	Drain tile
Miller Bros., Ottoville	W. Cent. Sec. 30, Monterey Tp.	Drain tile
Miller City Tile Co., Miller City	E. Cent. Sec. 26, Palmer Tp.	Drain tile
Neff Bros., North Creek	N. W. Sec. 7, Palmer Tp.	Drain tile
Ottawa Tile Co., Ottawa	S. W. Sec. 23, Ottawa Tp.	Drain tile
Snyder, J. J., Continental	N. W. Sec. 26, Monroe Tp.	Drain tile
Snyder Brick Co., Ottawa	S. W. Sec. 23, Ottawa Tp.	Common brick
Snyder & Etter, Townwood	N. W. Sec. 25, VanBuren Tp.	Drain tile
Terry, Fred, Leipsic	E. Cent. Sec. 25, Liberty Tp.	Drain tile

Richland County

Mansfield Shale Products Co., Mansfield	S. E. Sec. 26, Weller Tp.	Face brick and drain tile
North American Brick & Clay Products Co., Mansfield	S. W. Sec. 26, Weller Tp.	Face brick and drain tile
Richland Shale Brick Co., Mansfield	S. W. Sec. 26, Weller Tp.	Face brick and drain tile

CERAMIC PLANTS—Continued

Ross County

<i>Name and address</i>	<i>Location</i>	<i>Product</i>
Buckeye Tile Co., Chillicothe	Chillicothe	Floor and wall tile
Horton Pottery Co., Chillicothe	Chillicothe	Sanitary ware

Sandusky County

Kingsway Drain Tile Co., Fremont	N. Cent. Sec. 9, Sandusky Tp.	Drain tile
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Scioto County

Buckeye Fire Brick & Clay Co., Scioto Furnace	S. W. Sec. 21, Bloom Tp.	Fire brick
Carlyle-Labold Co., Portsmouth	E. Cent. Sec. 12, Porter Tp.	Face brick
Harbison-Walker Refractories Co. Frederick Creek mill, Portsmouth	N. E. Sec. 20, Bloom Tp.	Ground clay
Harbison-Walker Refractories Co. Portsmouth works, Portsmouth	Portsmouth	Fire brick
Harbison-Walker Refractories Co. Star works, Portsmouth	N. W. Sec. 7, Porter Tp.	Fire brick
Morgan & Horton, Eifort	Cent. Sec. 5, Bloom Tp.	Ground clay
Peebles Paving Brick Co. Plant No. 1, Portsmouth	Near New Boston	Paving brick
Peebles Paving Brick Co. Plant No. 2, Portsmouth	Near New Boston	Paving brick
Portsmouth Refractories Co. Portsmouth works, Portsmouth	North part of Portsmouth	Fire brick
Portsmouth Refractories Co. Damron Hill works, Portsmouth	East part of Portsmouth	Fire brick
Webster Brick Co., South Webster	S. E. Sec. 15, Bloom Tp.	Face brick

Seneca County

American Clay Forming Co., Tiffin	S. W. Sec. 18, Clinton Tp.	Electrical and gas heating porcelain
Cook, W. F., Carrothers	S. W. Sec. 33, Venice Tp.	Drain tile
Gerhardtstein, Otto, St. Stephens	N. E. Sec. 25, Bloom Tp.	Drain tile
Heilman Brothers, Tiffin	N. W. Sec. 20, Clinton Tp.	Drain tile
Keller, George M., & Son, Attica	S. E. Sec. 3, Venice Tp.	Drain tile
Miller, J. A., Tile Co., Bascom	N. E. Sec. 18, Hopewell Tp.	Drain tile, building block, and com- mon brick
Standard Sanitary Mfg. Co., Tiffin	S. W. Sec. 18, Clinton Tp.	Sanitary ware

CERAMIC PLANTS—Continued

Shelby County

<i>Name and address</i>	<i>Location</i>	<i>Product</i>
Fleckenstein, Gregor, Loramie	N. E. Sec. 15, McLean Tp.	Drain tile
Fleckenstein, J. G., Anna	S. W. Sec. 28, Dinsmore Tp.	Drain tile

Stark County

Alliance Vitreous China Co., Alliance	Alliance	Sanitary and hotel ware
Barber Clay Industries Co., Canton	N. W. Sec. 11, Pike Tp.	Fire proofing
Belden Brick Co., Canton	S. E. Sec. 15, Canton Tp.	Face brick
Canton Brick and Fire Proof- ing Co. Canton plant, Canton	S. E. Sec. 32, Plain Tp.	Face brick
Canton Brick and Fire Proof- ing Co. Robertsville plant, Robertsville	S. W. Sec. 20, Paris Tp.	Face brick
Canton Porcelain Co., Canton	Canton	Porcelain tableware
Canton Refractories Co., Canton	S. E. Sec. 17, Canton Tp.	Ground clay
Corundite Refractories, Inc., Massillon	S. W. Sec. 36, Lawrence Tp.	Fire brick
Crescent China Co., Alliance	Alliance	Tableware
Dalton Clay Products Co. Plant No. 1, East Greenville	S. E. Sec. 7, Tuscarawas Tp.	Drain tile and build- ing block
Dalton Clay Products Co. Plant No. 2, East Greenville	S. E. Sec. 7, Tuscarawas Tp.	Drain tile and build- ing block
Everhard Co., Massillon	N. W. Sec. 7, Perry Tp.	Face brick
Federal Clay Products Co. Plant No. 2, East Sparta	E. Cent. Sec. 27, Pike Tp.	Salt glazed brick
Mapleton Clay Products Co., Mapleton	S. W. Sec. 23, Osnaburg Tp.	Face brick
Massillon Refractories Co., East Greenville	S. W. Sec. 8, Tuscarawas Tp.	Fire brick
Metropolitan Paving Brick Co. Canton plant, Canton	S. E. Sec. 15, Canton Tp.	Paving brick
Metropolitan Paving Brick Co. No. 6 plant, Canton	W. Cent. Sec. 15, Canton Tp.	Paving brick
Metropolitan Paving Brick Co. Royal plant, Canton	S. E. Sec. 17, Canton Tp.	Paving brick
Metropolitan Paving Brick Co. Imperial plant, Canton	N. W. Sec. 20, Canton Tp.	Paving brick
National Fire Proofing Co. Osnaburg plant, East Canton	N. E. Sec. 17, Osnaburg Tp.	Fire proofing
National Fire Proofing Co. Waynesburg plant, Waynesburg	N. E. Sec. 28, Sandy Tp.	Fire proofing

CERAMIC PLANTS—Continued

Stark County—Concluded

<i>Name and address</i>	<i>Location</i>	<i>Product</i>
Preston Clay Co., North Industry	S. W. Sec. 27, Canton Tp.	Face brick and building tile
Sparta Ceramic Co., East Sparta	S. E. Sec. 27, Pike Tp.	Quarry tile
Stark Brick Co., East Canton	N. E. Sec. 18, Osnaburg Tp.	Salt glazed brick
United States Quarry Tile Co., East Sparta	S. E. Sec. 27, Pike Tp.	Quarry tile
Velvet Brick Co., Massillon	Cent. Sec. 30, Perry Tp.	Face brick
Whitacre-Greer Fireproofing Co. Plant No. 1, Waynesburg	S. E. Sec. 22, Sandy Tp.	Fire proofing
Whitacre-Greer Fireproofing Co. Plant No. 2, Waynesburg	S. E. Sec. 22, Sandy Tp.	Fire proofing

Summit County

American Vitrified Products Co. Plant No. 25, Barberton	East part of Barberton	Sewer pipe
American Vitrified Products Co., Akron	Akron	Segmental block
Camp Brothers Co., Mogadore, Portage County	West of Mogadore	Building tile
Camp, L. W., Co., Akron	South part of Akron	Building tile
Colonial Insulator Co., Akron	South part of Akron	Electrical porcelain
Crouse Clay Products Co., Akron	South part of Akron	Sewer pipe
Knight, Maurice A, Akron	Akron	Chemical stoneware
Mogadore Insulator Co., Mogadore, Portage County	Mogadore	Electrical porcelain
National Fire Proofing Co. Factory No. 1, Aultman, Stark County	S. E. Sec. 25, Green Tp.	Conduits
National Fire Proofing Co. Factory No. 2, Aultman, Stark County	S. E. Sec. 25, Green Tp.	Conduits
National Fire Proofing Co. Factory No. 3, Aultman, Stark County	N. E. Sec. 36, Green Tp.	Conduits
Ohio Insulator Co., Barberton	West part of Barberton	Electrical porcelain
Robinson Clay Product Co. Factory No. 10, Akron	N. W. of Mogadore	Sewer pipe
Summit China Co., Akron	East part of Akron	Tableware
United States Stoneware Co., Akron	Akron	Common and chemical stoneware
Windsor Brick Co., Akron	South part of Akron	Face brick

Trumbull County

Atlas-Globe China Co. Plant No. 1, Niles	Niles	Tableware
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CERAMIC PLANTS—Continued

Trumbull County—Concluded

<i>Name and address</i>	<i>Location</i>	<i>Product</i>
Niles Fire Brick Co. Factory No. 1, Niles	Niles	Fire brick
Niles Fire Brick Co. Factory No. 2, Niles	Niles	Fire brick
Niles Fire Brick Co. Factory No. 3, Niles	Niles	Silica brick
Valley Cities Brick Co., Sharon, Pa.	S. E. Brookfield Tp.	Face and common brick

Tuscarawas County

American Vitriified Products Co. Factory No. 18, Uhrichsville	West of Uhrichsville	Sewer pipe
American Vitriified Products Co. Factory No. 17, Uhrichsville	West of Uhrichsville	Sewer pipe and hot top shapes
Babb Brothers, Dover	One mile S. W. of Dover	Hollow tile
Belden Brick Co., Uhrichsville	North of Uhrichsville	Face brick
Belden Face Brick Co., Port Washington	Two miles west of Lock 17	Face brick
Bolivar Clay Product Co., Bolivar	Bolivar	Building tile
Buckeye Fire Clay Co., Uhrichsville	One mile west of Uhrichsville	Sewer pipe
Canton Brick & Fire Proofing Co. Midvale plant, Midvale	S. E. part of Goshen Tp.	Face brick
Canton Brick and Fire Proof- ing Co. Newcomerstown plant, Newcomerstown	One and one-half mile north- east of Newcomerstown	Face brick
Clay City Pipe Co., Uhrichsville	West of Newport	Sewer pipe
Columbia Fire Brick Co., Strasburg	N. W. part Dover Tp.	Fire brick
Dennison Sewer Pipe Co., Dennison	Sec. 31, Union Tp.	Sewer pipe
Dover Fire Brick Co. Plant No. 1, Dover	N. E. Sec. 1, Franklin Tp.	Fire brick
Dover Fire Brick Co. Plant No. 2, Dover	S. W. Sec. 2, Franklin Tp.	Fire brick
Dover Fire Brick Co. Clay mill, Dover	S. W. Sec. 2, Franklin Tp.	Ground clay
Evans Pipe Co. Plant No. 1, Uhrichsville	Uhrichsville	Sewer pipe
Evans Pipe Co. Plant No. 2, Uhrichsville	Uhrichsville	Sewer pipe
Fairfield Brick Co., Zoarville	N. E. Sec. 4, Fairfield Tp.	Face brick
Federal Clay Products Co. Plant No. 1, Mineral City	East of Mineral City	Fire brick

CERAMIC PLANTS—Continued

Tuscarawas County—Concluded

<i>Name and address</i>	<i>Location</i>	<i>Product</i>
Federal Clay Products Co. Plant No. 6, Mineral City	Mineral City	Fire brick
Finzer Brothers Clay Co. Plant No. 1, Sugar Creek	W. Cent. Sec. 2, Sugar Creek Tp.	Face brick
Finzer Brothers Clay Co. Plant No. 2, Sugar Creek	W. Cent. Sec. 2, Sugar Creek Tp.	Face brick
Globe Brick Co., Newcomerstown	N. W. Oxford Tp.	Radial block
Moore, W. K., & Son, New Philadelphia	East of New Philadelphia	Fire proofing
Morrison Clay Co., Uhrichsville	S. E. part of Uhrichsville	Ground clay
Robinson & Sons Sewer Pipe Co., Uhrichsville	One mile north of Uhrichsville	Sewer pipe
Robinson Clay Product Co. Factory No. 6, Midvale	N. W. corner Mill Tp.	Sewer pipe
Robinson Clay Product Co. Factory No. 3, Dover	Parrall	Sewer pipe
Robinson Clay Product Co. Factory No. 5, Dover	Parrall	Fire brick
Romig Clay Products Co., Uhrichsville	South of Tuscarawas Sta.	Sewer pipe
Ross Clay Products Co. Factory No. 1, Dennison	E. Cent. Sec. 25, Union Tp.	Sewer pipe
Ross Clay Products Co. Factory No. 2, Gnadenhutten	At Lock 17	Sewer pipe
Shepfer & Moomaw Brothers Plant No. 1, Sugar Creek	S. Cent. Sec. 2, Sugar Creek Tp.	Face brick
Shepfer & Moomaw Brothers Plant No. 2, Sugar Creek	S. Cent. Sec. 2, Sugar Creek Tp.	Drain tile
Stillwater Clay Products Co., Uhrichsville	South of Uhrichsville	Sewer pipe
Stone Creek Brick Co., Stone Creek	S. W. Sec. 22, Jefferson Tp.	Face brick
Stowe-Fuller Refractories Co., Strasburg	W. Cent. Sec. 25, Lawrence Tp.	Fire brick
Sugar Creek Clay Products Co., Sugar Creek	N. E. Sec. 2, Sugar Creek Tp.	Face brick
Uhrichsville Clay Co., Uhrichsville	One and one-half mile west of Uhrichsville	Sewer pipe
United Clay Products Co., New Philadelphia	S. Cent. part Goshen Tp.	Sewer pipe
Wolfe Clay Products Co., Dennison	E. Cent. Sec. 31, Union Tp.	Sewer pipe
Zoar Fire Clay Co., Zoar	Zoar	Fire proofing

CERAMIC PLANTS—Continued

Union County

<i>Name and address</i>	<i>Location</i>	<i>Product</i>
Williams & MacIntire Co., Marysville	Marysville	Drain tile

Van Wert County

Minzing, Fred, & Son, Delphos	S. Cent. Sec. 25, Washington Tp.	Drain tile
Weck, Adolph, Van Wert	S. E. Sec. 29, Pleasant Tp.	Drain tile

Vinton County

McArthur Brick Co., McArthur plant, McArthur	Cent. Sec. 28, Elk Tp.	Face brick
McArthur Brick Co. Puritan plant, Hamden	S. Cent. Sec. 21, Clinton Tp.	Face brick

Warren County

Montgomery Porcelain Prod- ucts Co., Franklin	Franklin	Electrical porcelain
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Washington County

Acme Brick Co., Marietta	Sec. 23, Marietta Tp.	Face brick
Marietta Shale Brick Co., Marietta	Sec. 36, Marietta Tp.	Face brick

Wayne County

Houghton, E., & Co., Dalton	S. E. Sec. 3, Sugar Creek Tp.	Stoneware
Medal Brick and Tile Co., Wooster	Cent. Sec. 5, Wooster Tp.	Face brick
National Sanitary Co., Fredericksburg	Sec. 19, Salt Creek Tp.	Sanitary ware
Sampson Brick & Clay Co., Fredericksburg	S. E. Sec. 24, Franklin Tp.	Fire proofing

Williams County

Bryan Brick & Tile Co., Bryan	W. Cent. Sec. 20, Pulaski Tp.	Drain tile and com- mon brick
Rumsey & Kelm, Stryker	S. E. Sec. 5, Springfield Tp.	Drain tile and com- mon brick

Wood County

Brinker, J. J., Pemberville	N. W. Sec. 11, Freedom Tp.	Drain tile
Hoytville Block & Tile Co., Hoytville	N. W. Sec. 25, Jackson Tp.	Drain tile and com- mon brick

CERAMIC PLANTS—Concluded

Wood County—Concluded

<i>Name and address</i>	<i>Location</i>	<i>Product</i>
Miller Tile Co., Bloomdale	S. W. Sec. 36, Bloom Tp.	Drain tile
North Baltimore Clay Co., North Baltimore	N. W. Sec. 36, Henry Tp.	Drain tile
Rossford Tile & Brick Co., Rossford	S. W. of Rossford	Drain tile
Toledo Clay Products & Sup- ply Co., Perrysburg	West of Perrysburg	Drain tile and build- ing block
Union Brick & Tile Co., Hatton	N. Cent. Sec. 3, Perry Tp.	Drain tile

Wyandot County

Althouse, W. R., Sycamore	N. W. Sec. 20, Sycamore Tp.	Drain tile
Carey-Ohio Porcelain Co., Carey	Carey	Electrical porcelain
Federal Porcelain Co., Carey	Carey	Electrical porcelain
Kuenzli Brothers, Nevada	N. E. Sec. 24, Antrim Tp.	Drain tile
National Electrical Porcelain Co., Carey	Carey	Electrical porcelain
Wyandot Clay Products Co., Upper Sandusky	N. Cent. Sec. 6, Crane Tp.	Drain tile and com- mon brick

COAL MINES

Data compiled for Geological Survey by Division of Mines, Department of Industrial Relations of Ohio

Athens County

<i>Operator and address</i>	<i>Name of mine</i>	<i>Bed mined</i>	<i>Nearest station</i>	<i>Railroad</i>	<i>Number of employees</i>
April Coal Co., Carbon Hill	Kimberly No. 5	M. Kittanning, No. 6	Kimberly	H. V.	13
Athena Glazed Brick Co., Nelsonville	H. V. F. C. No. 2	M. Kittanning, No. 6	Nelsonville	H. V.	3
Athena Glazed Brick Co., Nelsonville	H. V. F. C. No. 3	M. Kittanning, No. 6	Nelsonville	H. V.	2
Athena Glazed Brick Co., Nelsonville	H. V. F. C. No. 5	M. Kittanning, No. 6	Nelsonville	H. V.	21
Batman Coal Co., Nelsonville	Kimberly No. 5	M. Kittanning, No. 6	Nelsonville	H. V.	7
Beaumont Mining Co., Commerce Bldg., Columbus	Beaumont	M. Kittanning, No. 6	Beaumont	H. V.	78
Big Bailey Mining Co., Nelsonville	Big Bailey No. 76	U. Freeport, No. 7	Chauncey	T. & O. C.	146
Big Bailey Mining Co., Nelsonville	Big Bailey No. 105	U. Freeport, No. 7	Chauncey	T. & O. C.	56
Big Bailey Mining Co., Nelsonville	Carr Run No. 71	U. Freeport, No. 7	Chauncey	K. & M.	3
Big Bailey Mining Co., Nelsonville	North Hill No. 75	U. Freeport, No. 7	Chauncey	T. & O. C.	146
Black Diamond Coal Co., New Hayden Bldg., Columbus	Black Diamond	Pittsburgh, No. 8	Palos	H. V.	68
Black Diamond Mining Co., Nelsonville	Nixon No. 1	M. Kittanning, No. 6	Nelsonville	H. V.	19
Bowers, John, & Son, Nelsonville	Bowers	M. Kittanning, No. 6	Nelsonville	H. V.	6
Briar Hill Coal Co., Nelsonville	Briar Hill	M. Kittanning, No. 6	Snow Fork Jct.	H. V.	10
Caloric Coal Co., Carbondale	Caloric	M. Kittanning, No. 6	Mineral	B. & O.	10
Canaan Coal Co., Athens	Canaanville	M. Kittanning, No. 6	Canaanville	B. & O.	278
Carbondale Coal Co., Carbondale	Carbondale No. 2	M. Kittanning, No. 6	Mineral	B. & O.	170
Chauncey Coal Co., Nelsonville	Chauncey	U. Freeport, No. 7	Chauncey	T. & O. C.	76
Coe Hollow Mining Co., Nelsonville	Coe Hollow	M. Kittanning, No. 6	Nelsonville	H. V.	10
College Hill Coal Co., Jacksonville	Sedalia No. 28	U. Freeport, No. 7	Jacksonville	T. & O. C.	119

Davis, Joe B., Coal Co., Nelsonville	Davis	L. Freeport, No. 6a?	Kimberly	H. V.	9
Dew, C. G., Coal Co., Nelsonville	Imperial	M. Kittanning, No. 6	Myers Crossing	H. V.	22
Doanville Coal Co., Nelsonville	Doanville No. 1	M. Kittanning, No. 6	Myers Crossing	H. V.	30
Doanville Coal Co., Nelsonville	Doanville No. 5 Strip	U. Freeport, No. 7	Myers Crossing	H. V.	30
Dumore Coal Co., Murray City	James No. 2	M. Kittanning, No. 6	Jobs	H. V.	12
Echo Coal Co.,	Echo.	M. Kittanning, No. 6	Buchtel	H. V.	17
1101 New Hayden Bldg., Columbus					
Evans, Geo. S., Nelsonville	Kimberly No. 2	M. Kittanning, No. 6	Kimberly	H. V.	53
Ewing Coal Co., Athens	Ewing	U. Freeport, No. 7	Chauncey	H. V.	12
Federal Creek Coal Co., Nelsonville	Federal Creek	Pittsburgh, No. 8	Palos	Fed. Valley	10
Freeport Fuel & Mining Co., Athens	Freeport No. 122	U. Freeport, No. 7	Millfield	T. & O. C.	19
Graham & Rosser Coal Co., Nelsonville	G. & R.	M. Kittanning, No. 6	Kimberly	Traction	15
Green Run Coal Co., Nelsonville	No. 68	U. Freeport, No. 7	Jacksonville	T. & O. C.	29
Hazel Ridge Coal Co., Nelsonville	Poston No. 1	U. Freeport, No. 7	Floodwood	H. V.	5
Herrold, John A., Nelsonville	Herrold	M. Kittanning, No. 6	Nelsonville	H. V.	16
Hocking Domestic Coal Co., Nelsonville	No. 203 or 6	M. Kittanning, No. 6	Nelsonville	H. V.	5
Hocking Mining Co., Athens	Hocking	M. Kittanning, No. 6	Mineral	B. & O.	50
Hocking Valley Mining Co.,	Hocking Valley	M. Kittanning, No. 6	Hocking	H. V.	310
1101 New Hayden Bldg., Columbus					
Howell Coal Co., Nelsonville	Dow	M. Kittanning, No. 6	Nelsonville	H. V.	15
Jennings, A. G., Coal Co., Amesville	Utley	Pittsburgh, No. 8	Palos	Fed. Valley	130
Jewett Coal Co., Nelsonville	Jewett No. 86	U. Freeport, No. 7	Chauncey	T. & O. C.	86
Johnson & Vorhies Coal Co., Nelsonville	Johnson & Vorhies	M. Kittanning, No. 6	Myers Crossing	H. V.	6
Juniper, Ed. L., Coal Co., Nelsonville	Juniper	L. Freeport, No. 6a?	Nelsonville	H. V.	12
Keystone Coal Co., Nelsonville	Keystone No. 2	M. Kittanning, No. 6	Nelsonville	H. V.	54
Keystone Coal Co., Nelsonville	Keystone No. 4	M. Kittanning, No. 6	Nelsonville	H. V.	12
Keystone Coal Co., Nelsonville	Keystone No. 5	M. Kittanning, No. 6	Nelsonville	H. V.	42
Kimberly Coal & Land Co., Nelsonville	Kimberly No. 1	M. Kittanning, No. 6	Kimberly	H. V.	33
Kimberly Coal & Land Co., Nelsonville	Kimberly No. 3	M. Kittanning, No. 6	Kimberly	H. V.	67

COAL MINES—Continued

Athens County—Continued

<i>Operator and address</i>	<i>Name of mine</i>	<i>Bed mined</i>	<i>Nearest station</i>	<i>Railroad</i>	<i>Number of employees</i>
Kimberly Coal & Land Co., Nelsonville	Kimberly No. 4	M. Kittanning, No. 6	Kimberly	H. V.	50
Kimberly Coal & Land Co., Nelsonville	Kimberly No. 5	M. Kittanning, No. 6	Kimberly	H. V.	18
Kimberly Coal & Land Co., Nelsonville	Kimberly No. 6	M. Kittanning, No. 6	Kimberly	H. V.	8
Kimberly Coal & Land Co., Nelsonville	Fairview	U. Freeport, No. 7	Nelsonville	H. V.	4
Lick Run Coal & Clay Co., Nelsonville	Lick Run	M. Kittanning, No. 6	Nelsonville	H. V.	57
L. & M. Coal Co., Nelsonville	L. & M.	U. Freeport, No. 7	Myers Crossing	H. V.	9
Luhrig Collieries Co., Nelsonville	Luhrig No. 1 and 2	M. Kittanning, No. 6	Luhrig	B. & O.	222
McClelland Coal Co., Glouster	McClelland No. 2	U. Freeport, No. 7	Glouster	T. & O. C.	6
Manhattan Coal Co., Nelsonville	No. 25	M. Kittanning, No. 6	Chauncey	T. & O. C.	332
Manhattan Coal Co., Nelsonville	No. 26	M. Kittanning, No. 6	Floodwood	H. V.	184
Manhattan Coal Co., Nelsonville	No. 28	M. Kittanning, No. 6	Floodwood	H. V.	13
Manhattan Coal Co., Nelsonville	No. 31	M. Kittanning, No. 6	Buchtel	H. V.	60
Manhattan Coal Co., Nelsonville	No. 31-A	M. Kittanning, No. 6	Buchtel	H. V.	17
Manhattan Coal Co., Nelsonville	No. 34	U. Freeport, No. 7	Floodwood	H. V.	24
Manhattan Coal Co., Nelsonville	No. 36	U. Freeport, No. 7	Buchtel	H. V.	183
Manhattan Coal Co., Nelsonville	Tedrow No. 1	M. Kittanning, No. 6	Floodwood	H. V.	4
Manhattan Coal Co., Nelsonville	Tedrow No. 2	M. Kittanning, No. 6	Floodwood	H. V.	7
Middle States Coal Co., Brunson Bldg., Columbus	No. 24	U. Freeport, No. 7	Jacksonville	T. & O. C.	48
Minner, Frank, Nelsonville	Minner No. 3	M. Kittanning, No. 6	Nelsonville	H. V.	3

New Pittsburgh Coal Co., 12 North 3rd St., Columbus	No. 65	M. Kittanning, No. 6	Beaumont	H. V.	236
Ohio Collieries Co., Ohio Bldg., Toledo	No. 209	M. Kittanning, No. 6	Poston	H. V.	338
Ohio Collieries Co., Ohio Bldg., Toledo	No. 210	M. Kittanning, No. 6	Poston	H. V.	29
Ohio Collieries Co., Ohio Bldg., Toledo	No. 211	M. Kittanning, No. 6	Poston	H. V.	410
Ohio Collieries Co., Ohio Bldg., Toledo	No. 255	M. Kittanning, No. 6	Jacksonville	T. & O. C.	90
Ohio Collieries Co., Ohio Bldg., Toledo	No. 256	M. Kittanning, No. 6	Glouster	T. & O. C.	295
Ohio Collieries Co., Ohio Bldg., Toledo	No. 266	M. Kittanning, No. 6	Glouster	T. & O. C.	210
Ohio Collieries Co., Ohio Bldg., Toledo	No. 267	M. Kittanning, No. 6	Glouster	T. & O. C.	361
Ohio Collieries Co., Ohio Bldg., Toledo	No. 281	M. Kittanning, No. 6	Jacksonville	T. & O. C.	28
Ohio Mining Co., 1101 New Hayden Bldg., Columbus	O. M. No. 1	M. Kittanning, No. 6	Jacksonville	T. & O. C.	286
Ohio Mining Co., 1101 New Hayden Bldg., Columbus	O. M. No. 2	U. Freeport, No. 7	Jacksonville	T. & O. C.	127
Poston, L. D., Coal Co., Athens	L. D. Poston No. 65	U. Freeport, No. 7	Millfield	T. & O. C.	68
Poston Consolidated Coal Co., Athens	Poston No. 6	M. Kittanning, No. 6	Millfield	T. & O. C.	260
Poston Consolidated Coal Co., Athens	Poston No. 7	U. Freeport, No. 7	Millfield	T. & O. C.	110
Robbins, C., Coal Co., Nelsonville	Robbins No. 1-2	M. Kittanning, No. 6	Nelsonville	H. V.	42
Robbins, C., Coal Co., Nelsonville	Robbins No. 3	U. Freeport, No. 7	Nelsonville	H. V.	12
Robbins, C., Coal Co., Nelsonville	Robbins No. 4	U. Freeport, No. 7	Nelsonville	H. V.	6
Robbins, C., Coal Co., Nelsonville	Robbins No. 5	U. Freeport, No. 7	Nelsonville	H. V.	9
Schular Coal Mining Co., Athens	Schular No. 3	Pittsburgh, No. 8	Lathrop	Fed. Valley	2
Six A Coal Co., Athens	Six-A	U. Freeport, No. 7	Kimberly	H. V.	11
Standard Coal Co., 1209 New Hayden Bldg., Columbus	Standard No. 1-2	M. Kittanning, No. 6	Floodwood	H. V.	19
Standard Coal Co., 1209 New Hayden Bldg., Columbus	Standard No. 3	M. Kittanning, No. 6	Floodwood	H. V.	19
Sunday Creek Coal Co., Outlook Bldg., Columbus	No. 10	M. Kittanning, No. 6	Glouster	T. & O. C.	84
Sunday Creek Coal Co., Outlook Bldg., Columbus	Millfield Bailey No. 119	U. Freeport, No. 7	Millfield	T. & O. C.	96

COAL MINES—Continued
Athens County—Concluded

<i>Operator and address</i>	<i>Name of mine</i>	<i>Bed mined</i>	<i>Nearest station</i>	<i>Railroad</i>	<i>Number of employees</i>
Sunday Creek Coal Co., Outlook Bldg., Columbus	No. 5	M. Kittanning, No. 6	Murray	H. V.	253
Trace Run Coal Co., Dayton	Virginia	M. Kittanning, No. 6	Mineral	B. & O.	17
Wallace, T. W., Coal Co., Buchtel	Town No. 2	U. Freeport, No. 7	Buchtel	H. V.	6
Wallace & Rittenberry, Buchtel	Town No. 1	M. Kittanning, No. 6	Buchtel	H. V.	7
Walnut Hill Coal Co., Nelsonville	Walnut Hill	M. Kittanning, No. 6	Nelsonville	H. V.	5
Warner Collieries Co., Union Commerce & Bank Bldg., Cleveland	Rainbow No. 2	M. Kittanning, No. 6	Glouster	T. & O. C.	20
Waterloo Coal Co., Athens	Waterloo	M. Kittanning, No. 6	Mineral	B. & O.	22
Western Fuel Co., 1015 Outlook Bldg., Columbus	S. C. 10 X	M. Kittanning, No. 6	Orbiston	H. V.	161
Western Fuel Co., 1015 Outlook Bldg., Columbus	Western Fuel No. 2	M. Kittanning, No. 6	Orbiston	H. V.	40
White Ash Coal Co., Nelsonville	White Ash No. 69	U. Freeport, No. 7	Chauncey	T. & O. C.	117
Woodland Coal Co., Nelsonville	Woodland	L. Freeport, No. 6a?	Kimberly	H. V.	5
York Clay & Mining Co., Nelsonville	Hyde	U. Freeport, No. 7	Buchtel	H. V.	36
York Clay & Mining Co., Nelsonville	Juniper No. 2	Buchtel	H. V.	68
York Clay & Mining Co., Nelsonville	Juniper No. 2½	U. Freeport, No. 7	Buchtel	H. V.	10
York Clay & Mining Co., Nelsonville	Juniper No. 3	U. Freeport, No. 7	Buchtel	H. V.	6

Belmont County

2-G. B.-33.

American Sheet & Tin Plate Co., Frick Bldg., Pittsburgh, Pa.	Aetna Standard	Pittsburgh, No. 8	Bridgeport	C. & P.	82
American Sheet & Tin Plate Co., Frick Bldg., Pittsburgh, Pa.	Laughlin	Pittsburgh, No. 8	Martins Ferry	Penna.	108
Baker Coal Co., Bethesda	Baker	Meigs Creek, No. 9	Bethesda	B. & O.	3
Bakewell Coal Co., Bellaire	Knob	Pittsburgh, No. 8	Bellaire	B. & O.	67
Barth & Rennie Coal Co., Bridgeport	Barth & Rennie	Pittsburgh, No. 8	Blaine	B. & O.	5
Barton Coal Co., Union Trust Bldg., Cleveland	New Taggart	Pittsburgh, No. 8	Barton	B. & O.	226
Bellaire Coal Co., Bellaire	Pinch Run	Pittsburgh, No. 8	Bellaire	Penna.	20
Belmont Collieries Co., St. Clairsville	Lee	Pittsburgh, No. 8	Bannock	B. & O.	109
Belmont Collieries Co., St. Clairsville	Bee Strip	Pittsburgh, No. 8	Bannock	B. & O.	
Belmont Fairmont Coal Co., Ridgeley, W. Va.	Florence No. 1	Meigs Creek, No. 9?	Flushing	B. & O.	7
Bennett Run Coal Co., Neffs	Bennett	Pittsburgh, No. 8	Stewartsville	B. & O.	5
Benson Coal Co., 31 Van Deman Ave., Delaware	Cochran	Pittsburgh, No. 8	Baileys Mills	B. & O.	64
Bickmeier Coal Co., Bellaire	Bickmeier	Pittsburgh, No. 8	Bellaire	B. & O.	4
Big Five Coal Co., Kirby Bldg., Cleveland	Lydia	Pittsburgh, No. 8	Bannock	B. & O.	112
Boggs, E. N., Coal Co., St. Clairsville	Fairview	Pittsburgh, No. 8	Crescent	B. & O.	130
Bridgeville Barton Coal Co., Bridgeville, Pa.	Drifts 1-2	Pittsburgh, No. 8	Barton	B. & O.	16
Brooks Run Coal Co., Bellaire	Brooks No. 2-3	Pittsburgh, No. 8	Bellaire	B. & O.	29

COAL MINES

COAL MINES—Continued
Belmont County—Continued

<i>Operator and address</i>	<i>Name of mine</i>	<i>Bed mined</i>	<i>Nearest station</i>	<i>Railroad</i>	<i>Number of employees</i>
Cambria Collieries Co., Ohio Bldg., Toledo	Pultney	Pittsburgh, No. 8	Shadyside	Penna.	285
Cambria Collieries Co., Ohio Bldg., Toledo	Webb	Pittsburgh, No. 8	Webb	Penna.	680
Cambridge Collieries Co., Cambridge	Shadyside	Pittsburgh, No. 8	Wegee	Penna.	80
Captina Coal Co., Armstrong Mills	Captina	Pittsburgh, No. 8	Captina	Penna.	39
Carnegie Steel Co., Pittsburgh, Pa.	Carnegie	Pittsburgh, No. 8	Bellaire	Penna.	88
Central Coal Mining Co., Union Trust Bldg., Cleveland	Clifford	Pittsburgh, No. 8	Dilles Bottom	Penna.	162
Chesapeake Coal Co., Bellaire	Ohio	Pittsburgh, No. 8	Stewartsville	B. & O.	19
Chini & Chini, Flushing	Tyrol	Meigs Creek, No. 9?	Flushing	B. & O.	6
Clarkson Coal Mining Co., Kirby Bldg., Cleveland	Clarkson No. 1	Pittsburgh, No. 8	Clarkson	W. & L. E.	519
Clarkson Coal Mining Co., Kirby Bldg., Cleveland	Clarkson No. 2	Pittsburgh, No. 8	Fairpoint	B. & O.	273
Colburgh Coal Co., 150 E. Broad St., Columbus	Murphy	Pittsburgh, No. 8	Barnesville	B. & O.	81
Enos Coal Mining Co., Kirby Bldg., Cleveland	Clyde Strip	Meigs Creek, No. 9?	Laferty	B. & O.	16
Fairview Coal Co., Union Trust Bldg., Cleveland	Tunnel	Meigs Creek, No. 9?	Flushing	B. & O.	56
Froelich Coal Co., Barnesville	Froelich	Meigs Creek, No. 9?	Barnesville	B. & O.	7
Gallagher, Andy, Barton	Gallagher	Pittsburgh, No. 8	Barton	B. & O.	4
Garrett Coal Co., Shadyside	Garrett	Pittsburgh, No. 8	Bellaire	B. & O.	5

Griffith, Geo., Coal Co., Bethesda	Griffith	Meigs Creek, No. 9?	Bethesda	B. & O.	10
Jordan, Thos. J., Laferty	Lake Shore	Pittsburgh, No. 8	Barton	B. & O.	22
Kasley, W. H., Wheeling, W. Va.	Whitaker-Glessner	Pittsburgh, No. 8	Martins Ferry	C. & P.	23
Kennon Coal & Mining Co., 825 National City Bldg., Cleveland	Kennon	Pittsburgh, No. 8	Flushing	B. & O.	116
Lorain Coal & Dock Co., 33 North High St., Columbus	Blaine South Side	Pittsburgh, No. 8	Blaine	B. & O.	221
Lorain Coal & Dock Co., 33 North High St., Columbus	Blaine North Side	Pittsburgh, No. 8	Blaine	B. & O.	310
Lorain Coal & Dock Co., 33 North High St., Columbus	Crescent No. 3	Pittsburgh, No. 8	Crescent	B. & O.	189
Lorain Coal & Dock Co., 33 North High St., Columbus	Crescent No. 4	Pittsburgh, No. 8	Crescent	B. & O.	167
Lorain Coal & Dock Co., 33 North High St., Columbus	Lincoln	Pittsburgh, No. 8	Blaine	B. & O.	222
Maher Collieries Co., Kirby Bldg., Cleveland	No. 2 (Maher No. 1)	Pittsburgh, No. 8	Glencoe	B. & O.	258
Maher Collieries Co., Kirby Bldg., Cleveland	No. 5 (Pursglove)	Pittsburgh, No. 8	Stewartsville	B. & O.	263
Maher Collieries Co., Kirby Bldg., Cleveland	No. 6 (Heinlein)	Pittsburgh, No. 8	Neffs	B.&O.—W.&L.E.	288
Maher Collieries Co., Kirby Bldg., Cleveland	No. 9 (Willow Grove 2)	Pittsburgh, No. 8	Willow Grove	B.&O.—W.&L.E.	383
Maher Collieries Co., Kirby Bldg., Cleveland	No. 10 (Willow Grove 1)	Pittsburgh, No. 8	Willow Grove	B.&O.—W.&L.E.	80
Maher Collieries Co., Kirby Bldg., Cleveland	No. 12 (Lydia)	Pittsburgh, No. 8	Maynard	B. & O.	196
Meister Coal Co., Bridgeport	Alice	Meigs Creek, No. 9?	Laferty	B. & O.	51
Morgan, A. J., Coal Co., Bellaire	Taplin	Pittsburgh, No. 8	Bannock	B. & O.	94
Moss Run Coal Co., Bellaire	Moss Run	Pittsburgh, No. 8	McClainville	B. & O.	22
National Coal Co., Rockefeller Bldg., Cleveland	Loomis	Pittsburgh, No. 8	Lamira	B. & O.	234

COAL MINES—Continued
Belmont County—Continued

<i>Operator and address</i>	<i>Name of mine</i>	<i>Bed mined</i>	<i>Nearest station</i>	<i>Railroad</i>	<i>Number of employees</i>
Neffs Coal Co., Neffs	Excel	Pittsburgh, No. 8	Neffs	W. & L. E.	30
New Pittsburgh Coal Co., 12 North 3rd St., Columbus	No. 82	Pittsburgh, No. 8	Reiss	W. & L. E.	120
New Pittsburgh Coal Co., 12 North 3rd St., Columbus	No. 83	Pittsburgh, No. 8	Reiss	W. & L. E.	112
New Pocock Coal Co., Massillon	Belmont	Meigs Creek, No. 9?	Flushing	B. & O.	168
Powhatan Mining Co., Union Trust Bldg., Cleveland	Franklin	Pittsburgh, No. 8	Stewartsville	B. & O.	230
Powhatan Mining Co., Cleveland	Johnson	Pittsburgh, No. 8	Johnsons	Penna.	325
Powhatan Mining Co., Cleveland	Powhatan	Pittsburgh, No. 8	Powhatan	Penna.	702
Progress Coal Co., Hanna Bldg., Cleveland	Pauline	Pittsburgh, No. 8	Bannock	B. & O.	123
Progressive Coal Co., Bellaire	Progressive	Pittsburgh, No. 8	Bellaire	B. & O.	34
Rail & River Coal Co., Kirby Bldg., Cleveland	Rail & River No. 1	Pittsburgh, No. 8	Bellaire	C. & P.	194
Rail & River Coal Co., Kirby Bldg., Cleveland	Rail & River No. 3	Pittsburgh, No. 8	Aults	C. & P.	400
Rail & River Coal Co., Kirby Bldg., Cleveland	Rail & River No. 6	Pittsburgh, No. 8	McClainville	B. & O.	291
Roby-Somers Coal Co., Cleveland	Bidwell	Pittsburgh, No. 8	Maynard	W. & L. E.	29
Roby-Somers Coal Co., Cleveland	Lorena	Pittsburgh, No. 8	Maynard	W. & L. E.	22
Rosemary Coal Co., Kirby Bldg., Cleveland	Rosemary No. 2	Pittsburgh, No. 8	Flushing	B. & O.	40

Rosemary Coal Co., Kirby Bldg., Cleveland	Rosemary No. 3	Pittsburgh, No. 8	Laferty	B. & O.	97
Sauters Coal Co., Leader-News Bldg., Cleveland	Gaylord No. 1	Pittsburgh, No. 8	Martins Ferry	C. & P.	190
Schick Cooperative Coal Co., Bellaire	Schick	Pittsburgh, No. 8	Bellaire	B. & O.	91
Union Coal Stripping & Mining Co., Hanna Bldg., Cleveland	Clyde	Meigs Creek, No. 9?	Laferty	B. & O.	22
Valley Camp Coal Co., B. R. T. Bldg., Cleveland	Lucy	Pittsburgh, No. 8	Stewartsville	B. & O.	172
Valley Camp Coal Co., B. R. T. Bldg., Cleveland	Oco	Pittsburgh, No. 8	Laferty	B. & O.	41
Walker, Harry, Coal Co., Martins Ferry	Walker No. 2	Pittsburgh, No. 8	Yorkville	C. & P.	71
Warner Collieries Co., Union Trust Bldg., Cleveland	Crabapple No. 1	Pittsburgh, No. 8	Fairpoint	B. & O.	139
Warner Collieries Co., Union Trust Bldg., Cleveland	Crabapple No. 2	Pittsburgh, No. 8	Fairpoint	B. & O.	208
Warren, Foster, Neffs	Emergency	Pittsburgh, No. 8	Neffs	B. & O.	8
West Wheeling Coal Co., Bridgeport	West Wheeling	Pittsburgh, No. 8	Bellaire	C. & P.	83
Wheeling & Lake Erie Coal & Mining Co., Leader-News Bldg., Cleveland	Dillon No. 5	Pittsburgh, No. 8	Clellands Mills	B. & O.	196
Wheeling & Lake Erie Coal & Mining Co., Leader-News Bldg., Cleveland	Dillon No. 6	Pittsburgh, No. 8	Laferty	B. & O.	391
Wheeling & Lake Erie Coal & Mining Co., Leader-News Bldg., Cleveland	Dillon No. 7	Pittsburgh, No. 8	Neffs	B. & O.	261
Wheeling & Lake Erie Coal & Mining Co., Leader-News Bldg., Cleveland	Dillon No. 9	Pittsburgh, No. 8	Fairpoint	B. & O.	191
Witchey Coal Co., Bellaire	Witchey	Pittsburgh, No. 8	Stewartsville	B. & O.	39
Witchey Coal Co., Bellaire	Witchey No. 2	Pittsburgh, No. 8	Stewartsville	B. & O.	11
Wolf Coal Co., • 1425 Chaplin St., Wheeling, W. Va.	Wolf	Pittsburgh, No. 8	Stewartsville	B. & O.	21

COAL MINES—Continued
Belmont County—Concluded

<i>Operator and address</i>	<i>Name of mine</i>	<i>Bed mined</i>	<i>Nearest station</i>	<i>Railroad</i>	<i>Number of employees</i>
Y. & O. Coal Co., Hanna Bldg., Cleveland	Barton	Pittsburgh, No. 8	Barton	B. & O.	285
Y. & O. Coal Co., Hanna Bldg., Cleveland	Boggs	Pittsburgh, No. 8	Barton	B. & O.	112
Y. & O. Coal Co., Hanna Bldg., Cleveland	Eleanor	Pittsburgh, No. 8	Warner	B. & O.	146
Y. & O. Coal Co., Hanna Bldg., Cleveland	Florence	Pittsburgh, No. 8	Martins Ferry	C. & P.	260

Carroll County

Brooks Coal Co., Barnesboro, Pa.	Maple Hill	M. Kittanning, No. 6	Mineral City	B. & O.	25
Carroll Coal Co., Salineville	Carroll	U. Freeport, No. 7?	Salineville	C. & P.	34
Consolidated Clay Prod. Co., Canton	No. 5	L. Kittanning, No. 5	Oneida	Penna.	18
Consolidated Clay Prod. Co., Canton	No. 6	M. Kittanning, No. 6	Oneida	Penna.	20
Davero & Martincheck, Sherrodsville	Davero	U. Freeport, No. 7	Sherrodsville	W. & L. E.	10
Hickory Mining Co., 750 Prospect Ave., Cleveland	Hickory No. 6	M. Kittanning, No. 6	Mineral City	B. & O.	15
Hirst, John M., Coal Co., Salineville	Sterling	U. Freeport, No. 7	Salineville	C. & P.	134
Honey Ridge Coal Co., Sherrodsville	German	U. Freeport, No. 7	Sherrodsville	W. & L. E.	16
Hoover Clay Products Co., Mineral City	Hoover	L. Kittanning, No. 5	Mineral City	B. & O.	9

Inter-State Mining Co., Carrollton	Tripp	L. Kittanning, No. 5	Stemples	W. & L. E.	17
James Brothers Coal Co., Magnolia	James No. 5	L. Kittanning, No. 5	Mineral City	B. & O.	14
James Brothers Coal Co., Magnolia	James No. 6	M. Kittanning, No. 6	Mineral City	B. & O.	17
Malvern Fire Clay Co., Malvern	Pike Run	M. Kittanning, No. 6	Malvern	Penna.	47
Markley, Geo. J., Mineral City	Clover Leaf	L. Kittanning, No. 5	Magnolia	B. & O.	42
Medal Paving Brick Co., Malvern	Sandy Valley Clay	M. Kittanning, No. 6	Malvern	C. & P.	23
Metropolitan Paving Brick Co., Canton	Metropolitan No. 1	M. Kittanning, No. 6	Pekin	C. & P.	7
Metropolitan Paving Brick Co., Canton	Metropolitan No. 2	L. Kittanning, No. 5	Pekin	Penna.	14
Robinson Clay Product Co., Malvern	Factory No. 7	L. Kittanning, No. 5	Malvern	C. & P.	7
Watters, Kelly-Morris Co., Inc., Dellroy	Van Kirk-Carroll	M. Kittanning, No. 6	Dellroy	W. & L. E.	18
Whitacre-Greer Fireproofing Co., Waynesburg	Whitacre-Greer No. 2	L. Kittanning, No. 5	Magnolia	C. & P.	16
Whitacre-Greer Fireproofing Co., Waynesburg	Midway No. 3	M. Kittanning, No. 6	Malvern	C. & P.	39

Columbiana County

American Vitrified Prod. Co., Akron	No. 3	L. Kittanning, No. 5	Laughlin	C. & P.	12
American Vitrified Prod. Co., Akron	No. 36	L. Kittanning, No. 5	Lisbon	Erie	11
Beaver Coal & Clay Co., Cleveland	Coleman	L. Kittanning, No. 5	Lisbon	Erie	132
Callahan, Homer, Coal Co., R. F. D. 6, Salem	Callahan	U. Freeport, No. 7	Lisbon	Erie	8
Central Mining Co., Lisbon	Central	U. Freeport, No. 7	Lisbon	Y. & O.	20
Columbia Coal & Power Co., New Waterford	Columbia	L. Kittanning, No. 5	New Waterford	Penna.	32
Columbiana Coal & Clay Co., 707 Weightman Bldg., Philadelphia	Columbiana	U. Freeport, No. 7	Salineville	C. & P.	42
Delmore Coal Co., Leetonia	Delmore	L. Kittanning, No. 5	Leetonia	Erie	19
Elk Run Coal Co.; Leader-News Bldg., Cleveland	Briar Hill	L. Kittanning, No. 5	Teegarden	Erie	30
Grant Coal Co., Leader-News Bldg., Cleveland	Grant	U. Freeport, No. 7	Salineville	C. & P.	89

COAL MINES—Continued
Columbiana County—Concluded

<i>Operator and address</i>	<i>Name of mine</i>	<i>Bed mined</i>	<i>Nearest station</i>	<i>Railroad</i>	<i>Number of employees</i>
Hanna Furnace Co., Leader-News Bldg., Cleveland	United	L. Kittanning, No. 5	Leetonia	Y. & O.	71
McGrew Coal & Clay Co., St. Clairsville	McGrew	U. Freeport, No. 7	Power Point	Y. & O.	16
Nailer Brothers & Sons, 242 East 5th St., East Liverpool	Nailer	L. Kittanning, No. 5	East Liverpool	Y. & O.	9
National Fire Proofing Co., Pittsburgh, Pa.	National	U. Freeport, No. 7	East Palestine	Penna.	30
Penn-Ohio Coal Co., East Liverpool	Penn-Ohio	U. Freeport, No. 7	East Liverpool	Y. & O.	73
Rock Camp Coal Co., East Liverpool	Rock Camp	U. Freeport, No. 7	East Liverpool	Y. & O.	9
Salineville Coal & Mining Co., Kirby Bldg., Cleveland	Strabley No. 1	U. Freeport, No. 7	Salineville	C. & P.	72
Seger Fuel Co., Ligonier, Pa.	Hazel	U. Freeport, No. 7	Power Point	Y. & O.	36
Seger Fuel Co., Ligonier, Pa.	Rhea	U. Freeport, No. 7	Power Point	Y. & O.	126
Seger Fuel Co., Ligonier, Pa.	No. 4	U. Freeport, No. 7	Power Point	Y. & O.	36
Stark Coal Mining Co., 1127 Plain Ave., Canton	Stark	U. Freeport, No. 7	Salineville	C. & P.	18

Coshocton County

Barnes Coal & Mining Co., Coshocton	Barnes No. 1	M. Kittanning, No. 6	Conesville	W. & L. E.	27
Barnes Coal & Mining Co., Coshocton	Barnes No. 2	M. Kittanning, No. 6	Conesville	W. & L. E.	24

Blackson, Elmer, Conesville	Oden Valley No. 2	M. Kittanning, No. 6	Conesville	Penna.	12
Columbus Coal & Mining Co., Coshocton	Franklin No. 2	M. Kittanning, No. 6	Coshocton	Penna.	23
Coshocton Mining Co., Coshocton	Warwick No. 4	M. Kittanning, No. 6	Coshocton	W. & L. E.	56
Davis, David, Conesville	Davis	M. Kittanning, No. 6	Conesville	Penna.	38
Eckels, R. M., Coshocton	Locust Grove	M. Kittanning, No. 6	Coshocton	W. & L. E.	7
Howard & Griffith, 909 S. 7th St., Coshocton	Paul	M. Kittanning, No. 6	Coshocton	W. & L. E.	6
Howard, Lewis, Coshocton	Coshocton Strip	M. Kittanning, No. 6	Coshocton	W. & L. E.	3
McNichols Brothers, Coshocton	Morgan Run No. 4	M. Kittanning, No. 6	Coshocton	W. & L. E.	10
Oden Valley Coal Co., Coshocton	Oden Valley	M. Kittanning, No. 6	Conesville	Penna.	42
Please All Coal Co., Coshocton	Howard	M. Kittanning, No. 6	Coshocton	W. & L. E.	15
Power Coal Co., Coshocton	Power	M. Kittanning, No. 6	Coshocton	W. & L. E.	22
Power Coal Co., Coshocton	Power No. 2	M. Kittanning, No. 6	Coshocton	W. & L. E.	6
Tyrone Coal Co., Coshocton	Tyrone No. 1	M. Kittanning, No. 6	Warsaw	C. A. & C.	20
Warwick Coal Co., Kirby Bldg., Cleveland	Warwick No. 5	M. Kittanning, No. 6	Coshocton	W. & L. E.	86
Wolf, R. G., Coshocton	Wolf	M. Kittanning, No. 6	Coshocton	Penna.	25
Woodbury Estate, 18 E. 41st St., New York City	Woodbury	M. Kittanning, No. 6	Warsaw	C. A. & C.	17
Worthington, Wm., R. D. 5, Coshocton	Worthington	M. Kittanning, No. 6	Coshocton	Penna.	12

COAL MINES

Guernsey County

Akron Coal Co., Akron	Klondyke No. 2	U. Freeport, No. 7	Lore City	B. & O.	269
Akron Coal Co., Akron	Moss	U. Freeport, No. 7	Pleasant City	Penna.	103
Akron Coal Co., Akron	Murray Hill No. 2	U. Freeport, No. 7	Kipling	B. & O.	229
Akron Coal Co., Akron	Rigby	U. Freeport, No. 7	Senecaville	B. & O.	242
Bernard Coal Co., Cambridge	Old Scott	U. Freeport, No. 7	Cambridge	B. & O.	18

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COAL MINES—Continued
Guernsey County—Concluded

<i>Operator and address</i>	<i>Name of mine</i>	<i>Bed mined</i>	<i>Nearest station</i>	<i>Railroad</i>	<i>Number of employees</i>
Birds Run Coal Co., Birds Run	Indian Camp	M. Kittanning, No. 6	Birds Run.	Penna.	20
Byesville Coal Co., Byesville	Little Anna	U. Freeport, No. 7	Byesville	Penna.	30
Cambridge Collieries Co., Cambridge	Banner	U. Freeport, No. 7	Pleasant City	B. & O.	168
Cambridge Collieries Co., Cambridge	Buffalo	U. Freeport, No. 7	Buffalo	Penna.	391
Cambridge Collieries Co., Cambridge	Cleveland	U. Freeport, No. 7	Senecaville	B. & O.	30
Cambridge Collieries Co., Cambridge	Ideal	U. Freeport, No. 7	Byesville	Penna.	113
Cambridge Collieries Co., Cambridge	Trail Run No. 2	U. Freeport, No. 7	Byesville	Penna.	360
Cambridge Collieries Co., Cambridge	Walhonding No. 2	U. Freeport, No. 7	Buffalo	B. & O.	329
Cambridge Block Coal Co., Cambridge	Coal Ridge Strip	U. Freeport, No. 7	Cambridge	B. & O.	30
Cleveland Collieries Co., Ulmer Bldg., Cleveland	No. 1	L. Kittanning, No. 5	Kimbolton	Penna.	50
Consumers Collieries Co., 1007 Woodlawn Ave., Cambridge	Old Orchard	U. Freeport, No. 7	Cambridge	B. & O.	13
Eldon Coal Mining Co., Wheeling, W. Va.	Quaker	Pittsburgh, No. 8	Eldon	B. & O.	26
Gable & Frame, R. D. 1, Byesville	Arbuckle	U. Freeport, No. 7	Byesville	Penna.	12
Kimbolton Cooperative Coal Co., Kimbolton	Walters No. 1	L. Kittanning, No. 5	Kimbolton	Penna.	33
Millwood Coal Co., Barnesville	Sunshine	Pittsburgh, No. 8	Baileys Mills	B. & O.	36
Morris Coal Co., Citizens Bank Bldg., Cleveland	Black Top	U. Freeport, No. 7	Lore City	B. & O.	64
National Coal Co., Kirby Bldg., Cleveland	Harryette	U. Freeport, No. 7	Byesville	Penna.	185

National Coal Co., Kirby Bldg., Cleveland	Little Kate No. 1	U. Freeport, No. 7	Byesville	Penna.	220
New Pocock Coal Co., Massillon	Cambridge No. 1	U. Freeport, No. 7	Bluebell	B. & O.	148
New Pocock Coal Co., Massillon	McFarlin	U. Freeport, No. 7	Bluebell	B. & O.	60
New Pocock Coal Co., Massillon	Minnehaha	U. Freeport, No. 7	Byesville	Penna.	56
Nicholson Clay Prod. Co., Cambridge	Nicholson Clay	U. Freeport, No. 7	Byesville	Penna.	26
Wallace Pritchard Coal Co., Cambridge	Coal Ridge Strip	U. Freeport, No. 7	Mineral Siding	B. & O.	20
Wayne Mining Co., 34 Ingalls Bldg., Cincinnati	Mary Jean	L. Kittanning, No. 5?	Cambridge	Penna.	153
Western Coal & Coke Co., 43 St. Nicholas Bldg., Pittsburgh, Pa.	Alma	U. Freeport, No. 7	Cassell	B. & O.	16

Harrison County

Apex Coal Co., 629 Kirby Bldg., Cleveland	Apex No. 1 Strip	Pittsburgh, No. 8	Apex	N. Y. C.	100
Bellview Coal Co., Adena	Bellview Strip	Pittsburgh, No. 8	Adena	W. & L. E.	38
Cadiz Block Coal Co., Cadiz	Cadiz Block Strip	Pittsburgh, No. 8	Cadiz	W. & L. E.	45
Cadiz & Fairmont Coal Co., Cadiz	Kenwood	Pittsburgh, No. 8	Kenwood	W. & L. E.	29
Cambridge Collieries Co., Cambridge	Majestic—Drift 1	Pittsburgh, No. 8	Adena	W. & L. E.	62
Cambridge Collieries Co., Cambridge	Majestic—Drift 2	Pittsburgh, No. 8	Adena	W. & L. E.	102
Culbertson, R. L., Coal Co., Youngstown	Culbertson Strip	Pittsburgh, No. 8	Unionvale	W. & L. E.	40
East Cadiz Coal Co., Cadiz	East Cadiz Strip	Pittsburgh, No. 8	E. Cadiz	W. & L. E.	12
Freeport Collieries Co., Atlas Bldg., Columbus	Crab Orchard	U. Freeport, No. 7	Freeport	B. & O.	20
Harmon Creek Coal Co., Oliver Bldg., Pittsburgh, Pa.	Rexford Strip	Pittsburgh, No. 8	E. Cadiz	W. & L. E.	65
Johnson Coal Co., Adena	Johnson	Pittsburgh, No. 8	Unionvale	W. & L. E.	7

COAL MINES—Continued
Harrison County—Concluded

<i>Operator and address</i>	<i>Name of mine</i>	<i>Bed mined</i>	<i>Nearest station</i>	<i>Railroad</i>	<i>Number of employees</i>
Landson Coal Co., Cadiz	Landson Strip	Pittsburgh, No. 8	Hopedale	Penna.	40
Lomi Coal Co., Cadiz	Lomi Strip	Pittsburgh, No. 8	Cadiz	Penna.	40
Massillon Coal Mining Co., Leader-News Bldg., Cleveland	Rose & Gallagher	Pittsburgh, No. 8	Adena	W. & L. E.	306
M. C. S. Coal Co., 351 W. Front St., New Philadelphia	Clark	U. Freeport, No. 7	Phila. Rds.	Penna.	14
Monaco Coal Co., Adena	Monaco No. 1	Pittsburgh, No. 8	Adena	W. & L. E.	66
Monaco Coal Co., Adena	Monaco No. 2	Pittsburgh, No. 8	Kenwood	W. & L. E.	17
Marva Coal Co., Steubenville	Marva Strip	Pittsburgh, No. 8	Cadiz	Penna.	42
New Pittsburgh Coal Co., 12 N. 3rd St., Columbus	No. 80	Pittsburgh, No. 8	Robyville	W. & L. E.	184
Ohio & Penna. Coal Co., Williamson Bldg., Cleveland	Nelms	L. Kittanning, No. 5	Nelms	W. & L. E.	75
Nova Coal Co., 706 First Nat. Bank Bldg., Pitts- burgh, Pa.	Penova Stripping	Pittsburgh, No. 8	Adena	W. & L. E.	75
Nova Coal Co., 706 First Nat. Bank Bldg., Pitts- burgh, Pa.	Penova Drift	Pittsburgh, No. 8	Adena	W. & L. E.	6
Short Creek Coal Co., Fred Lamb, Receiver, 1st Nat. Bk. Bldg., Pittsburgh, Pa.	Short Creek 1-Dr. 1	Pittsburgh, No. 8	Adena	W. & L. E.	59
Short Creek Coal Co., Fred Lamb, Receiver, 1st Nat. Bk. Bldg., Pittsburgh, Pa.	Short Creek 1—Dr. 2	Pittsburgh, No. 8	Adena	W. & L. E.	91

Short Creek Coal Co., Fred Lamb, Receiver, 1st Nat. Bk. Bldg., Pittsburgh, Pa.	Short Creek 1—Dr. 3	Pittsburgh, No. 8	Adena	W. & L. E.	93
Short Creek Coal Co., Fred Lamb, Receiver, 1st Nat. Bk. Bldg., Pittsburgh, Pa.	Short Creek 3	Pittsburgh, No. 8	Adena	W. & L. E.	57
Tabor, W. P., & Co., Cadiz	Hall	Pittsburgh, No. 8	Cadiz	Penna.	10
Tasa Coal Co., 730 Oliver Bldg., Pittsburgh, Pa.	Tasa Stripping	Pittsburgh, No. 8	Kenwood	W. & L. E.	88
Thomas Coal & Land Co., Bramwell, W. Va.	Newton	U. Freeport, No. 7	Bowerstown	Penna.	54
Unity Coal Co., Steubenville	Unity Strip	Pittsburgh, No. 8	Cadiz	Penna.	22
Walker, Harry, Coal Co., Adena	Walker	Pittsburgh, No. 8	Adena	W. & L. E.	48
Warner Collieries Co., Union Commerce Bank Bldg., Cleveland	Marion	Pittsburgh, No. 8	Hopedale	N. Y. C.	69
Wayne Coal Co., Benedum-Trees Bldg., Pittsburgh, Pa.	Wayne No. 9 Strip	Pittsburgh, No. 8	Cadiz	Penna.	30
Wheeling Township Coal Co., Adena	Wheeling Tp. 2—Dr. 1-2-3	Pittsburgh, No. 8	Adena	W. & L. E.	200
Wykega Coal Co., Hopedale	Wykega Strip	Pittsburgh, No. 8	E. Cadiz	W. & L. E.	17

Hocking County

Ackerman Coal Co., Murray City	Liberty No. 2	M. Kittanning, No. 6	Jobs	H. V.	59
A. M. Coal Co., Carbon Hill	D. V. Murphy	M. Kittanning, No. 6	Carbon Hill	H. V.	12
Anchor Coal Co., Carbon Hill	Anchor	M. Kittanning, No. 6	Carbon Hill	H. V.	30
April Coal Co., Carbon Hill	May No. 1-2	M. Kittanning, No. 6	Carbon Hill	H. V.	40
Athens Hocking Coal Co., Nelsonville	Monks No. 1	M. Kittanning, No. 6	New Pittsburgh	H. V.	15

COAL MINES—Continued

Hocking County—Continued

<i>Operator and address</i>	<i>Name of mine</i>	<i>Bed mined</i>	<i>Nearest station</i>	<i>Railroad</i>	<i>Number of employees</i>
Ayers and Wooley Coal Co., Murray City	Snow Fork No. 1	M. Kittanning, No. 6	Murray City	H. V.	16
Big Four Mining Co., Carbon Hill	Big Four	M. Kittanning, No. 6	Longstreth	H. V.	51
Brooker & Co., Murray City	Sanborn No. 2	M. Kittanning, No. 6	New Pittsburgh	H. V.	7
Brooker & Co., Murray City	Sanborn No. 3	M. Kittanning, No. 6	New Pittsburgh	H. V.	6
Brush Fork Coal Co., Nelsonville	Big Liz	M. Kittanning, No. 6	New Pittsburgh	H. V.	40
Carbon Hill Mining Co., Logan	Dorr Run	M. Kittanning, No. 6	Carbon Hill	H. V.	28
Central Hocking Coal Co., 307 Huntington Bank Bldg., Columbus	Longstreth	U. Freeport, No. 7	Longstreth	H. V.	11
Craig, Cora, Coal Co., Nelsonville	North Hocking 1½	M. Kittanning, No. 6	Murray City	H. V.	14
Davis Coal Co., New Straitsville	Dewey	M. Kittanning, No. 6	Dewey Junction	H. V.	18
Dumore Coal Co., Murray City	James No. 2	M. Kittanning, No. 6	Jobs	H. V.	8
Duncan Coal Co., Nelsonville	Duncan	M. Kittanning, No. 6	New Pittsburgh	H. V.	13
Essex Coal Co., 1101 New Hayden Bldg., Columbus	Essex No. 6	M. Kittanning, No. 6	New Pittsburgh	H. V.	83
Essex Coal Co., 1101 New Hayden Bldg., Columbus	Gem	M. Kittanning, No. 6	Dewey Junction	H. V.	83
Farrow Coal Co., Nelsonville	Farrow	M. Kittanning, No. 6	Monday	H. V.	6
Green & Cookson Coal Co., Nelsonville	Monday	M. Kittanning, No. 6	Monday	H. V.	15
Green and Shultz, R. F. D. 4, Nelsonville	Green & Shultz	M. Kittanning, No. 6	Carbon Hill	H. V.	25
Harris & Nieman, Nelsonville	Nutter & Griffin	M. Kittanning, No. 6	Carbon Hill	H. V.	12
Haydenville Coal Co., Haydenville	Haydenville	M. Kittanning, No. 6	Haydenville	H. V.	9

Hellyer & Son Coal Co., R. F. D. 4, Nelsonville	Hellyer	M. Kittanning, No. 6	New Pittsburgh	H. V.	6
Henderson, Wm., Logan	Greendale 1-2	M. Kittanning, No. 6	Gore	H. V.	6
Herrold, J. A., Coal Co., Nelsonville	Herrold	M. Kittanning, No. 6	Nelsonville	H. V.	10
Hocking Valley Products Co., Greendale	H. V. Coal	M. Kittanning, No. 6	Greendale	H. V.	31
Joycé Coal Co., Nelsonville	Joyce	M. Kittanning, No. 6	Carbon Hill	H. V.	8
Long Hill Coal Co., Nelsonville	Long Hill	M. Kittanning, No. 6	Carbon Hill	H. V.	27
Long Hollow Coal Co., Logan	Long Hollow	M. Kittanning, No. 6	Carbon Hill	H. V.	48
Lost Run Coal Co., Nelsonville	Esco No. 2	M. Kittanning, No. 6	Dewey Junction	H. V.	160
Love Brothers Coal Co., Nelsonville	Love No. 1	M. Kittanning, No. 6	New Pittsburgh	H. V.	6
Love Brothers Coal Co., Nelsonville	S. C. 513-2	M. Kittanning, No. 6	New Pittsburgh	H. V.	52
Manhattan Coal Co., Nelsonville	No. 30	M. Kittanning, No. 6	Orbiston	H. V.	72
Manhattan Coal Co., Nelsonville	No. 37-A	M. Kittanning, No. 6	Monday	H. V.	17
Manhattan Coal Co., Nelsonville	No. 39	M. Kittanning, No. 6	Nelsonville	H. V.	30
Monitor Coal Co., Nelsonville	Walnut Hill No. 1	M. Kittanning, No. 6	Snow Fork Jct.	H. V.	17
Murray Coal Co., Murray City	Jobs No. 2½	M. Kittanning, No. 6	Jobs	H. V.	6
Murray Fuel Co., New Straitsville	Old Greendale No. 5	M. Kittanning, No. 6	Murray City	H. V.	9
Nelsonville & Murray Coal Co., Nelsonville	Nelsonville & Murray	M. Kittanning, No. 6	New Pittsburgh	H. V.	88
Nelsonville & Murray Coal Co., Nelsonville	Nelsonville & Murray No. 2	M. Kittanning, No. 6	New Pittsburgh	H. V.	6
New Pittsburgh Coal Co., 12 North 3rd St., Columbus	No. 60	M. Kittanning, No. 6	Murray City	H. V.	265
New Pittsburgh Coal Co., 12 North 3rd St., Columbus	No. 61	M. Kittanning, No. 6	Murray City	H. V.	23
New Pittsburgh Coal Co., 12 North 3rd St., Columbus	No. 62	M. Kittanning, No. 6	Murray City	H. V.	4
New Pittsburgh Coal Co., 12 North 3rd St., Columbus	No. 63	M. Kittanning, No. 6	Murray City	H. V.	8
New Pittsburgh Coal Co., 12 North 3rd St., Columbus	No. 64	M. Kittanning, No. 6	Murray City	H. V.	154

COAL MINES—Continued

Hocking County—Concluded

<i>Operator and address</i>	<i>Name of mine</i>	<i>Bed mined</i>	<i>Nearest station</i>	<i>Railroad</i>	<i>Number of employees</i>
North Hocking Coal Co., Nelsonville	North Hocking No. 2	M. Kittanning, No. 6	Murray City	H. V.	14
North Hocking Coal Co., Nelsonville	North Hocking No. 4	M. Kittanning, No. 6	Murray City	H. V.	88
Patton Coal Co., Nelsonville	Patton	M. Kittanning, No. 6	Snow Fork Jct.	H. V.	14
Phoenix Coal Co., Nelsonville	Snake Hollow No. 207	M. Kittanning, No. 6	Snow Fork Jct.	H. V.	32
Riddle, F. R., Coal Co., Murray City	Hole-in-the-Wall	M. Kittanning, No. 6	Murray City	H. V.	35
Shultz & Green Coal Co., Nelsonville	Shultz & Green	M. Kittanning, No. 6	Carbon Hill	H. V.	24
Service Coal Co., Nelsonville	Service	M. Kittanning, No. 6	Nelsonville	H. V.	9
Sheren, B. F., & Son, R. F. D. 4, Nelsonville	Blue Bell	M. Kittanning, No. 6	Carbon Hill	H. V.	9
Short Haul Coal Co., Logan	Short Haul	M. Kittanning, No. 6	Haydenville	H. V.	5
Southern Ohio Coal Co., 145 North High St., Columbus	Southern Ohio	M. Kittanning, No. 6	Starr	H. V.	155
Spencer Hollow Coal Co., Nelsonville	Spencer Hollow	U. Freeport, No. 7	New Pittsburgh	H. V.	16
Sunday Creek Coal Co., Outlook Bldg., Columbus	Y No. 2	M. Kittanning, No. 6	New Pittsburgh	H. V.	6
Sweazey, Bert, Coal Co., Murray City	Murphy-Hocking	M. Kittanning, No. 6	Murray City	H. V.	6
Swingle, Chas., Coal Co., Murray City	North Hocking No. 6	M. Kittanning, No. 6	Murray City	H. V.	6
Sycamore Coal Co., Murray City	Sycamore No. 1	M. Kittanning, No. 6	Murray City	H. V.	9
Twin Coal Co., Murray City	Bryan & Craft	M. Kittanning, No. 6	Jobs	H. V.	6
Victory Coal Co., Logan	Azbell	M. Kittanning, No. 6	Jobs	H. V.	9
Wel-Eber Coal Co., Nelsonville	Wel-Eber	M. Kittanning, No. 6	Carbon Hill	H. V.	20
Willow Creek Coal Co., Nelsonville	No. 228	M. Kittanning, No. 6	Murray City	H. V.	9

Jackson County

Armstrong Coal Co., Jackson	Armstrong Slope	Quakertown, No. 2	Chapman	D. T. & I.	50
Banner Coal Co., Oak Hill	Oak Hill	L. Kittanning, No. 5	Oak Hill	B. & O.	6
B. K. Coal Co., Wellston	B. K.	Clarion, No. 4a	Wellston	D. T. & I.	6
Capital Coal Co., 612 Huntington Bk. Bldg., Columbus	Capital 1-2	L. Kittanning, No. 5	Wellston	B. & O.	43
Chapman Coal Co., Jackson	Chapman	Quakertown, No. 2	Jackson	D. T. & I.	13
Clay Valley Coal Co., Wellston	Clay Valley 1-2	Clarion, No. 4a	Wellston	B. & O.	9
Domestic Coal Co., Wellston	Domestic	Quakertown, No. 2	Wellston	D. T. & I.	60
Downard Coal Co., Columbus	Downard	Quakertown, No. 2	Wellston	B. & O.	7
Eisnaugle Brothers, R. F. D. 1, Coalton	Eisnaugle	Sharon, No. 1	Jackson	D. T. & I.	6
Elk Fork Coal Co., Wellston	Elk Fork No. 2	Quakertown, No. 2	Wellston	D. T. & I.	10
Evans, T. J., Coal Co., Coalton	Victor	Quakertown, No. 2	Coalton	B. & O.	51
Glen Roy Coal Co., Jackson	Pritchard	Quakertown, No. 2	Coalton	H. V.	16
Globe Iron Co., Jackson	Globe	Sharon, No. 1	Jackson	B. & O.	50
Houser Coal Co., Coalton	Lucy	Quakertown, No. 2	Jackson	D. T. & I.	5
Iron Valley Coal Co., Athens	Iron Valley No. 1	Clarion, No. 4a	Wellston	D. T. & I.	62
Iron Valley Coal Co., Athens	Iron Valley No. 3	Clarion, No. 4a	Wellston	D. T. & I.	15
Jackson Colliery Co., Jackson	Sun	Sharon, No. 1	Jackson	D. T. & I.	23
Jackson Hill Coal Co., Jackson	Jackson Hill	Quakertown, No. 2	Jackson	D. T. & I.	35
Jackson Iron & Steel Co., Jackson	Jisco	Sharon, No. 1	Jackson	D. T. & I.	43
Jasper Coal Co., Wellston	Phillips	Clarion, No. 4a	Wellston	D. T. & I.	31
L. & W. Coal Co., Wellston	L. & W.	Quakertown, No. 2	Hamden	B. & O.	22
McKitterick Brothers Coal Co., Jackson	McKitterick	Sharon, No. 1	Jackson	D. T. & I.	6
Minglewood Coal Co., Wellston	Minglewood No. 1	L. Kittanning, No. 5	Wellston	D. T. & I.	28
Minglewood Coal Co., Wellston	Minglewood No. 3	L. Kittanning, No. 5	Wellston	D. T. & I.	11
Mohawk Coal Co., Wellston	Mohawk	L. Kittanning, No. 5	Wellston	B. & O.	57
Payne, J. D., Coal Co., Jackson	Payne	Sharon, No. 1	Jackson	D. T. & I.	15

COAL MINES—Continued

Jackson County—Concluded

<i>Operator and address</i>	<i>Name of mine</i>	<i>Bed mined</i>	<i>Nearest station</i>	<i>Railroad</i>	<i>Number of employees</i>
Pyro Clay Products Co., Oak Hill	Pyro No. 1	Clarion, No. 4a	Oak Hill	B. & O.	9
Raccoon Coal Co., Huntington Bk. Bldg., Columbus	Raccoon	L. Kittanning, No. 5	Wellston	D. T. & I.	36
Rhodes, E. A., Coalton	Rhodes	Quakertown, No. 2	Coalton	B. & O.	5
Rowe, Allen N., Coal Co., Coalton	Woodrow	Clarion, No. 4a	Wellston	D. T. & I.	12
Roy Coal Co., Wellston	Roy	Clarion, No. 4a	Wellston	B. & O.	11
Shively & Ridenour, Jackson	S. & R.	Sharon, No. 1	Jackson	D. T. & I.	6
Smales Coal Co., Jackson	Smales	Quakertown, No. 2	Jackson	D. T. & I.	19
Superior Collieries Co., Hammond Bldg., Detroit, Mich.	Superior No. 12	Quakertown, No. 2	Wellston	B. & O.	167
Superior Collieries Co., Hammond Bldg., Detroit, Mich.	Superior No. 17	L. Kittanning, No. 5	Wellston	B. & O.	50
Superior Collieries Co., Hammond Bldg., Detroit, Mich.	Superior No. 20	Clarion, No. 4a	Wellston	B. & O.	39
Superior Collieries Co., Hammond Bldg., Detroit, Mich.	Superior No. 23	Clarion, No. 4a	Wellston	B. & O.	19
Victory Colliery Co., Wellston	Victor Colliery	Clarion, No. 4a	Wellston	D. T. & I.	27
Wellston Clay Prod. Co., Wellston	Popcorn	Clarion, No. 4a	Wellston	B. & O.	11
Wellston Clay Prod. Co., Wellston	Welco Coal-Rich Run	Clarion, No. 4a	Wellston	B. & O.	6
Wellston Hill Coal Co., Wellston	Buckeye	Quakertown, No. 2	Coalton	B. & O.	34
Wellston Iron Furnace Co., Jackson	Standard	Quakertown, No. 2	Jackson	D. T. & I.	43
Wellston Rich Run Coal Co., Wellston	Rich Run No. 1	Clarion, No. 4a	Wellston	B. & O.	13
Wellston Rich Run Coal Co., Wellston	Rich Run No. 4-5-6	Clarion, No. 4a	Wellston	B. & O.	35
Wellston Rich Run Coal Co., Wellston	Rich Run Shaft No. 2	Clarion, No. 4a	Wellston	B. & O.	21

Wellston Rich Run Coal Co., Wellston	Sycamore No. 3	L. Kittanning, No. 5	Wellston	B. & O.	37
Wilson & Rowe Coal Co., Coalton	Wilson & Rowe	Quakertown, No. 2	Coalton	D. T. & I.	9
Yeager Coal Co., Wellston	Backrack	Clarion No. 4a	Wellston	D. T. & I.	18

Jefferson County

Adena Coal Co., Adena	Adena No. Drift	Pittsburgh, No. 8	Adena	W. & L. E.	44
Adena Coal Co., Adena	Adena Stripping	Pittsburgh, No. 8	Adena	W. & L. E.	83
Amsterdam Coal Co., Amsterdam	Amsterdam	L. Freeport, No. 6a	Amsterdam	N. Y. C.	100
Apex Coal Co., 629 Kirby Bldg., Cleveland	Apex No. 2 Strip	Pittsburgh, No. 8	Apex	N. Y. C.	106
Banbridge Coal Co., Herrick	Herrick	Pittsburgh, No. 8	Herrick	W. & L. E.	81
Bellaire Mining Co., Adena	Bellaire	Pittsburgh, No. 8	Adena	W. & L. E.	17
Beluan Coal Co., Carl F. Allebaugh, Receiver, 913 Steubenville Bank & Trust Co., Steubenville	Beluan	Pittsburgh, No. 8	Smithfield	P. & W. Va.	32
Bituminous Collieries Co., 410 Kirby Bldg., Cleveland	Smithfield	Pittsburgh, No. 8	Smithfield	P. & W. Va.	70
Blackburn Coal Co., Kirby Bldg., Cleveland	Great Western	L. Freeport, No. 6a	Bergholz	N. Y. C.	120
Black Gem Coal Co., Smithfield	Black Gem No. 2	Pittsburgh, No. 8	Smithfield	P. & W. Va.	13
Bridgeville & Ohio Coal Co., Bridgeville, Pa.	Bando No. 2	Pittsburgh, No. 8	Dunglen	W. & L. E.	88
Bridgeville & Ohio Coal Co., Bridgeville, Pa.	Elizabeth	Pittsburgh, No. 8	Dunglen	W. & L. E.	30
Broughton Coal Co., Parlett	Wayne No. 1-2 Strip	Pittsburgh, No. 8	Wayco	P. & W. Va.	68
Callahan & Schneider, R. F. D. 1, Mingo Junction	Wayne No. 1 Drift	Pittsburgh, No. 8	Kolmont	P. & W. Va.	12

COAL MINES

COAL MINES—Continued

Jefferson County—Continued

<i>Operator and address</i>	<i>Name of mine</i>	<i>Bed mined</i>	<i>Nearest station</i>	<i>Railroad</i>	<i>Number of employees</i>
Callahan & Schneider, R. F. D. 1, Mingo Junction	Wayne No. 2 Drift	Pittsburgh, No. 8	Kolmont	P. & W. Va.	11
Castner, Eli T., Steubenville	Eli No. 1	L. Freeport, No. 6a	Steubenville	C. & P.	22
Clarkson Coal Mining Co., Kirby Bldg., Cleveland	Clarkson No. 3	Pittsburgh, No. 8	Dunglen	W. & L. E.	297
Climax Coal Co., Schmulbach Bldg., Wheeling, W. Va.	Climax Stripping	Pittsburgh, No. 8	Smithfield	P. & W. Va.	32
Consolidated Coal & Coke Co., Steubenville	Henrietta	Pittsburgh, No. 8	Mingo Junction	C. & P.	53
Dando, F. J., Irondale	Dando	L. Kittanning, No. 5	Hammondsville	C. & P.	7
Fernwood Coal Co., Hazelton, Pa.	Fernwood	Pittsburgh, No. 8	Fernwood	C. & P.	29
Folansbee Brothers, Pittsburgh, Pa.	Mill	L. Freeport, No. 6a	Toronto	C. & P.	43
Goat Hill Coal Co., Bergholz	Goat Hill	U. Freeport, No. 7	Bergholz	N. Y. C.	137
Gordon Coal Co., Rayland	Dunn	Pittsburgh, No. 8	Rush Run	C. & P.	11
Hudson Coal & Coke Co., Rush Run	Hudson No. 1	Pittsburgh, No. 8	Rush Run	C. & P.	74
Jefferson Coal Co., Union Trust Bldg., Cleveland	Piney Fork No. 1	Pittsburgh, No. 8	Piney Fork	N. Y. C.	316
Jefferson Coal Co., Union Trust Bldg., Cleveland	Piney Fork No. 2	Pittsburgh, No. 8	Piney Fork	N. Y. C.	324
Jefferson Coal Co., Union Trust Bldg., Cleveland	Piney Fork No. 2 (Cabbage Run)	Pittsburgh, No. 8	Piney Fork	N. Y. C.	169
Jefferson Coal Co., Union Trust Bldg., Cleveland	Piney Fork No. 3	Pittsburgh, No. 8	Harpersville	N. Y. C.	154
Kaul Clay Manufacturing Co., Toronto	Kaul Coal	L. Freeport, No. 6a	Toronto	C. & P.	14

Lewis Coal Co., Wellsville	Buckeye	L. Kittanning, No. 5	Yellow Creek	C. & P.	18
New Pittsburgh Coal Co., 12 North 3rd St., Columbus	No. 81	Pittsburgh, No. 8	Ramsey	W. & L. E.	275
Nicholson, P. R., Dillonvale	Nicholson	Pittsburgh, No. 8	Dillonvale	N. Y. C.	98
Nicholson, P. R., Dillonvale	Nicholson No. 2	Pittsburgh, No. 8	Dillonvale	W. & L. E.	15
Ohio & Penna. Coal Co., Williamson Bldg., Cleveland	Walnut Hill No. 1	Pittsburgh, No. 8	Yorkville	C. & P.	191
Ohio & Penna. Coal Co., Williamson Bldg., Cleveland	Walnut Hill No. 3	Pittsburgh, No. 8	Yorkville	C. & P.	238
Ohio & Penna. Coal Co., Williamson Bldg., Cleveland	West Pittsburgh No. 1	L. Freeport, No. 6a	Bergholz	N. Y. C.	216
Panhandle Collieries Co., 8 East Broad St., Columbus	Fern	Pittsburgh, No. 8	Fernwood	Penna.	27
Piney Fork Coal Co., 8 East Broad St., Columbus	Piney Fork Drift and Strip	Pittsburgh, No. 8	Smithfield	P. & W. Va.	34
Pittsburgh & W. Virginia Coal Co., R. F. D. 2, Cadiz	Parva Strip	Pittsburgh, No. 8	Hopedale	N. Y. C.	15
Rensi, Daniel, Parlett	Virgin	Pittsburgh, No. 8	Parlett	N. Y. C.	38
Rensi, Daniel, Coal Co., Parlett	Anna	Pittsburgh, No. 8	Wayco	P. & W. Va.	30
Stellar Coal Co., Adena	Stellar (Woodward No. 2)	Pittsburgh, No. 8	Adena	W. & L. E.	48
Steubenville Coal Mining Co., Steubenville	High Shaft	L. Freeport, No. 6a	Steubenville	W. & L. E.	117
Superior Coal Co., 311 National Bldg., Wheeling, W. Va.	Superior Strip	Pittsburgh, No. 8	Chandler	Wabash-P. & W. Va.	85
United States Coal Co., Citizens Bldg., Cleveland	Plum Run No. 1	Pittsburgh, No. 8	Smithfield	C. & P.	126
United States Coal Co., Citizens Bldg., Cleveland	Plum Run No. 2	Pittsburgh, No. 8	Smithfield	C. & P.	47
United States Coal Co., Citizens Bldg., Cleveland	Plum Run No. 3	Pittsburgh, No. 8	Smithfield	C. & P.	43

COAL MINES—Continued

Jefferson County—Concluded

<i>Operator and address</i>	<i>Name of mine</i>	<i>Bed mined</i>	<i>Nearest station</i>	<i>Railroad</i>	<i>Number of employees</i>
United States Coal Co., Citizens Bldg., Cleveland	Plum Run No. 4	Pittsburgh, No. 8	Smithfield	C. & P.	32
United States Coal Co., Citizens Bldg., Cleveland	Crow Hollow—Dist. 1	Pittsburgh, No. 8	Dillonvale	N. Y. C.	52
United States Coal Co., Citizens Bldg., Cleveland	Crow Hollow—Dist. 2	Pittsburgh, No. 8	Dillonvale	N. Y. C.	202
United States Coal Co., Citizens Bldg., Cleveland	Crow Hollow—Dist. 3	Pittsburgh, No. 8	Dillonvale	N. Y. C.	124
United States Coal Co., Citizens Bldg., Cleveland	Crow Hollow—Dist. 4	Pittsburgh, No. 8	Dillonvale	N. Y. C.	104
Warner Collieries Co., Union Trust Bldg., Cleveland	Russell	Pittsburgh, No. 8	Tiltonville	C. & P.	158
Warner Collieries Co., Union Trust Bldg., Cleveland	Elizabeth	L. Freeport, No. 6a	Bergholz	N. Y. C.	275
W. & L. E. Coal Mining Co., Leader-News Bldg., Cleveland	Connor No. 1	Pittsburgh, No. 8	Connor	W. & L. E.	31
W. & L. E. Coal Mining Co., Leader-News Bldg., Cleveland	Connor No. 2	Pittsburgh, No. 8	Connor	W. & L. E.	78
W. & L. E. Coal Mining Co., Leader-News Bldg., Cleveland	Dillon No. 1	Pittsburgh, No. 8	Dunglen	W. & L. E.	369
Wheeling Steel Corporation, Steubenville	LaBelle Shaft	L. Freeport, No. 6a	Steubenville	Penna.	216
Woodward, J. G., Coal Co., Kent	Woodward No. 3	Pittsburgh, No. 8	Piney Fork	N. Y. C.	27

Youghiogheny & Ohio Coal Co., Hanna Bldg., Cleveland	Amsterdam No. 1	L. Freeport, No. 6a	Amsterdam	N. Y. C.	187
Youghiogheny & Ohio Coal Co., Hanna Bldg., Cleveland	Amsterdam No. 2	L. Freeport, No. 6a	Amsterdam	N. Y. C.	225
Youghiogheny & Ohio Coal Co., Hanna Bldg., Cleveland	Budd	Pittsburgh, No. 8	Rayland	C. & P.	373
Youghiogheny & Ohio Coal Co., Hanna Bldg., Cleveland	Dorothy	Pittsburgh, No. 8	Rayland	C. & P.	288
Youghiogheny & Ohio Coal Co., Hanna Bldg., Cleveland	Rush Run No. 4	Pittsburgh, No. 8	Rush Run	C. & P.	92

Lawrence County

Andic Coal Co., Portsmouth	Halley 5-6	L. Kittanning, No. 5	Pedro	D. T. & I.	94
Bear Run Mining Co., Eifort	Bear Run	Clarion, No. 4a	Eifort	B. & O.	13
Cambria Clay Products Co., Blackfork	Cambria Coal	L. Kittanning, No. 5	Blackfork	B. & O.	20
Cambria Clay Products Co., Blackfork	Cambria No. 4	Clarion, No. 4a	Blackfork	B. & O.	15
Cambria Clay Products Co., Blackfork	Irish Hollow No. 7	Clarion, No. 4a	Blackfork	B. & O.	42
Deegan, Jas., Coal Grove	Deegan	L. Kittanning, No. 5	Coal Grove	N. & W.	9
Delta Co., Ironton	C. D. K.	M. Kittanning, No. 6	Coal Grove	N. & W.	7
Dickens Coal Co., Ironton	Schubert	L. Kittanning, No. 5	Lisman	D. T. & I.	16
Ginn, Ogg, & Ginn Coal Co., Ironton	Colley & Reynolds	L. Kittanning, No. 5	LaGrange	D. T. & I.	29
Hanging Rock Iron Co., Hanging Rock	New Castler No. 3-4-5-6	L. Kittanning, No. 5	Royersville	D. T. & I.	81
Maxey, W. R., Coal Co., Ironton	Halley Farm	L. Kittanning, No. 5	Lisman	D. T. & I.	25
Rose, Samuel, & Sons, Hanging Rock	Rose No. 1-2	L. Kittanning, No. 5	Royersville	D. T. & I.	35
Tri-State Brick & Tile Co., Ironton	C. D. K.	M. Kittanning, No. 6	Coal Grove	N. & W.	16

COAL MINES—Continued

Mahoning County

<i>Operator and address</i>	<i>Name of mine</i>	<i>Bed mined</i>	<i>Nearest station</i>	<i>Railroad</i>	<i>Number of employees</i>
American Fire Clay Co., Cleveland	Fiske	L. Kittanning, No. 5	Canfield	Erie	26
Riehl, Wm., Coal Co., West Austintown	Riehl	Sharon, No. 1	W. Austintown	Erie	20

Meigs County

Barton Coal Co., Rutland	May Run	Pomeroy, No. 8a	Rutland	K. & M.	8
Blackstone Coal Co., Rutland	Blackstone	Pomeroy, No. 8a	Rutland	K. & M.	81
Coal Valley Mining Co., Pomeroy	McKnight	Pomeroy, No. 8a	Rutland	K. & M.	5
Ebersbach & Smith, Middleport	New Lima	Pomeroy, No. 8a	Hobson	K. & M.	12
Harper Coal Co., Jackson	Harper	Pomeroy, No. 8a	Rutland	K. & M.	15
Heiner Coal Co., Pomeroy	Wm. Heiner	Pomeroy, No. 8a	Pomeroy	H. V.	10
Hines Coal Co., Pomeroy	Hines (N. Pgh. No. 70)	Pomeroy, No. 8a	Pomeroy	H. V.	10
Hobart, M. C., Coal Co., Middleport	Sherman No. 2	Pomeroy, No. 8a	Hobson	K. & M.	7
Hobson Mining Co., Rutland	Hobson	Pomeroy, No. 8a	Hobson	K. & M.	48
Hysell, Robt., Pomeroy	Vulcan No. 3	Pomeroy, No. 8a	Pomeroy	K. & M.	11
Hysell Coal Co., Pomeroy	Shot Gun	Pomeroy, No. 8a	Rutland	K. & M.	11
Lanna Coal Co., Nelsonville	Red Bird	Pomeroy, No. 8a	Hobson	H. V.	36
Maynard Coal Co., Hayden-Clinton Bldg., Columbus	Maynard No. 2	Pomeroy, No. 8a	Rutland	K. & M.	71
Maynard Coal Co., Hayden-Clinton Bldg., Columbus	Maynard No. 3	Pomeroy, No. 8a	Hobson	K. & M.	111

Maynard Coal Co., Hayden-Clinton Bldg., Columbus	Maynard No. 4	Pomeroy, No. 8a	Rutland	K. & M.	91
New Pittsburgh Coal Co., 12 N. 3rd St., Columbus	Charter Oak No. 71	Pomeroy, No. 8a	Pomeroy	H. V.	59
New Pittsburgh Coal Co., 12 N. 3rd St., Columbus	No. 72	Pomeroy, No. 8a	Pomeroy	H. V.	206
New Pittsburgh Coal Co., 12 N. 3rd St., Columbus	No. 73	Pomeroy, No. 8a	Pomeroy	H. V.	64
New Pittsburgh Coal Co., 12 N. 3rd St., Columbus	No. 75	Pomeroy, No. 8a	Pomeroy	H. V.	223
New Pittsburgh Coal Co., 12 N. 3rd St., Columbus	No. 76	Pomeroy, No. 8a	Pomeroy	H. V.	46
Pomeroy Coal Co., Pomeroy	Cedar Run	Pomeroy, No. 8a	Rutland	K. & M.	18
Pomeroy-Hocking Mining Co., 1101 New Hayden Bldg., Columbus	No. 5	Pomeroy, No. 8a	Pomeroy	K. & M.	115
Pomeroy-Hocking Mining Co., 1101 New Hayden Bldg., Columbus	No. 7	Pomeroy, No. 8a	Pomeroy	K. & M.	176
Pomeroy-Hocking Mining Co., 1101 New Hayden Bldg., Columbus	No. 8	Pomeroy, No. 8a	Pomeroy	K. & M.	23
Stalter Essex Coal Co., 1101 New Hayden Bldg., Columbus	Essex No. 1	Pomeroy, No. 8a	Hobson	K. & M.	40
Stalter Essex Coal Co., 1101 New Hayden Bldg., Columbus	Essex No. 3	Pomeroy, No. 8a	Pomeroy	K. & M.	9
Stalter Essex Coal Co., 1101 New Hayden Bldg., Columbus	Essex No. 4	Pomeroy, No. 8a	Rutland	K. & M.	5
Stalter Essex Coal Co., 1101 New Hayden Bldg., Columbus	Essex No. 5	Pomeroy, No. 8a	Hobson	K. & M.	76
Stalter Essex Coal Co., 1101 New Hayden Bldg., Columbus	Essex No. 7	Pomeroy, No. 8a	Pomeroy	K. & M.	216
Stalter Essex Coal Co., 1101 New Hayden Bldg., Columbus	Essex No. 8	Pomeroy, No. 8a	Pomeroy	K. & M.	5
Union Coal Co., Minersville	Union	Pomeroy, No. 8a	Pomeroy	O. R. E. R. & P.	25

COAL MINES—Continued

Morgan County

<i>Operator and address</i>	<i>Name of mine</i>	<i>Bed mined</i>	<i>Nearest station</i>	<i>Railroad</i>	<i>Number of employees</i>
Manhattan Coal Co., Nelsonville	No. 51	M. Kittanning, No. 6	Tropic	Z. & W.	314
Manhattan Coal Co., Nelsonville	No. 52	M. Kittanning, No. 6	Tropic	Z. & W.	..
Tropic Mining Co., Ohio Bldg., Toledo	Tropic	M. Kittanning, No. 6	Tropic	Z. & W.	260

Muskingum County

Allied Coal Co., Clark Bldg., Canton	Allied stripping	M. Kittanning, No. 6	Zanesville	B. & O.	50
Atkins, Geo., South Zanesville	Atkins	M. Kittanning, No. 6	Darlington	Penna.	8
Blaney, W. H., Cannelville	Little Gem No. 2	M. Kittanning, No. 6	Stovertown	Z. & W.	12
Blue Rock Coal Co., Zanesville	Blue Rock	U. Freeport, No. 7	Stone	O. & L. K.	31
Burton Miller Coal Co., South Zanesville	Burton-Miller No. 1	M. Kittanning, No. 6	Stovertown	Z. & W.	31
Burton Miller Coal Co., South Zanesville	Burton-Miller No. 2	M. Kittanning, No. 6	Stovertown	Z. & W.	30
Burton Miller Coal Co., South Zanesville	Burton-Miller No. 3	M. Kittanning, No. 6	Cannelville	Z. & W.	17
Burton-Townsend Coal Co., South 8th St., Zanesville	Monitor	M. Kittanning, No. 6	Darlington	C. A. & C.	128
Eagle Coal Co., R. F. D. 1, S. Zanesville	Eagle	M. Kittanning, No. 6	Frazier	Z. & W.	11
Ganople, Gus., R. F. D. 2, Philo	Garrett	M. Kittanning, No. 6	Garrett	O. & L. K.	7

Grace Coal Mining Co., Spitzer Bldg., Toledo	Grace	M. Kittanning, No. 6	Cannelville	Z. & W.	28
Harris Brick & Coal Co., Zanesville	Harris	U. Freeport, No. 7	Romine	O. R. & W.	15
Licking Coal Co., Zanesville	Licking	U. Freeport, No. 7	Romine	O. R. & W.	19
Longstreth & Koehler, 117 Adair Ave., Zanesville	Red Oak	M. Kittanning, No. 6	Cannelville	Z. & W.	17
McClellan & Wilson Coal Co., 924 Greenwood Ave., Zanesville	Green Hill	M. Kittanning, No. 6	Sealover	O. & L. K.	11
McGarvey, J. A., McIntire Ave., Zanesville	Rosebud	M. Kittanning, No. 6	Cannelville	Z. & W.	26
Muskingum Coal Co., Shultz Bldg., Zanesville	Muskingum	M. Kittanning, No. 6	South Zanesville	River	95
Pan-American Coal Co., Richards Bldg., Zanesville	Pan-American No. 11	M. Kittanning, No. 6	Cannelville	Z. & W.	124
Penn Coal Co., 8 E. Broad St., Columbus	Penn	M. Kittanning, No. 6	Roseville	C. A. & C.	82
Power Coal Co., Philo	Hysell Run	M. Kittanning, No. 6	Cannelville	Z. & W.	47
Ray, Perry, & Sons, Zanesville	Stover	M. Kittanning, No. 6	Stovertown	Z. & W.	12
Reitler Brothers, R. F. D. 1, South Zanesville	Buckeye	L. Kittanning, No. 5	Frazier	Z. & W.	25
Ward & Winefordner, Zanesville	Big Muskingum	M. Kittanning, No. 6	Ellis	W. & L. E.	56
Wilson, C. M., Coal Co., Crooksville	Victor	M. Kittanning, No. 6	Stovertown	Z. & W.	21
Werner, W. A., Masonic Bldg., Zanesville	Werner	U. Freeport, No. 7	Romine	O. R. & W.	10
Youngs Brothers & Ulrich Coal Co., Zanesville	Sunflower	U. Freeport, No. 7	Pierce Station	O. R. & W.	9

COAL MINES—Continued

Noble County

<i>Operator and address</i>	<i>Name of mine</i>	<i>Bed mined</i>	<i>Nearest station</i>	<i>Railroad</i>	<i>Number of employees</i>
Cambridge Collieries Co., Cambridge	Caldwell	U. Freeport, No. 7	Caldwell	Penna.	365
Cambridge Collieries Co., Cambridge	Coal Ridge	U. Freeport, No. 7	Coal Ridge	Penna.	114
Forsythe Coal Co., Cambridge	Imperial No. 1	U. Freeport, No. 7	Belle Valley	Penna.	243
Horger, J. C., Coal Co., Macksburg	Macksburg	Meigs Creek, No. 9	Macksburg	Penna.	29

Perry County

Bear Run Coal Co., New Lexington	Bear Run	M. Kittanning, No. 6	New Lexington	Penna.	52
Big Four Coal Co., New Lexington	Big Four	M. Kittanning, No. 6	McCuneville	B. & O.	5
Big Five Coal Co., Shawnee	Big Five	M. Kittanning, No. 6	McCuneville	B. & O.	30
Blair-Sharshal Coal Co., Shawnee	Iron Point	M. Kittanning, No. 6	Shawnee	B. & O.	59
Bristol Block Coal Co., Logan	Bristol Block	M. Kittanning, No. 6	Dixie	B. & O.	32
Buckeye Coal Co., Shawnee	Buckeye	M. Kittanning, No. 6	Shawnee	B. & O.	5
Burns, Geo., Coal Co., Corning	Burns	M. Kittanning, No. 6	Rendville	Z. & W.	6
Cable Coal Co., Shawnee	Cable	M. Kittanning, No. 6	McCuneville	B. & O.	36
Carrington Coal Co., Nelsonville	Ludington No. 3	M. Kittanning, No. 6	Carrington	Z. & W.	15
Carrington Coal Co., Nelsonville	Shadyside	M. Kittanning, No. 6	Carrington	Z. & W.	33
Chestnut Hill Coal Co., Nelsonville	Chestnut Hill	M. Kittanning, No. 6	Claybank	T. & O. C.	30
Coalgate Coal Co., New Straitsville	Coalgate	L. Kittanning, No. 5	McCuneville	B. & O.	27
Corning Mining Co., Corning	Corning No. 26	M. Kittanning, No. 6	Corning	K. & M.	27
Cres-Mar Coal Co., 212 Richards Block, Zanesville	Keystone No. 3	M. Kittanning, No. 6	Crooksville	C. A. & C.	85

Cres-Mar Coal Co., 212 Richards Block, Zanesville	Keystone No. 10	M. Kittanning, No. 6	Crooksville	Penna.	17
Davis & Lewis Coal Co., Shawnee	Davis-Lewis	M. Kittanning, No. 6	McCunneville	B. & O.	6
Dean Coal & Coke Co., Atlas Bldg., Columbus	Olmstead	M. Kittanning, No. 6	Moxahala	T. & O. C.	35
Dixie Coal & Mining Co., Corning	Pike	M. Kittanning, No. 6	Dixie	B. & O.	46
Ferneliff Coal Co., 3rd and Main St., Zanesville	Fern Cliff	L. Kittanning, No. 5	Salttillo	Z. & W.	27
Griffith Coal Co., Shawnee	Griffith	M. Kittanning, No. 6	Shawnee	B. & O.	5
Hanna Essex Coal Co., New Straitsville	Essex No. 2	M. Kittanning, No. 6	Carrington	Z. & W.	31
Hanna Essex Coal Co., New Straitsville	Essex No. 3	M. Kittanning, No. 6	Carrington	Z. & W.	10
Harmeyford Coal Co., Masonic Bldg., Zanesville	Harmeyford No. 1	L. and M. Kittanning, Nos. 5 and 6	Salttillo	Z. & W.	38
Harmeyford Coal Co., Masonic Bldg., Zanesville	Harmeyford No. 2 Strip	M. Kittanning, No. 6	Bairds Furnace	H. V.	30
Harmeyford Coal Co., Masonic Bldg., Zanesville	Harmeyford No. 3	M. Kittanning, No. 6	McCunneville	B. & O.	33
High Grade Coal Co., New Lexington	Briar Hill	M. Kittanning, No. 6	Misco	Z. & W.	8
High Vein Coal Co., Shawnee	Falks	M. Kittanning, No. 6	Buckingham	Z. & W.	33
Hill Mining Co., McLuney	Hill	M. Kittanning, No. 6	McLuney	Penna.	13
Hilltop Coal Co., Salttillo	Keystone No. 7	M. Kittanning, No. 6	Crooksville	Z. & W.	12
Hocking Block Coal Co., 1101 New Hayden Bldg., Columbus	Central No. 3	M. Kittanning, No. 6	New Straitsville	H. V.	91
Hocking Block Coal Co., 1101 New Hayden Bldg., Columbus	Rock Run Branch No. 3	M. Kittanning, No. 6	New Straitsville	B. & O.	5
James & Hitt, New Lexington	Wilbern	M. Kittanning, No. 6	Wilbern	Penna.	24
Jenkins, Dan C., Coal Co., Shawnee	X X No. 1	M. Kittanning, No. 6	Shawnee	Z. & W.	18
Lexington Coal Co., New Lexington	Lexington	M. Kittanning, No. 6	New Lexington	T. & O. C.	18
Loyal Coal Co., Shawnee	Loyal	M. Kittanning, No. 6	Clay Bank	T. & O. C.	13

COAL MINES—Continued

Perry County—Continued

<i>Operator and address</i>	<i>Name of mine</i>	<i>Bed mined</i>	<i>Nearest station</i>	<i>Railroad</i>	<i>Number of employees</i>
McLuney Coal Co., Crooksville	American	M. Kittanning, No. 6	McLuney	Penna.	13
McMillen Coal Co., R. F. D. 3, Roseville	Corvin	M. Kittanning, No. 6	Salttillo	Z. & W.	5
Mid-Hocking Coal Co., New Lexington	Mid-Hocking No. 5	M. Kittanning, No. 6	Burr Oak	K. & M.	121
Miller, W. J., Coal Co., New Straitsville	Miller	M. Kittanning, No. 6	New Straitsville	H. V.	20
Milligan, O., Co., Crooksville	Milligan	M. Kittanning, No. 6	McLuney	C. A. & C.	15
Milligan, O., Co., Crooksville	Milligan No. 3	M. Kittanning, No. 6	McLuney	C. A. & C.	23
Milligan, O., Co., Crooksville	Tunnel Hill	M. Kittanning, No. 6	Crooksville	Z. & W.	21
Mink Run Coal Co., Schultz Bldg., Columbus	Mink Run	M. Kittanning, No. 6	Clay Bank	T. & O. C.	6
Monsarrat Brothers, 8 E. Long St., Columbus	Monsarrat No. 2	M. Kittanning, No. 6	Drakes	Z. & W.	63
Monsarrat Brothers, 8 E. Long St., Columbus	Monsarrat No. 3	M. Kittanning, No. 6	Drakes	Z. & W.	28
Monsarrat Brothers, 8 E. Long St., Columbus	Monsarrat No. 9	M. Kittanning, No. 6	Rendville	T. & O. C.	49
Mullen, C. A., Coal Co., Crooksville	Fern Hill	M. Kittanning, No. 6	Crooksville	Z. & W.	14
Myers Coal Co., Dresden Rd., Zanesville	Redfield No. 1	L. Kittanning, No. 5	Salttillo	Z. & W.	21
Myers Coal Co., Dresden Rd., Zanesville	Redfield No. 2	M. Kittanning, No. 6	Salttillo	Z. & W.	57

Oakwood Coal Co., 217 Gates St., Columbus	Caledonian	M. Kittanning, No. 6	Clay Bank	T. & O. C.	12
Ohio Central Coal Co., 111 Schultz Bldg., Columbus	Ohio Central	M. Kittanning, No. 6	Moxahala	T. & O. C.	48
Ohio Collieries Co., Ohio Bldg., Toledo	No. 268	M. Kittanning, No. 6	Rendville	T. & O. C.	98
Ohio Collieries Co., Ohio Bldg., Toledo	No. 301	M. Kittanning, No. 6	Congo	Z. & W.	273
Ohio Collieries Co., Ohio Bldg., Toledo	No. 302	M. Kittanning, No. 6	Congo	Z. & W.	97
Paskell Coal Co., New Lexington	Azbell	M. Kittanning, No. 6	McCuneville	B. & O.	11
Perry County Coal Co., New Lexington	Martin	M. Kittanning, No. 6	New Lexington	T. & O. C.	13
Plummer Hill Coal Co., New Straitsville	Plummer Hill 1-2	M. Kittanning, No. 6	New Straitsville	H. V.	10
Primrose Coal Co., Shawnee	Primrose	M. Kittanning, No. 6	McCuneville	B. & O.	29
Robinson Coal Co., Zanesville	Keystone No. 9	M. Kittanning, No. 6	Crooksville	Penna.	15
Roseville Coal Co., Roseville	New Crescent No. 2	M. Kittanning, No. 6	Roseville	C. A. & C.	67
Royal Coal Co., Moxahala	Royal	M. Kittanning, No. 6	Clay Bank	T. & O. C.	15
Salttillo Mining Co., 308 Euclid Ave., Cleveland	Salttillo	M. Kittanning, No. 6	Salttillo	Z. & W.	18
Schroeder, C. L., R. D. 1, Corning	Schroeder	M. Kittanning, No. 6	Buckingham	Z. & W.	10
Shawnee & McCuneville Coal Co., Shawnee	Jaynes	M. Kittanning, No. 6	McCuneville	B. & O.	8
Silver Fox Coal Co., Nelsonville	Silver Fox	M. Kittanning, No. 6	Clay Bank	T. & O. C.	13
Sines Brothers Coal Co., New Straitsville	Sines Brothers	M. Kittanning, No. 6	New Straitsville	H. V.	14
Snell & Schumacher, Crooksville	Schumacher	M. Kittanning, No. 6	Crooksville	N. & W.	35
Southern Perry Coal Co., Shawnee	Advance	M. Kittanning, No. 6	McCuneville	B. & O.	25
Standard Hocking Coal Co., McCormick Bldg., Chicago, Ill.	Rend	M. Kittanning, No. 6	Crooksville	C. A. & C.	133
Star Coal Co., McCuneville	Star (Service)	M. Kittanning, No. 6	McCuneville	B. & O.	12

COAL MINES—Continued

Perry County—Concluded

<i>Operator and address</i>	<i>Name of mine</i>	<i>Bed mined</i>	<i>Nearest station</i>	<i>Railroad</i>	<i>Number of employees</i>
Sunday Creek Coal Co., Outlook Bldg., Columbus	No. 8	M. Kittanning, No. 6	Corning	Z. & W.	315
Sunday Creek Coal Co., Outlook Bldg., Columbus	No. 9	M. Kittanning, No. 6	Rendville	T. & O. C.	87
Sunday Creek Coal Co., Outlook Bldg., Columbus	No. 19	M. Kittanning, No. 6	Buckingham	Z. & W.	145
Sunday Creek Coal Co., Outlook Bldg., Columbus	No. 85	M. Kittanning, No. 6	Burr Oak	K. & M.	144
Sunday Creek Coal Co., Outlook Bldg., Columbus	No. 90	M. Kittanning, No. 6	Carrington	Z. & W.	131
Sunday Creek Coal Co., Outlook Bldg., Columbus	No. 255-5	M. Kittanning, No. 6	Rendville	T. & O. C.	80
Sunday Creek Coal Co., Outlook Bldg., Columbus	No. 101	M. Kittanning, No. 6	Santoy	Z. & W.	235
Sunday Creek Coal Co., Outlook Bldg., Columbus	No. 402	M. Kittanning, No. 6	Santoy	Z. & W.	332
Thistle Coal Co., New Straitsville	Thistle	M. Kittanning, No. 6	Carrington	Z. & W.	13
Thorn Hill Coal Co., Nelsonville	Thorn Hill No. 1	M. Kittanning, No. 6	McCuneville	B. & O.	53
Thorn Hill Coal Co., Nelsonville	Thorn Hill No. 2	M. Kittanning, No. 6	McCuneville	B. & O.	68
Troy Coal Co., New Straitsville	Troy No. 1	M. Kittanning, No. 6	New Straitsville	H. V.	12
Troy Coal Co., New Straitsville	Troy No. 2	M. Kittanning, No. 6	New Straitsville	H. V.	32
Upton Brothers Mining Co., Newark	Dixie	M. Kittanning, No. 6	Dixie	B. & O.	62
Wayne Coal Co., Benedom-Trees Bldg., Pittsburgh, Pa.	Wayne No. 11-12 Strip	M. Kittanning, No. 6	New Lexington	C. A. & C.	95

Wayne Coal Co., Benedum-Trees Bldg., Pittsburgh, Pa.	Wayne No. 13-14 Strip	M. Kittanning, No. 6	New Lexington	T. & O. C.	65
Weaver, Paul, Co., 8 E. Long St., Columbus	Red Onion	M. Kittanning, No. 6	Hemlock	Z. & W.	34
Webster Coal Co., Schultz Bldg., Columbus	Webster	M. Kittanning, No. 6	Clay Bank	T. & O. C.	14
West Hill Coal Co., New Lexington	West Hill	M. Kittanning, No. 6	New Lexington	T. & O. C.	10
White Elm Coal Co., New Lexington	White Elm	M. Kittanning, No. 6	Clay Bank	T. & O. C.	29
Whorle Brothers, New Straitsville	Little Bomm	M. Kittanning, No. 6	Dixie	B. & O.	6
Wigton, S. R., & Co., Roseville	Wilson	M. Kittanning, No. 6	Crooksville	Z. & W.	15

Portage County

Hutson Coal Co., Park Bldg., Cleveland	Hutson No. 1	Sharon, No. 1	Deerfield	N. Y. C.	45
Hutson Coal Co., Park Bldg., Cleveland	Hutson No. 4	Sharon, No. 1	Deerfield	N. Y. C.	103
Hutson Coal Co., Park Bldg., Cleveland	Hutson No. 10	Sharon, No. 1	Deerfield	N. Y. C.	60

Stark County

Barber, O. C., Clay Industries Co., Canton	Pike Run No. 6	M. Kittanning, No. 6	Howenstein	B. & O.	17
Betty Coal Co., Massillon	Betty C	Sharon, No. 1	North Canton	B. & O.	31
Brewster Coal Co., Justus	Hy-Grade	Sharon, No. 1	Brewster	W. & L. E.	14
Canton-Massillon Mining Co., 615 Kirby Bldg., Cleveland	Shotmacher	Brookville, No. 4	Greentown	N. O. P. & L.	49

COAL MINES—Continued

Stark County—Concluded

<i>Operator and address</i>	<i>Name of mine</i>	<i>Bed mined</i>	<i>Nearest station</i>	<i>Railroad</i>	<i>Number of employees</i>
Eckroad, Morris, 3215 Hirst Ave., Canton	Robertsville	M. Kittanning, No. 6	Robertsville	W. & L. E.	11
Edgefield Coal Co., Arcade Bldg., Canton	Edgefield	Brookville, No. 4	Canton	W. & L. E.	108
Edgewater Coal Co., 11 Lynn Bldg., Canton	Janod	Brookville, No. 4	Howenstein	B. & O.	23
Hoover Co., North Canton	Hoover	Brookville, No. 4	North Canton	B. & O.	25
Industrial Mining Co., 11 Lynn Bldg., Canton	Black Oak No. 2	Brookville, No. 4	North Industry	B. & O.	42
Justus Coal Co., Justus	Grausklaus	Brookville, No. 4	Justus	W. & L. E.	7
New Beechwood Coal Co., Bowdil	Beechwood	Sharon, No. 1	Bowdil	Penna.	14
New Pocock Coal Co., Massillon	Massillon City No. 8	Sharon, No. 1	Harmon	W. & L. E.	19
Oak Hill Coal Co., Massillon	Oak Hill No. 4	Sharon, No. 1	Justus	B. & O.	7
Peerless Lime & Coal Co., Renkert Bldg., Canton	Monarch	Brookville, No. 4	Howenstein	B. & O.	7
Skelton, C. & G., 314 Broad Ave., S. E., Canton	Lincoln Highway	L. Kittanning, No. 5	East Canton	W. & L. E.	8
Summit Ridge Coal Co., North Industry	Summit	M. Kittanning, No. 6	East Sparta	B. & O.	24

Summit County

National Fire Proofing Co., Pittsburgh, Pa.	Coal	Brookville, No. 4	Aultman	B. & O.	17
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Tuscarawas County

Allensworth, Walter, Uhrichsville	Dennison Coal	M. Kittanning, No. 6	Dennison	Penna.	7
American Vitrified Prod. Co., Akron	Diamond Coal No. 17	M. Kittanning, No. 6	Uhrichsville	B. & O.	26
Barnes & Mills Coal Co., Coshocton	Riverside	M. Kittanning, No. 6	Tuscarawas	Penna.	7
Beaver Coal Co., Rear 424 N. 5th St., New Philadelphia	Brown	M. Kittanning, No. 6	New Philadelphia	Penna.	33
Brown Hollow Coal Co., Somerdale	Brown Hollow	M. Kittanning, No. 6	Somerdale	W. & L. E.	7
Brown, H. R., & Son Coal Co., 426 Beaver Ave., New Philadelphia	No. 1	M. Kittanning, No. 6	New Philadelphia	Penna.	85
Buckhorn Collieries Co., 404 Park Bldg., Cleveland	Buckhorn	L. Kittanning, No. 5	Kimbolton	Penna.	25
Buckeye Fire Clay Co., Uhrichsville	Buckeye Coal	M. Kittanning, No. 6	Uhrichsville	Penna.	14
Cataruzi Coal Co., Roswell	Cataruzi	M. Kittanning, No. 6	New Philadelphia	Penna.	19
Clay City Clay Co., Uhrichsville	Clay City Coal	M. Kittanning, No. 6	Uhrichsville	B. & O.	7
Clean Coal Co., 218 S. Broadway, New Philadelphia	Reeves No. 2	M. Kittanning, No. 6	New Philadelphia	Penna.	25
Columbia Fire Brick Co., Canton	Columbia Coal Strip	L. Kittanning, No. 5	Strasburg	B. & O.	15
Daisy Hill Coal Co., Gnadenhutten	Daisy Hill	M. Kittanning, No. 6	Gnadenhutten	Penna.	5
Dennison Sewer Pipe Co., Dennison	Dennison Coal	M. Kittanning, No. 6	Dennison	Penna.	8
E. & B. Coal Co., Newcomerstown	E. & B.	M. Kittanning, No. 6	Newcomerstown	Penna.	13
Euga, F. L., Coal Co., Newcomerstown	Myrtle No. 1	M. Kittanning, No. 6	Wolf	Penna.	29
Euga, F. L., Coal Co., Newcomerstown	Myrtle No. 3	L. Freeport, No. 6a?	Wolf	Penna.	63
Evans Pipe Co., Uhrichsville	Evans Coal	M. Kittanning, No. 6	Uhrichsville	B. & O.	27

COAL MINES—Continued

Tuscarawas County—Continued

<i>Operator and address</i>	<i>Name of mine</i>	<i>Bed mined</i>	<i>Nearest station</i>	<i>Railroad</i>	<i>Number of employees</i>
Federal Collieries Co., 2160 E. 18th St., Cleveland	Indian Hill	M. Kittanning, No. 6	Uhrichsville	Penna.	30
Finzer Brothers, Sugar Creek	Finzer	L. Kittanning, No. 5	Sugar Creek	W. & L. E.	24
Goshen Central Coal Co., Massillon	Laurel Valley No. 1	M. Kittanning, No. 6	Stillwater	B. & O.	60
Goshen Ridge Coal Co., Roswell	Goshen Ridge No. 2	M. Kittanning, No. 6	Roswell	C. & P.	11
Goshen Standard Coal Co., R. F. D. 3, New Philadelphia	Forge No. 2	M. Kittanning, No. 6	Joyce	Penna.	10
Horger Coal Co., New Philadelphia	"H"	M. Kittanning, No. 6	New Philadelphia	Penna.	58
Johnston Coal Co., New Cumberland	Tuscarawas No. 4	M. Kittanning, No. 6	New Cumberland	W. & L. E.	22
Kline & Moore, New Philadelphia	Kline	M. Kittanning, No. 6	New Philadelphia	C. & P.	33
Lake City Coal Co., 1411 Union Trust Bldg., Cleveland	Mullen No. 2	M. Kittanning, No. 6	New Philadelphia	Penna.	29
Laughlin, J. W., Mineral City	Laughlin No. 5	L. Kittanning, No. 5	Mineral City	Penna.	16
Laughlin, J. W., Mineral City	Laughlin No. 5½	L. Kittanning, No. 5	Summit Siding	Penna.	18
Laughlin, J. W., Mineral City	Laughlin No. 6	L. Kittanning, No. 5	Mineral City	Penna.	10
Lewis, Mish, R. D. No. 2, Uhrichsville	Lewis No. 3	M. Kittanning, No. 6	Uhrichsville	Penna.	5
Markley, Geo. J., Mineral City	Huff Run No. 1	L. Kittanning, No. 5	Mineral City	B. & O.	43
Martin, Eben S., New Philadelphia	Brown	M. Kittanning, No. 6	New Philadelphia	Penna.	46
Massillon-Tuscarawas Coal Co., Electric Bldg., Cleveland	Tuscarawas No. 3	M. Kittanning, No. 6	Newcomerstown	W. & L. E.	63
Meissner Mining Co., 167 Beaver Ave., New Philadelphia	Meissner	M. Kittanning, No. 6	New Philadelphia	Penna.	15
Midvale Coal Co., Midvale	Midvale No. 4	M. Kittanning, No. 6	Midvale	B. & O.	143
Midvale Coal Co., Midvale	Midvale No. 5	M. Kittanning, No. 6	Midvale	B. & O.	12

Midvale Coal Co., Midvale	Midvale No. 6	M. Kittanning, No. 6	Midvale	B. & O.	75
Midvale-Goshen Coal Co., Union Nat. Bank Bldg., Cleveland	Wainwright No. 6	M. Kittanning, No. 6	Tuscarawas	B. & O.	92
Midvale-Goshen Coal Co., Union Nat. Bank Bldg., Cleveland	Wainwright No. 7	M. Kittanning, No. 6	Tuscarawas	B. & O.	121
New Pockock Coal Co., Massillon	Maple Leaf	U. Freeport, No. 7	Newport	B. & O.	96
Pyle, L. G., Coal Co., Somerdale	Chase	L. Kittanning, No. 5	Mineral City	B. & O.	9
Reeves Manufacturing Co., New Philadelphia	Reeves No. 3	M. Kittanning, No. 6	New Philadelphia	C. & P.	52
Reeves Manufacturing Co., New Philadelphia	Reeves No. 6	M. Kittanning, No. 6	New Philadelphia	Penna.	36
Ridgeway Coal Co., Uhrichsville	Ridgeway No. 2	M. Kittanning, No. 6	Uhrichsville	Penna.	13
Robinson, S. P., & Sons Co., Uhrichsville	Coal	M. Kittanning, No. 6	Uhrichsville	B. & O.	16
Romig Clay Products Co., Uhrichsville	Romig Coal	M. Kittanning, No. 6	Gnadenhutten	Penna.	27
Ross Clay Products Co., Uhrichsville	Ross Clay & Coal	U. Freeport, No. 7	Dennison	Penna.	18
Roswell Coal Mining Co., 550 Leader-News Bldg., Cleveland	"C"	M. Kittanning, No. 6	New Philadelphia	Penna.	91
Rutledge, R. W., Midvale	Eastport No. 3	U. Freeport, No. 7	Midvale	Penna.	21
Schneider, H. C., S. P. Co., New Philadelphia	"D"	M. Kittanning, No. 6	New Philadelphia	Penna.	88
Schneider, H. C., S. P. Co., New Philadelphia	"E"	M. Kittanning, No. 6	New Philadelphia	Penna.	23
Scott Coal Co., Midvale	"B" No. 1	M. Kittanning, No. 6	Midvale	B. & O.	70
Shepfler & Moomaw Brothers, Sugar Creek	Shepfler & Moomaw	L. Freeport, No. 6a?	Sugar Creek	W. & L. E.	11
Steiner Coal Co., R. D. 2, New Philadelphia	Jet	M. Kittanning, No. 6	New Philadelphia	Penna.	6
Stillwater Clay Products Co., Uhrichsville	Stillwater Coal No. 2	M. Kittanning, No. 6	Uhrichsville	B. & O.	14
Uhrichsville Clay Co., Uhrichsville	Uhrichsville Coal	M. Kittanning, No. 6	Uhrichsville	Penna.	15

COAL MINES—Concluded

Tuscarawas County—Concluded

<i>Operator and address</i>	<i>Name of mine</i>	<i>Bed mined</i>	<i>Nearest station</i>	<i>Railroad</i>	<i>Number of employees</i>
Underhill Coal Co., Kirby Bldg., Cleveland	Mullins No. 4	M. Kittanning, No. 6	New Philadelphia	Penna.	6
Wayne Coal Co., Benedum-Trees Bldg., Pittsburgh, Pa.	Wayne No. 7-10 Strip	L. Kittanning, No. 5	Dundee	W. & L. E.	55
Winger Coal Co., New Philadelphia	Goshen Central No. 3	M. Kittanning, No. 6	New Philadelphia	Penna.	43
Wolford Coal Co., Uhrichsville	Walnut Grove	M. Kittanning, No. 6	Newport	B. & O.	41

Vinton County

Beech Grove Coal Co., Huntington Bank Bldg., Columbus	Beech Grove	Clarion, No. 4a	Hawk	H. V.	50
Blanchard Coal Co., Wellston	Blanchard	M. Kittanning, No. 6	Zaleski	B. & O.	11
Chicago-Oreton Coal Co., Atlas Bldg., Columbus	Chicago-Oreton	Clarion, No. 4a	Oreton	H. V.	13
Edgemont Fuel Mining Co., Huntington Bank Bldg., Columbus	Coalton	Brookville, No. 4	McArthur	H. V.	28
Elk Fork Coal Co., Wellston	No. 1	Quakertown, No. 2	Elk Fork	H. V.	28
Hocking Fuel Co., Radcliff	Campbell	Clarion, No. 4a	Radcliff	H. V.	25
Kinwood Coal Co., Ruggery Bldg., Columbus	Kinwood	Clarion, No. 4a	Oreton	H. V.	23

Lawlor, John L., & Son, Gasco Bldg., Columbus	Lawlor No. 7	Clarion, No. 4a	Clarion	H. V.	91
Lawlor, John L., & Son, Gasco Bldg., Columbus	Lawlor No. 7-A	Clarion, No. 4a	Clarion	H. V.	12
McArthur Brick Co., McArthur	Lomax	Clarion, No. 4a	McArthur	H. V.	19
McArthur Brick Co., McArthur	Puritan	Clarion, No. 4a	Hamden	H. V.	21
Manhattan Coal Co., Nelsonville	Oreton	Clarion, No. 4a	Oreton	H. V.	55
Oliver Coal Co., Grove City	Hope	M. Kittanning, No. 6	Hope	B. & O.	24
Royal Coal Mining Co., Wellston	Campbell	Clarion, No. 4a	Wellston	D. T. & I.	6
Shaffer Coal Co., Nelsonville	Shaffer	Clarion, No. 4a	Hawk	H. V.	24
Thompson Coal Co., Radcliff	Thompson	Clarion, No. 4a	Radcliff	H. V.	24

Washington County

Macksburg Mining Co., Byesville	Forest City	Meigs Creek, No. 9	Macksburg	Penna.	23
Wickens & Haas, Warner	Peerless No. 2	Meigs Creek, No. 9	Elba	Penna.	22

DOLOMITE REFRACTORIES

<i>Name and address</i>	<i>Location</i>
Dolomite Products Co., Maple Grove	Maple Grove, Seneca County
Kennedy Refractories Co., Bettsville	Bettsville, Seneca County

DRILLERS FOR PETROLEUM AND NATURAL GAS

Compiled from Division of Labor Statistics, Department of Industrial Relations of Ohio

<i>Name and address</i>	<i>Name and address</i>
Adair & Brandon, 63 N. Walnut St., Logan	Cain, John, 121 Lehman Ave., Bowling Green, Wood County
Ames, C. H., 43 W. Smith St., Corry, Pa.	Cameron, H. B., 816 N. Water St., Uhrichsville
Anderson & Thomas, Woodsfield	Carson, W. T., 105 Central Ave., Utica, Licking County
Arthurs, J. C., Creston, Wayne County	Clark, Thos. E., 32 E. Carpenter St., Athens
Atha Drilling Co., 707 W. Main St., Zanesville	Cline Brothers, North Walnut, Logan
Bachelor, Delhart, 418 Green St., Parkersburg, W. Va.	Clover, G. H., N. High St., Lancaster
Baker, W. A., R. F. D. 2, Homeworth, Columbiana County	Clymer, H. G., Dexter City, Noble County
Baldwin, A. W., Spencerville, Allen County	Cochran & Schumacher, Payne, Paulding County
Bell Drilling Co., Scio, Harrison County	Cody, C. A., Waterford, Washington County
Bell & Schell, Logan	Oil and gas well contracting, drilling, and producing
Bierly, C. L., La Fayette	Conley, Elmer, Box 294, Bellaire
Big Ten Oil Co., Logan	Conner, John A., Midland, Clinton County
Binegar, Harry, Archers Fork, Washington County	Cook & Leslie, Stewart, Athens County
Blauser, J. R., Vincent, Washington County	Cook, G. R., & Son, Stewart, Athens County
Botkin, O. T., and Botkin, E. L., 1012 W. High St., Lima	Cox-Shaffer Drilling Co., 100 Main St., Ashland
Bowman, J. V., and Bowman, C. P., Chesterhill, Morgan County	Crowley, W. R., and Caw, C. A., Main St., Roseville
Boyd, A. J., & Co., Spencerville, Allen County	Cushing, J. W., 307 Hill, Sistersville, W. Va.
Bryce Drilling Co., Wellsville, Columbiana County	Delphos Drilling Co., Delphos
Burch, Geo., Drilling Contractor, Bladensburg, Knox County	Dent, W. J., 938 Murdock St., Parkersburg, W. Va.
Burner Morgan Stephens Co., N. Bever St., Wooster	Dillon & McFrederick Bros., 1339 Edanola Ave., Lakewood

DRILLERS FOR PETROLEUM AND NATURAL GAS—Continued

<i>Name and address</i>	<i>Name and address</i>
Dole, K. M., & Co., Central Bank Bldg., Marietta	Hutcheson, C. E., Dexter City, Noble County
Dougherty Bros., 306 E. Smith Rd., Medina	Immel Brothers, 310½ Sixth St., Marietta
Elias, John, Venedocia, Van Wert County	Jones Drilling Co., Spencerville, Allen County
English, E. W., New Lexington	Jones, O. D., Co., Amesville, Athens County
Evans & Dieter, 1764 Market St., Youngstown	Keiser, D. L., Bradner, Wood County
Well drilling and pumps	Keller, J. J. & G. D., a Co-partnership, Corning, Perry County
Farmer, H. C., 522 N. Fourth St., Newark	Kendall Brothers, 609 S. Main St., St. Marys, Auglaize County
Fike, J. E., Minster, Auglaize County	Kennedy & Temple, 1108 Park St., Findlay
Flower, J. H., 169 Halleck St., Youngstown	Kinsey, T. S., & Sons, 365 Hudson Ave., Newark
Fox, W. R., Elmore, Ottawa County	Kissling Drilling Co., Junction City, Perry County
Franklin Drilling Co., 407 Newark Trust Bldg., Newark	Lauffer and Blair, New Matamoras, Washington County
Gage, Joe, 116 Washington St., Marietta	Ledford, C. E., Payne, Paulding County
Gerber, John G., Pandora	Lee & Moseley, Dexter City, Noble County
Grier, Fred H., Agt., Box 387, Newark	Lemunyon Brothers, 755 Hermansau St., Saginaw, Mich.
Grim, Ray O., Fort Loramie, Shelby County	Lowry Bros., Spencerville, Allen County
Groves and Lacknett, R. F. D. 5, Rockford, Mercer County	Lupher, M. S., & Company, 277 E. Long St., Columbus
Hanes Bros., 32 Homewood Ave., Newark	McCarten & Sale, Cambridge
Happy Run Oil Co., Ozark, Monroe County	McConahy, W. C., 111 Fourth St., S. E., Carrollton
Haubert Drilling Co., Millersville, Sandusky County	McCoy, D. E., Beallsville, Monroe County
Henderson Brothers, Box 200, Ft. Recovery, Mercer County	McCurdy & Nash, 253 Maple Heights, New Lexington
Hilliard, C. C., 912 N. Columbus St., Lancaster	McIntire & Guthrie, 507 Trust Bldg., Newark
Hocking Valley Drilling Co., Nelsonville	McKean, J. I., 418 Juliana, Parkersburg, W. Va.
Hoffman, L. A., Co., Lectonia, Columbiana County	McNamee, H. W., Wiseton, Pa.
Hovis, W. N., & Co., Mercer, Pa.	McVey Brothers, New Matamoras, Washington County
Hummel Drilling Co., Dowling, Wood County	Magsig, Ben, Elmore, Ottawa County
Hupp, C. D., 715 Seventh St., Marietta	

DRILLERS FOR PETROLEUM AND NATURAL GAS—Continued

<i>Name and address</i>	<i>Name and address</i>
Manion, Harry P., Fountain Hotel, St. Marys, Auglaize County	Poulton Bros., New Lexington
Mathias Bros., 716 W. Main Cross St., Findlay	Quinn & Wallace, Bowerston, Harrison County
Milton Drilling Co., 608 Baltimore St., Huntington, W. Va.	Reese, T. J., Cadiz
Miskimins, Wm., Salem, Columbiana County	Reynolds, O. C., 180 Second St., Chester, W. Va.
Mondu Oil & Gas Co., Bellaire	Robinson Drilling Co., Rudolph, Wood County
Montgomery and Green, 322 Water St., N. Baltimore, Wood County	St. Clair Drilling Co., Belpre, Washington County
Moore, C. O., R. F. D. 1, Mt. Vernon	Scholl, Blum & Larimer, R. F. D. 8, Lancaster
Moore, T. T., Scio, Harrison County	Schrier, Joe, 16 Granville St., Newark
Murphy & Perrigo, Junction City, Perry County	Scott, Warren, R. F. D. 1, Gore, Hocking County
Myers & Thomas, Summerfield, Noble County	Shankland Brothers, 308 Sixth St., Marietta
Myers & Thomas Bros., Summerfield, Noble County	Smith & Hozelett, 308 Granville St., Newark
Nau and Miller, South Olive, Noble County	Snyder, Fred, Guysville, Athens County
Neely, Calvin, Main and Race Sts., Van Wert	Sole, J. H., Bremen, Fairfield County
Neely & Cook, 141 W. Spring St., St. Marys, Auglaize County	Speary Brothers, First Natl. Bank Bldg., Marietta
Noland, Chas. W., Constitution, Washington County	Spies Farm Oil Co., 500 Putnam St., Marietta
Nuzum, C. W., Guysville, Athens County	Star Oil Co., 1542 Clark Ave., S. W., Canton
Ohio Drilling Co., 113 N. West St., Massillon	Stephens & McConnell, Harriettsville, Noble County
Osburn, F. W., & Co., 327 Grant St., Cadiz	Stephenson, W. E., 371 Central Ave., Newark
Palmer, Chas. E., Jewett, Harrison County	Stoffel, M., and Bro., Marr, Monroe County
Patterson, J. E., R. F. D. 7, Marietta	Stretton, H. B., 304 E. Sixth Ave., Lancaster
Penn Contracting Co., Pennsville, Morgan County	Sturm, Perry, Bremen, Fairfield County
Perkins, H. E., R. F. D. 1, Mt. Vernon	Sweeney and Stinn, 142 Maple Ave., Newark
Peter, Palmer, and Geisinger, Milleisburg	Swingle, W. L., R. F. D., Blue Rock, Muskingum County
Pool, Harry V., 1217 N. Columbus St., Lancaster	Templeton and Roth, Woodsfield
	Walsmith & Kinstle, 342 E. Hunter St., Logan

DRILLERS FOR PETROLEUM AND NATURAL GAS—Concluded

<i>Name and address</i>	<i>Name and address</i>
Walters, J. M., Portage	Wildermuth, Charles, Gore, Hocking County
Ward Drilling Co., Wooster	Witmore, J. H., Fostoria
Watkins & Preston, Chester, Meigs County	Wittwer Property Trustees, 1510 Park Bldg., Pittsburgh, Pa.
Weber Bros., Lewisville, Monroe County	Worrall Brothers, Dexter City, Noble County
West and Snyder, Box 166, Lancaster	Young & Stith, E. Main St., Lancaster
Westbrook Bros., Box 385, Logan	Younglove & Davis, Utica, Licking County
Wickens, Way, Dexter City, Noble County	Youngpeter Oil Co., 242 N. Main St., Delphos
Wiggins, Jones & Bedilion, 730 Bakewell Bldg., Pittsburgh, Pa.	Zink, O. W., 24 Pierce Ave., Newark

GLASS SAND

<i>Name and address</i>	<i>Location</i>
Ayers Mineral Co., Zanesville	Near Glenford, Perry County

GRINDSTONES

Cleveland District

<i>Name and address</i>	<i>Location of quarry</i>
Cleveland Stone Co., Cleveland	Berea and West View, Cuyahoga County, and South Amherst, Lorain County
Ohio Quarries Co., Cleveland	South Amherst, Lorain County
Nicholl Stone Co., Lorain	Tipton, Lorain County

Marietta District

Grindstones from the Marietta district, known as Constitution Grit or Southern Ohio Stone, are used for grinding files, saws, machine knives, dies, harvester knife sections, and highly tempered edge tools.

<i>Name and address</i>	<i>Location of quarry</i>
Cleveland Stone Co., Cleveland	Vincent, near Fleming, Tunnel, and Relief, Washington County
Constitution Stone Co., Constitution	Near Constitution and near Beverly, Washington County
Eureka Stone Co., Marietta	Moore's Junction, Washington County
Hall Grindstone Co., Marietta	Near Fleming and near Constitution, Washington County
Ohio Valley Stone Co., Marietta	Near Marietta, Washington County

GYPSUM

<i>Name and address</i>	<i>Location of plant</i>
American Cement Plaster Div., (The Beaver Products Co., Inc.), Gypsum	Gypsum, Ottawa County
American Gypsum Co., Port Clinton	Gypsum, Ottawa County
United States Gypsum Co., Chicago, Ill.	Gypsum, Ottawa County

IRON MOLDING SANDS

<i>Name and address</i>	<i>Location of plant</i>
Ayers Mineral Co., Zanesville	Zanesville; near New Lexington, Perry County; and near Layland, Coshocton County
Bixler, C. M., Conneaut	Near Conneaut, Ashtabula County
Brown, L. K., Zanesville	South of Newark
Buckeye Molding Sand Co., Overpeck	Near Overpeck, Butler County
Buckeye Sand Co., Conneaut	Near Conneaut, Ashtabula County
Cherry, Ross, Sandusky	Sandusky, Erie County
Clem, William, Milan	Milan, Erie County
Delhi Sand Bank Co., Delhi	Delhi and Cleves, Hamilton County
Donnelly Sand and Gravel Co., 1471 East 55th St., Cleveland	Forty-ninth St., south of Harvard, Cleveland
Dresden Sand Co., Dresden	Dresden, Muskingum County
Founders Sand and Supply Co., Detroit, Mich.	Near New Lexington, Perry County
Goodsite, Charles, Milan	Milan, Erie County
Greeky Donahue Sand Co., 13,220 Broadway, Bedford	Forty-ninth St., south of Harvard, Cleveland
Grimes, S. C., Cleves	Addyston, Hamilton County
Hamilton Molding Sand Co., Hamilton	Near Overpeck, St. Clair Tp., Butler County
Hercules Sand Co., Gallipolis	Bidwell and Cheshire, Gallia County
Industrial Mineral Co., (Successor to Jones Sand Co.), Columbus	Near New Lexington, Perry County
Jenkins, Archie, Milan	Milan, Erie County
Keener Sand and Clay Co., Columbus	Evergreen, Kerrs, and Cheshire, Gallia County; near Prout, Erie County
Kuhl, Harry, Huron	Huron, Erie County
Lancaster Coal and Sand Co., Lancaster	Near New Lexington, Perry County
Limbird, James, Milan	Milan, Erie County
Merkle, J. A., Sandusky	Sandusky, Erie County
Meyers, E. F., Layland	Near Layland, Coshocton County
New Lexington Sand Co., New Lexington	Near New Lexington, Perry County
Newport Sand Co., Delhi	Delhi, Hamilton County
Nugent and Rose, Columbus	Near Bremen, Fairfield County
Peerless Sand Co., Conneaut	Near Conneaut, Ashtabula County
Royal Sand and Clay Products, Massillon	Kerrs, Gallia County
Smith, Holmes, Huron	Huron, Erie County
Superior Sand Co., Cleveland	Near Gallipolis, Gallia County; and near New Lexington, Perry County
Union Sand Co., Conneaut	Near Conneaut, Ashtabula County
Zanesville Sand Co., Zanesville	Zanesville; near Rush Run, Jefferson County; and near Milan, Erie County

LIMEKILNS AND LIMESTONE CRUSHERS

<i>Name and address</i>	<i>Location of plant</i>	<i>Product</i>
Abel Magnesia Co., Cedarville	Cedarville, Greene County	Hydrated lime and crushed stone
American Hydrate Co., White Sulphur	White Sulphur, Delaware County	Hydrated lime
Bruns Hydrated Lime Co., Woodville	Woodville, Sandusky County	Hydrated lime
Evans, John, Lime and Stone Co., Marion	Marion, Marion County	Hydrated and un- hydrated lime, crushed stone, and flux
Gibsonburg Lime Products Co., Gibsonburg	Gibsonburg, Sandusky County	Hydrated and un- hydrated lime
Herzog, John, & Son., Forest	Near Forest, Hardin County	Hydrated and un- hydrated lime
Jenkins, John W., Springfield	Near Springfield	Hydrated and un- hydrated lime
Kelley Island Lime and Trans- port Co., Cleveland	Woodville, Sandusky County; Marblehead, Ottawa County; Gibsonburg, San- dusky County; Tiffin, Seneca County; Marion, Marion County	Hydrated finishing lime, hydrated lime, unhydrated lime, and crushed stone
Lucky Lime and Supply Co., Lucky	Lucky, Wood County	Hydrated finishing lime and crushed stone
Marble Cliff Quarries Co., Columbus	Near Columbus	Hydrated and un- hydrated lime, crushed stone, pulverized lime- stone, flux, and building stone
Moore's Lime Co., Springfield	Near Springfield	Hydrated and un- hydrated lime, flux, and crushed stone
National Lime and Stone Co., Findlay	Carey, Wyandot County	Hydrated finishing lime and crushed stone
National Mortar and Supply Co., Pittsburgh, Pa.	Gibsonburg, Sandusky County; and near Spring- field, Clark County	Hydrated finishing lime, unhydrated lime, and crushed stone
Ohio Hydrate and Supply Co., Woodville	Woodville, Sandusky County	Hydrated finishing lime and crushed stone
Ohio Lime and Stone Co., Pemberville	Pemberville, Wood County	Hydrated lime and crushed stone
Owens, John D., and Son Co., Owens	Rising Sun, Wood County; Owens, Marion County	Hydrated finishing lime, hydrated lime, crushed stone, and flux

LIMEKILNS AND LIMESTONE CRUSHERS—Concluded

<i>Name and address</i>	<i>Location of plant</i>	<i>Product</i>
Scioto Lime and Stone Co., White Sulphur	White Sulphur, Delaware County	Hydrated lime
United States Gypsum Co., Chicago, Ill.	Genoa, Ottawa County	Hydrated finishing lime and crushed stone.
Urschel, W. L., Lime and Stone Co., Toledo	Gibsonburg, Sandusky County	Hydrated finishing lime and crushed stone
Washington Building Lime Co., Baltimore, Md.	Woodville, Sandusky County	Hydrated finishing lime
Weot Lime and Stone, Tiffin	Tiffin, Seneca County	Unhydrated lime
Woodville Lime Products Co., Toledo	Woodville, Sandusky County	Hydrated finishing lime and crushed stone

LIMESTONE CRUSHERS

<i>Name and address</i>	<i>Location of plant</i>
American Crushed Rock Co., White Sulphur	White Sulphur, Delaware County
Auglaize Stone Co., Harrod, Allen County	Harrod, Allen County
Beam, C. C., Melvin	Melvin, Clinton County
Blosser, John, Paulding	Section 32, Auglaize Township, Paulding County
Blosser and Schultz, Paulding	Section 20, Washington Township, Paulding County
Centennial Stone Co., Centennial	Centennial, Lucas County
Centerville Limestone Co., Centerville	Centerville, Montgomery County
Ford, E. J., Delphos	Section 34, Marion Township, Allen County
France Stone Co., Toledo	Bellevue, Sandusky County; Waterville, Lucas County; southwest of Holland, Lucas County; west of Kenton; Bloomville, Seneca County; between Fostoria and Tiffin; Dunkirk, Hardin County; North Baltimore, Wood County; Middlepoint, Van Wert County; New Paris, Preble County
Gahman, George, Elida	Section 5, Sugar Creek Township, near Elida, Allen County
Gottron Brothers Co., Fremont	Fremont, Sandusky County
Hardin Quarries Co., Blanchard	Blanchard, Hardin County
Higgins Stone Co., Bellevue	Near Bellevue, Sandusky County
Hoaglan Township Trustees, Van Wert	Section 33, Hoaglan Township, Van Wert County
Karsch, John, Celina	Section 8, Jefferson Township, Mercer County
Kelley Island Lime and Transport Co., Leader-News Bldg., Cleveland	Kelleys Island
Kissner, S. C., Delaware	Delaware
Lake Shore Stone Products Co., R. R. 2, Sandusky	Southwest of Sandusky, Erie County
Janwehr, Henry, Ottawa	Section 1, Pleasant Township, Putnam County

LIMESTONE CRUSHERS—Concluded

<i>Name and address</i>	<i>Location of plant</i>
Lauer, N. J., Ottoville	Section 19, Monterey Township, Putnam County
Laura Gravel & Stone Co., Potsdam	One mile south of Phillipsburg, Montgomery County
Lime Stone Co., Lima	Lima
Limestone Quarries Co., Delphos	Near Delphos, Van Wert County
Long Stone Co., Lima	Section 28, American Township, Allen County
Loy and Creps, Westminster	Near Westminster, Allen County; and near Buckland, Auglaize County
Marion Blue Limestone Co., Marion	North of Marion
Martin, W. A., Cloverdale	Near Cloverdale, Section 27, Perry Township, Putnam County
McDowell, James, Ottawa	Section 19, Blanchard Township, Putnam County
Molder Brothers, Arlington	Section 14, Madison Township, Hancock County
Morrill, Albert H., Cincinnati	Ross County, opposite Greenfield; Melvin, Clinton County
National Lime and Stone Co., Findlay	Findlay; North Baltimore, Wood County; Arlington, Hancock County; Broken Sword, Crawford County; Lewisburg, Preble County; Lima, near Rushmore, Putnam County; Bluffton, Hancock County
Ohio Marble Co., Piqua	Piqua
Raabe Stone Co., Ft. Jennings	Section 1, Jackson Township, and Section 5, Jennings Township, Putnam County
Rockport Stone Co., R. F. D., Beaverdam	Near Rockport, Monroe Township, Allen County
Schumacher Stone Co., Pandora	Section 20, Riley Township, Putnam County
Snoufer, J. M., Co., Dublin	South of Dublin, Franklin County
Spencer Stone Co., Spencerville	Spencer Township, Allen County
Standard Lime and Stone Co., Baltimore, Md.	Woodville, Sandusky County
Suever Stone Co., Delphos	Section 13, Spencer Township, Allen County
Tarbox and McCall, Findlay	Findlay
Tressel, J. G., Ada	Section 9, Liberty Township, Hardin County
Union Quarries Co., Van Wert	Section 8, Union Township, Van Wert County
Wagner Quarries Co., Sandusky	Sandusky and vicinity, Erie County
Wallace, K. A., Vanlue	Section 2, Ridge Township, Wyandot County
Watt Stone Co., La Fayette	La Fayette, Allen County
Whitehouse Stone Co., Toledo	Whitehouse, Lucas County
Wood County Stone and Construction Co., Bowling Green	Near Bowling Green, Wood County

NATURAL GAS

Compiled from Division of Labor Statistics, Department of Industrial Relations of Ohio

<i>Name and address</i>	<i>Name and address</i>
Cassingham & Bell Bros., Partnership Gas Producers, 413 Main St., Coshocton	Logan Gas Co. - Production, 99 N. Front St., Columbus
Cushing, R. W., 329 Columbia, Leetonia, Columbiana County	Malta & McConnellsville Gas Co., 54 Boylston St., Bradford, Pa.
East Ohio Gas Co., Cleveland	Natural Gas Co. of West Virginia, 2017 Farmers Bank Bldg., Pittsburgh, Pa.
Emerald Petroleum Co., 404 Washington Trust Bldg., Washington, Pa.	Natural Fuel Co., 506 Ferguson Bldg., Pittsburgh, Pa.
Fairfield Oil & Gas Co., Coal Exchange Bldg., Huntington, W. Va.	Octo Oil Co., Cadiz, Harrison County
Griggs, E. D., Trustee, Junction City, Perry County	Ohio Fuel Gas Co., 99 N. Front St., Columbus
Harrietsville Gas Co., Lower Salem, Washington County	Smith, W. McK., et al., 22 N. Main St., Washington, Pa.
Lake Shore Gas Co., Ashtabula	Southern Ohio Gas Co., 55 E. State St., Columbus
	United Gas & Oil Co., 507 Trust Bldg., Newark
	Whitehill, M. F., 419 E. Maiden St., Washington, Pa.

OIL REFINERIES

<i>Name and address</i>	<i>Location of refinery</i>
Canfield Oil Co., Cleveland	Cleveland
Craig Oil Co., Toledo	Toledo
Leonard Oil and Gas Co., (Stellar Refinery), Washington, Pa.	Near Hanover, Licking County
National Refining Co., Findlay	Findlay and Marietta
Paragon Refining Co., Toledo	Toledo
Solar Refining Co., Lima	Lima
Standard Oil Company of Ohio, Toledo and Cleveland	Toledo and Cleveland
Sun Oil Co., Toledo	Toledo

PETROLEUM OR PETROLEUM AND NATURAL GAS

Compiled from Division of Labor Statistics, Department of Industrial Relations of Ohio

<i>Name and address</i>	<i>Name and address</i>
Aiken & Blakeslee, Macksburg, Washington County	Amber Oil Co., 16 E. Broad St., Columbus
Aiken, Blakeslee & McCormick, Macksburg, Washington County	American Oil Development Co., 1414 Oliver Bldg., Pittsburgh, Pa.
Allied Oil Co., Main St., Columbiana, Columbiana County	Amlin Oil Co., 102 N. Third St., Steubenville

PETROLEUM OR PETROLEUM AND NATURAL GAS—Continued

<i>Name and address</i>	<i>Name and address</i>
Arkansas Fuel Oil Co., Benedum-Trees Bldg., Pittsburgh, Pa.	Britton and Smith, 733 Second St., Marietta
Arlington Natural Gas Co., Box 19, Vanburen, Hancock County	Brookside Oil and Gas Co., New Knoxville
Arnold, J. F., Co., Decatur, Ind.	Brown, Walter, Heirs Oil Co., New Matamoras, Washington County
Atha Oil Co., 707 W. Main St., Zanesville	Bryson & Bradley, Findlay
Athey, Geo. D., 107 Second St., Williamstown, W. Va.	Bryson & Poole, Findlay
Barry, C. B., 138 Putnam St., Marietta	Buckeye Oil & Gas Co., Box 204, Logan
Barry, Bartlett & Co., 138 Putnam St., Marietta	Buckland Oil Co., 607 W. Pearl, Wapakoneta
Barry & Rich Oil Co., Marietta	Buckley, Jerry, Hildreth Bldg., Marietta
Base Line Oil Co., 400½ S. Main St., Findlay	Buckstone Oil Co., Logan
Bear Run Oil Co., First Natl. Bank Bldg., Marietta	Bullock-Davis & Bell, 314 Mill St., New Lexington
Beaty-Nickle Oil Co., 312 Conewango Ave., Warren, Pa.	Bumgarner & Co., 307 Market, Parkersburg, W. Va.
Beebe Oil Co., First Natl. Bank Bldg., Marietta	Burns, W. E., & Co., 514 Peoples Bank Bldg., Pittsburgh, Pa.
Beeghly Shaffer Oil Co., Monroe Bank Bldg., Woodsfield	Burns Oil Co., 514 Peoples Bank Bldg., Marietta
Bell, S. J., West Lafayette, Coshocton County	B. Y. J. Oil Co., Ohio City, Van Wert County
Bend Fork Oil Co., Woodsfield	California Corp., 720 Central Bank Bldg., Marietta
Berg Farm Oil Co., First Natl. Bank Bldg., Marietta	Cambridge Springs Oil Co., Bowerston, Harrison County
Berry-Wynn Co., Marietta	Carman-Botkin & Co., Bremen, Fairfield County
Biddle Oil & Gas Co., 201 Masonic Temple Bldg., Athens	Carnegie Oil & Gas Co. of Ohio, 111 Ramsey Ave., Carnegie, Pa.
Blair Farm Oil Co., Woodsfield	Casterline, C. L., Estate, 124 W. Front St., Findlay
Boston & Southwestern Oil & Gas Co., 82 Devonshire St., Boston, Mass.	Chartiers Oil Co., 248 Fourth Ave., Pittsburgh, Pa.
Bott Oil Co., Woodsfield	C. H. & D. Oil & Gas Co., 122 Short St., Canton
Boyd & Kuhns, Spencerville, Allen County	Chesebrough Manufacturing Co., Cons'd., 17 State St., N. Y.
Boyd Kuhns & Stelzer, Spencerville, Allen County	Chester Oil & Gas Co., Chester, Meigs County
Boyd & Stelzer, Spencerville, Allen County	Chestnut Oil Co., Trico Bldg., Sistersville, W. Va.
Braden Spear & De Puy Bros., Meigs Bldg., Marietta	Chicora Oil Co., 1719 Latrobe, Parkersburg, W. Va.

PETROLEUM OR PETROLEUM AND NATURAL GAS—Continued

<i>Name and address</i>	<i>Name and address</i>
Chidester, Murray B., 605 W. Wooster St., Bowling Green	Dillon, J. T., Estate of, Lowell, Washington County
Clark, Frank S., Agt., Andover, N. Y.	Dillon, Wickens & Wendell, Marietta
Clay Oil & Gas Co., 110 S. Main St., Washington, Pa.	Dinsmoor, J. C., Estate, Central Natl. Bank Bldg., Marietta
Cline & Vensel, Wolco, Okla.	Donaldson, F. N., Jewett, Harrison County
Cockley Oil Co., 150 E. Broad St., Columbus	Dora Oil Co., 401 Wooster St., Marietta
Coe Oil Co., Logan	Dougherty, M. C., & Co., Woodsfield
Columbia Oil & Gas Co., Bremen, Fairfield County	Drayer, G. P., New Plymouth, Vinton County
Commercial Oil & Gas Co., 226½ Main St., Ashtabula	Driver Oil Co., care B. L. Carman, Bremen, Fairfield County
Continental Oil Co., Logan	Dunbar, Frank C., 35 E. Gay St., Columbus
Cooper Oil Co., Woodsfield	East Ohio Producing & Refining Co., 1405 E. Sixth St., Cleveland
Crawford, Josiah J., 710 W. Market, Toronto	Eastern Producing & Refining Co., Citizens Bank Bldg., Parkersburg, W. Va.
Crecent Producing Co., First Natl. Bank Bldg., Marietta	Edson, E. R., & Son Co., 15515 Detroit Ave., Lakewood
Crew Levick Co., 219 N. Broad St., Philadelphia, Pa.	Elder and Griggs, Junction City, Perry County
Crockery City Oil & Gas Co., Box 345, Marietta	Elliot Bros., Steubenville
Crozier Oil Co., Corwin Bldg., Findlay	Emerald Petroleum Co., 404 Washington Trust Bldg., Washing- ton, Pa.
Cube Oil & Gas Co., Logan	Everett, Edward H., Co., 17 S. First St., Newark
Cumberland Oil Co., First Natl. Bank Bldg., Marietta	Faine, A. E., et al., New Straitsville, Perry County
Daily, R. G., & Son, Sheeran Bldg., New Lexington	Faine and Watson, New Straitsville, Perry County
Davis, D. C., 402 Peoples Bank Bldg., Marietta	Federal Oil & Gas Co., 109 N. Union St., Akron
Day Co., First Natl. Bank Bldg., Marietta	Ferguson, E., Co., Steubenville Bank and Trust Bldg., Steubenville
Day Oil Co., New Matamoras, Washington County	Findlay Petroleum Co., Box 475, Findlay
Decker & Cisler, 304 Wooster St., Marietta	Flagdale Oil & Gas Co., Bremen, Fairfield County
Dehnhoff, N. L., North Baltimore, Wood County	Fleming Farm Oil Co. (joint owners), Woodsfield
Detex Oil & Gas Co., Inc., 323 Mills Bldg., Washington, D. C.	Flint Ridge Oil & Gas Co., 58 S. Second St., Newark
D. E. V. Oil Co., Woodsfield	

PETROLEUM OR PETROLEUM AND NATURAL GAS—Continued

<i>Name and address</i>	<i>Name and address</i>
Fordyer, Charles B., & Co., Waynesburg, Pa.	Hart, C. A., 520 N. Main St., Findlay
Fowler Brothers Petroleum Co., McClure Bldg., Frankfort, Ky.	Hartman, Jos., Mann, J. H., & Leonard, M. P., 1104 Union Bank Bldg., Pittsburgh, Pa.
Fox Oil & Gas Co., Box 345, Marietta	Hasson and Jacobs, R. F. D. 3, Lima
Franchot, N. V. V., Managing Trustee, 707 Exchange Bank Bldg., Olean, N. Y.	Hemminger & Ostrander, Room 3, P. O. Bldg., Fremont
Gale, Geo. H., & Co., Newport, Washington County	Henderson Oil Co., Peoples Bank Bldg., Marietta
George, Hess, and Sons, Lowell, Washington County	H. & H. Oil Co., 122 Palmer Ave., Bowling Green
Giles, Harbison Co., 341 S. Highland Ave., Pittsburgh, Pa.	High Pressure Gas & Oil Co., Inc., New Matamoras, Washington County
Glen City Development Co., Country Club, Elmira, N. Y.	Hilliard, F. H., & Co., Woodsfield
Glenn Oil Co., First Natl. Bank Bldg., Marietta	Hollstein Oil Co., Archers Fork, Washington County
Goldstein, A., & Co. (joint owners), Woodsfield	Hoopes Oil Co., Woodsfield
Good Luck Oil & Gas Co., Box 345, Marietta	Hope Construction & Refining Co., 545 William Penn Way, Pittsburgh, Pa.
Goodwin & Green Oil Co., 221 N. Pearl St., Spencerville, Allen County	Hughes, R., & Co., Woodsfield
Gordon Oil Co., McCarty Bldg., Logan	Hulse, S. S., 14120 Detroit Ave., Lakewood, Cuya- hoga County
Greendale Oil Co., E. Main St., Logan	Hunnell, W. T., & Co., Woodsfield
Greenlamp, F. W., R. F. D. 2, Lewisville, Monroe County	Hupp Farm Oil Co., Woodsfield
Griffin Producing Co., 914 Exchange Bank Bldg., Tulsa, Okla.	Injun Run Oil Co., First Natl. Bank Bldg., Marietta
Guarantee Trust Co. of Butler, Executor of Estate of Ira S. Ziegler, 101 N. Main St., Butler, Pa.	Irish Run Oil Co., First Natl. Bank Bldg., Marietta
Haely Oil Co., 223 N. First St., Olean, N. Y.	Iron Mountain Oil Co., 917 Exchange Natl. Bank Bldg., Tulsa, Okla.
Hall Farm Oil Co., First Natl. Bank Bldg., Marietta	Irwin, Frank, Bowerston, Harrison County
Halpine, C. L., 314 W. Hardin St., Findlay	Jack, E. B., & Co., 607 W. Pearl St., Wapakoneta
Hancock Oil Co., 2 E. Fourth St., Jamestown, N. Y.	Jack, W. B., 607 W. Pearl St., Wapakoneta
Harpst Bros., 123 First St., Findlay	Jack & Woehler, 607 W. Pearl St., Wapakoneta
Harpst, C. N., 123 First St., Findlay	Jacobs, James M., R. F. D. 2, Elida, Allen County
Harris, Lester E., & Miller, I. S., 6526 Northumberland, Pittsburgh, Pa.	Jacobs and Nelson, R. F. D. 3, Lima

PETROLEUM OR PETROLEUM AND NATURAL GAS—Continued

<i>Name and address</i>	<i>Name and address</i>
James, H. H., et al., New Straitsville, Perry County	Lynch & Sellers, Spencerville, Allen County
Jefferson County Oil Co., Rayland, Jefferson County	Malta Oil & Gas Co., 574 Franklin Ave., Columbus
Jhnston, William, Oil Co., Woodsfield	Manhattan Oil Co., 150 E. Broad St., Columbus
Joy Farm Oil Co., First Natl. Bank Bldg., Marietta	Marion Oil Co., First Natl. Bank Bldg., Marietta
Jumbo Oil Co., Ashland	Martens, Al., Oil Co., 132 W. Main St., Lancaster
Junction City Oil & Gas Co., Junction City, Perry County	Massie, C. W., & Co., Lewisville, Monroe County
Kachelmacher Estate, Logan	Mays & Bushey, 228 S. Main St., North Baltimore, Wood County
Kachelmacher Estate & Stretton, N. C., Logan	Mays & Symonds, E. Broadway, North Baltimore. Wood County
Keener Oil & Gas Co., Box 1402, Tulsa, Okla.	McBride, W. C., Inc., 704 Shell Bldg., St. Louis, Mo.
Keystone Oil Co., Spencerville, Allen County	McVey Oil Co., New Matamoras, Washington County
Kinsey Oil Co., Marietta	Meister & Morgenstern, 719 Third St., Marietta
Korner, G. A., Heirs, 16 Sanford St., Bradford, Pa.	Merco Oil & Gas Co., 712 Citizens Bldg., Lima
K. M. F. Oil Co., 130 E. Sandusky St., Findlay	Meyer, Frances B., 426 Fifth St., Marietta
Lang, Wm., 1103 W. High St., Lima	Mid-East Oil Co., 707 W. Main St., Zanesville
Langmade, L. D., North Baltimore, Wood County	Midland Oil Co., Brownsville, Licking County
Lauffer, Edward J., 1974 W. 85th St., Cleveland	Mildren Oil Co., 220 Fifth St., Marietta
Laurel Run Oil & Gas Co., West Lafayette, Coshocton County	Miller, D. A., 431 W. Fayette St., Celina
Leach-Irving Oil Co., Box 487, Marietta	Mondarke Oil & Gas Co., 503 Ludlow Bldg., Dayton
Lebanon Oil Co., First Natl. Bank Bldg., Marietta	Monroe Drilling Co., Woodsfield
Lehmer Oil Co., Emma D. Lehmer, 503½ Washington St., Marietta	Montana Oil & Gas, Bremen, Fairfield County
Leonard Oil & Gas Co., 48 N. Main St., Washington, Pa.	Montgomery, John T., 510 West Sandusky St., Findlay
Longfellow & Johnston Oil Co., Woodsfield	Moore, W. E., et al., Woodsfield
Lupher Oil Co., 277 E. Long St., Columbus	Moran Oil Co., 130 E. Sandusky St., Findlay
Lupher Producing Co., 277 E. Long St., Columbus	Morgan Farm Oil Co., Woodsfield
Lynch, M. J., 1039 W. High St., Lima	

PETROLEUM OR PETROLEUM AND NATURAL GAS—Continued

<i>Name and address</i>	<i>Name and address</i>
Morrison, J. E., & Co., care D. A. Stewart, Newport, Washington County	Park Oil Co., care Ohio Bank, Findlay
Murray City Oil & Gas Co., White Arcade, Logan	Patterson, W. C., 603 Union Trust Bldg., Parkersburg, W. Va.
National Oil Co. & Preston, Bowerston, Harrison County	Pegg & Smith Farms Oil Co., 1345 Avery St., Parkersburg, W. Va.
National Petroleum Co., Second Natl. Bank Bldg., Titusville, Pa.	Pennsville Oil Co., First Natl. Bank Bldg., Marietta
Nealis Oil & Gas Co., Box 345, Marietta	Perrigo, W. G., & Co., 18 Sherman St., Bradford, Pa.
Newell Oil Co., 307 Second St., Marietta	Peters, C. S., 724 Main St., Wellsville, Columbiana County
Newlin Oil & Gas Co. of Ohio, 111 Ramsey Ave., Carnegie, Pa.	Phillips, L. A., Macksburg, Washington County
Noah, C. E., Lodi, Medina County	Plainview Oil Co., Woodsfield
Norris, Mrs. J. C., 936 Julian St., Parkersburg, W. Va.	Planet Oil Co., Columbus
Northern Oil Co., 1404 E. Ninth St., Cleveland	Pleasant Valley Oil Co., 607 W. Pearl St., Wapakoneta
North Fork Oil Co., 402 Trust Bldg., Newark	Poole, P. J., Estate, Vanburen, Hancock County
North Lima Oil Co., Elks Bldg., Fremont	Porter-Hovis Oil Co., Findlay
Ogle, G. W., Dexter City, Noble County	Preston Oil Co. Production, 99 N. Front St., Columbus
Ohio City Leases, Spencerville, Allen County	Preston & Wilson, Bowerston, Harrison County
Ohio Co., 724 Central Natl. Bank Bldg., Marietta	Price, C. F., and Patten, L. A., 118 S. Williams St., Paulding
Ohio Falls Oil, Gas and Supply Co., 1299 Hunter Ave., Columbus	Price Farm Oil Co., Box 773, Parkersburg, W. Va.
Ohio Oil Co., 537 S. Main St., Findlay	Progress Oil Co., 402 Avery St., Parkersburg, W. Va.
Ohio Oil & Gas Co., 1902 Commonwealth Bldg., Pittsburgh, Pa.	Pure Oil Co., 35 E. Wacker Drive, Chicago, Ill.
Oko Oil & Gas Co., 310 Masonic Bldg., Lima	Queen Oil Co., Eagle Bldg., Bowling Green
Olex Oil Co., Central Bank Bldg., Marietta	Quinlan, D. E., & Sons, Allegany, N. Y.
Oneida Petroleum Co., 343 Penna. Ave., W. Warren, Pa.	Raccoon Oil Co., 594 N. Market St., Logan
Onsel Bros., Rising Sun, Wood County	Ralph Brothers, Inc., Box 387, Newark
Onsel Bros., Nye & Hanrahan, Rising Sun, Wood County	Ray Oil Co., Rudolph, Wood County
Onsel-Hanrahan Oil Co., Rising Sun, Wood County	Red Fox Oil Co., First Natl. Bank Bldg., Marietta
Paine, J. H., & Co., Ozark, Monroe County	

PETROLEUM OR PETROLEUM AND NATURAL GAS—Continued

<i>Name and address</i>	<i>Name and address</i>
Red Top Oil & Gas Co., Box 204, Logan	Smith & Weideman, 1102 Court St., Saginaw, Mich.
Reger Oil Co., Box 816, Morgantown, W. Va.	Snyder, F. Marion, G. A. R. Bldg., Mt. Vernon
Renner Deibel Oil & Gas Co., 275 N. Forge St., Akron	Snyder Ogle Oil Co., Johnstown, Licking County
Reno Oil Co., Sistersville, W. Va.	Snyder Oil Co., Box 204, Logan
Reno Oil Co. & Sykes, Sistersville, W. Va.	Snyder and Russell, G. A. R. Bldg., Mt. Vernon
Reynolds & Gesellenchen, Spencerville, Allen County	South Oil Co., 311 Canal St., Spencerville, Allen County
Ridge Gas and Oil Syndicate, 301 Platt Bldg., South Bend, Ind.	Southern Oil Co., 1005 Farmers Bank Bldg., Pittsburgh, Pa.
Rock Run Oil Co., Sistersville, W. Va.	Speary, J. M., & Co., First Natl. Bank Bldg., Marietta
Rocky River Oil Co., 1522 Hanna Bldg., Cleveland	Spindler, A. C., 1002 Columbia Bank Bldg., Pittsburgh, Pa.
Rouse and Leonard, 130 Byall Ave., Bowling Green	Squier & Phillips, Box 155, Reno, Pa.
Rushcreek Oil & Gas Co., Bremen, Fairfield County	Staudt, N. T., & Albee, L. S., Woodsfield
Ruth & Strong, Parkersburg, W. Va.	Stelzer, Jacob, Spencerville, Allen County
Rutter Oil Co., Shay, Washington County	Stewart, H. E., Woodsfield
Salt Run Oil Co., 138 Putnam St., Marietta	Stewart & Co., Woodsfield
Sammis, W. H., Oil Co., S. Main St., Zelenople, Pa.	Stewart and Whitener, 32 W. Second St., Logan
Schmelzer Bros. & Thompson, Bremen, Fairfield County	Stitt, R. G., Estate of, 233 Summit St., Toledo
Schmidt, H. E., & Lee Farm Oil Co., 262 E. Town St., Columbus	Stitt, Wm. M., 1015 N. Main St., Findlay
Schramm Oil Co., 132 Putnam St., Marietta	Stitt, Poole & James, Vanburen
Scott, J. M., Oil Co., Scio, Harrison County	Stone Bridge Oil Co., Sistersville, W. Va.
Sharpnack & Lauffer, Bremen, Fairfield County	Stover, M. M., New Matamoros, Washington County
Shay-McMullin Co., Inc., 248 Fourth Ave., Pittsburgh, Pa.	Sugar Oil Co., 190 Front St., Marietta
Shenker & Sturms, Bremen, Fairfield County	Summit Oil Co., 172 Mound St., Logan
Sherman and Hayes, 102 Sherman Block, Fremont	Sunday Creek Coal Co., 44 E. Broad St., Columbus
Skipton Farm Oil Co., 720 Second St., St. Marys, W. Va.	Sutton, N. A., Oil Co., 102 N. Third St., Steubenville
Smith, Alvin M., R. F. D. 2, Washington, Pa.	

PETROLEUM OR PETROLEUM AND NATURAL GAS—Concluded

<i>Name and address</i>	<i>Name and address</i>
Swarthout, H. L., & Co., Ozark, Monroe County	Way Farm Oil Co. (joint owners), Woodsfield
Swingle Oil & Gas Co., 505 Main St., Zanesville	Wayne Oil & Gas Co., W. E. Hawk, Atty. in fact, 319 W. Lib. St., Wooster
Sylvan Oil & Gas Co., 22 Creighton Ave., Pittsburgh, Pa. (Crafton Branch)	Wayne Oil & Gas Co., Woodsfield
Tait, S. W., Jr., Montpelier, Ind.	Weimer & Ross, McConnelsville, Morgan County
Tait, W. M., 813 S. Main St., Findlay	Weinaug, William, & Sons, R. F. D. 2, Allegany, N. Y.
Taylor Oil Co., Box 19, Vanburen, Hancock County	Weirick & Nolder, 147 E. Wheeling St., Lancaster
Towa Oil Co., 302 Lima Ave., Findlay	Wellman Oil & Gas Co., 223 Fourth Ave., Pittsburgh, Pa.
Townsend Oil Co., Spencerville, Allen County	West End Oil Co., Corwin Bldg., Findlay
Trinway Oil & Gas Co., 507 Trust Bldg., Newark	Whaley Farm Oil Co., 721 Fourth St., Marietta
Trust Oil Co., Summersville, W. Va.	Whiston, Lucy, Oil Co., 315 Washington St., Marietta
Tuel, S., & Son, Sistersville, W. Va.	Whitehill, M. F., 419 E. Maiden St., Washington, Pa.
Tunnel Oil Co., Tunnel, Washington County	Wilson, John B., Jr., Rudolph, Wood County
Turkey Hen Oil Co., First Natl. Bank Bldg., Marietta	Wingett Oil and Gas Co., New Matamoras, Washington County
Turner, J. N., Wellsville, Columbiana County	Wisconsin-Ohio Oil Co., 1930 Poland Ave., Youngstown
Tuttle, H. B., 901 N. Street, Caldwell, Noble County	Wiser Oil Co., Troco Bldg., Sistersville, W. Va.
Tyler Oil Co., Sistersville, W. Va.	Wittmer Property Trustees, 1510 Park Bldg., Pittsburgh, Pa.
Underwood, C. W., Oil & Gas Co., 101 N. High St., Columbus	Woehler Oil Co., 607 W. Pearl St., Wapakoneta
Utica Gas, Oil, and Mining Co., Utica, Licking County	Wolfe, L. W., 402 S. Broadway, Spencerville, Allen County
Van Law, C. W., Chesterhill, Morgan County	Wolfe, S. L., 501 Thirteenth St., Parkersburg, W. Va.
Van Vleck & Stow Oil Co., 1228 Ohio Bldg., Toledo	Woodsfield Oil & Gas Co., Woodsfield
Vosk Oil Co., Marietta	Wussbrod, E. V., & Co., 216 N. Main St., Findlay
Waller Oil Co., 607 W. Pearl St., Wapakoneta	Young & Gesellchen, 715 W. Spring St., St. Marys, Auglaize County
Waterville Gas & Oil Co., Waterville, Lucas County	Zorn-Hornung Co., Gibsonburg, Sandusky County
Watkins Oil & Gas Co., 11 E. Washington St., Athens	

PETROLEUM AND NATURAL GAS—MISCELLANEOUS

Compiled from Division of Labor Statistics, Department of Industrial Relations of Ohio

<i>Name and address</i>	<i>Name and address</i>
American Glycerine Co., Inc., 4098 Dupont Bldg., Wilmington, Del. Torpedoing oil and gas wells	Empire Gas & Fuel Co. of Ohio, Box 390, Wooster Drilling for natural gas and oil, extraction of gasoline from natural gas, and sale of natural gas and oil
Baumgard, E. A., Rinard Mills, Monroe County Contracting	Federal Oil and Gas Co., 109 N. Union St., Akron
Billman, Jas. A., Woodsfield Rig building contractor	Fetty, R. L., Hanna, W. Va. Pumping wells
Braden, J. B., Oil Co. & De Puy Bros., Meigs Bldg., Marietta Drilling for and producing oil and gas	Fetzer, L. W., & Son, 915 W. Main Cross St., Findlay Oil well cleaning and pulling
Brink, H. S., 202 S. Eleventh St., Cambridge Building drilling rigs	Glass, W. F., and Co., S. Sixth St., Newark Buying and selling second-hand equipment and material for oil and gas wells
Buckeye Pipe Line Co., Lima Transporting crude oil	Gombert Oil and Gas Co., 231 Payne Ave., Cuyahoga Falls Operating gas well leases
Campbell, J. T., 106 N. Seventh St., Marietta Drilling and pumping oil and gas wells	Greenwood, J., et. al. Oil Co., Newport, Washington County Oil well pumper and keeping oil wells in repair
Campbell & Binegar, 106 N. Seventh St., Marietta Drilling and pumping oil and gas wells	Harris Drilling Co., Newport, Washington County Drilling and operating oil and gas wells
Clark Farm Oil Co., 729 Second St., Marietta. Pumping oil wells	Hodge Oil Co., F. H. Hodge, Trustee, Box 34, Wooster Oil and gas lease
Crain, Samuel, R. F. D. 4, Cadiz, Harrison County Contracting	Hulse, A. J., R. F. D. 1, N. Olmsted, Cuyahoga County Well drilling, pulling casing, etc
Crowley Oil Co., Main St., Roseville, Muskingum County Pumping oil wells and lease work	Illindo Oil Co., R. F. D. 1, New Weston, Darke County Drilling for and producing petroleum
Crum, L. R., R. F. D. 1, Caldwell, Noble County Pulling material from oil and gas wells	Illinois Pipe Line Co., Findlay Transportation of crude oil
Cunningham Oil & Gas Co., Woodsfield Contractors and leasers	Keiser, Arthur, 300 Third St., Findlay Oil field business
Damison, E. R., New Straitsville, Perry County Oil well teaming	
Edgar, F. E., Newport, Washington County Oil producing, driving of wells, and working leases	

PETROLEUM AND NATURAL GAS—MISCELLANEOUS—Continued

<i>Name and address</i>	<i>Name and address</i>
Kemrow Co., Wooster Oil and gas drilling contractors and producers	Northside Wildcat Oil & Gas Co., East Liverpool Drilling for oil and gas and marketing these fuels
Kennedy, Wm. C., Co., 69 Main St., Bradford, Pa.	O'Leary & Westenberger, 160 E. Allen St., Lancaster Pulling pipe from abandoned oil and gas wells
Key, Jas. B., Estate, Butler, Pa. Pumping oil wells	Panic Oil Co., 313 Fourth St., Marietta Oil lease
Kiggins, J. H., 725 Second St., Marietta Oil and gas contractor and producer	Paumier Oil Co., S. Columbus Ave., Wooster Pumping, etc., oil and gas wells
Ladd, G. A., Weston Oil pumper	Pittenger, R. W., R. F. D. 3, Carrollton Pulling casing from oil and gas wells
Laughlin Brothers & Wagner, 7150 Penn Ave., Pittsburgh, Pa. Pumping oil wells	Powell, D. U., et. al., Woodsfield Operating oil and gas wells
Marietta Torpedo Co., 138 Putnam St., Marietta Torpedoing oil and gas wells	Robinson & Ball, Stafford, Monroe County Contractors for drilling oil and gas wells
Master, N. E., Portland, Ind. Operating oil and gas lease	Shafer, David, 601 Spruce St., Wooster Pipe pulling
McKelvy, C. H., 248 Fourth Ave., Pittsburgh, Pa. Pumping wells including installation of equipment	Sparry, Walter J., Strubble Bldg., Mt. Vernon Pumping oil wells
McClelland, Harry, Box 2725, Cleveland Contracting for oil and gas wells and pumping	Standard Pipe & Supply Co., 111 N. Fourth St., Marietta Selling of oil well supplies, second- hand pipe, etc.
McKinney, C. B., and Sons, 70 Hall St., Tiffin Oil and gas well drilling and producing crude petroleum	Starbird, B. H., Trustee, Stratton Lease, Lodi, Medina County Oil lease
Metcalf, Hallowell & Schofield, Chesterhill, Morgan County Operating oil leases and drilling oil and gas wells	Starbird, B. H., Trustee, Whonsetler Lease, Lodi, Medina County
Morrell, S. D., R. F. D. 5, Medina, Medina County Oil lease	Stewart, S. S., 444 Highland Ave., Williamstown, W. Va. Drilling and pumping oil wells
Murphy, W. J., Wooster Blowing gas wells	Sylvania Producing Co., Franklin, Pa. Nearly all kinds of work for the pro- duction of oil and gas
Neely, A. W., St. Marys Oil pumping	Sykes, W. E., Oil Co., 313 Fourth St., Marietta Oil lease

PETROLEUM AND NATURAL GAS—MISCELLANEOUS—Concluded

<i>Name and address</i>	<i>Name and address</i>
Thompson Brothers (Aetna Drilling Co.), Newark Pumping and operating oil and gas lease	Ward, J. F., Elba, Washington County Oil well contractor and producer
Tide-Water Pipe Co., Limited, Bradford, Pa. Interstate transportation of crude oil	Ward, F. H., & Co., Woodsfield Drilling and producing oil and gas
Townsend Oil & Gas Co., 11 E. Washington St., Athens Operating oil wells	Weber Oil Co., Woodsfield Pumping oil wells
Trimmer, G. H., R. F. D. 2, New Straitsville, Perry County Teaming	West Virginia Pipe Line Co., 643 Liberty Ave., Pittsburgh, Pa. Pipe line operations for conveying oil
Twin Oil & Gas Co., Woodsfield Drilling, producing, and leasing	Young Torpedo Co., F. & P. Bank Bldg., Sistersville, W. Va. Shooting oil and gas wells

PORTLAND CEMENT

<i>Name and address</i>	<i>Location of plant</i>
Alpha Portland Cement Co., "Alpha" brand, Ironton	Ironton
Castalia Portland Cement Co., "Tiger" brand, Castalia	Castalia, Erie County
Columbia Portland Cement Division, Pitts- burgh Plate Glass Co., "Columbia" brand, Zanesville	East Fultonham, Muskingum County
Diamond Portland Cement Co., "Diamond" brand, Middlebranch	Middlebranch, Stark County
Sandusky Cement Co., "Medusa" brand, Cleveland	Near Sandusky, Erie County, and at Silica, Lucas County
Southwestern Portland Cement Co., "Miami" brand, Dayton	Osborn, Greene County
Standard Portland Cement Co., "Standard" brand, Fairport	Fairport, Lake County
Wabash Portland Cement Co., "Wabash" brand, Detroit, Mich.	Near Osborn, Greene County
Wellston Iron Furnace Co., "Bessemer" brand, Jackson	Near Superior, Lawrence County

PULP STONE

<i>Name and address</i>	<i>Location of quarry</i>
Empire Pulp Stone Co., Steubenville	Near Empire, Jefferson County
Smallwood Pulp Stone Co., Steubenville	Near Empire, Jefferson County
International Pulp Stone Co., Elyria	East Liverpool, Columbiana County, and Hammondsville, Jefferson County
Monarch Stone Co., Port Homer	Port Homer, Jefferson County

SALT

<i>Name and address</i>	<i>Location of plant</i>
Colonial Salt Co., Kenmore	Kenmore, Summit County
Ohio Salt Co., Rittman	Rittman, Wayne County
Union Salt Co., Cleveland	Cleveland
Wadsworth Salt Co., Wadsworth	Wadsworth, Medina County

SALT, BROMINE, AND CALCIUM CHLORIDE

<i>Name and address</i>	<i>Location of plant</i>
Brocalisa Chemical Co., Pomeroy	Pomeroy
Excelsior Salt Co., Pomeroy	Pomeroy
Pomeroy Salt Corporation, Syracuse	Syracuse, Meigs County

SAND AND GRAVEL

<i>Operator and main address</i>	<i>Location of plant</i>
Arrow Sand and Gravel Co., Columbus	Columbus
Ashtabula Lake Sand Co., Ashtabula	Lake Erie near Ashtabula
Barnes Sand and Gravel Co., Piketon	Piketon, Pike County
Bellefontaine Development Co., Bellefontaine	Bellefontaine
Black, Roy, Gehring Ave., Cleveland	Gehring and Freeman Aves., Cleveland, R. R. cut and E. Forty-ninth St., south of Harvard
Botzum Brothers, 100 N. High St., Akron	East side of Akron
Brewer and Brewer's Sons, Lancaster	Near Hooker, Fairfield County
Broadway Sand, Gravel, and Artstone Co., S. Broadway, Cleveland	Stop 5, A. B. C. Line, S. Broadway, Cleveland
Buckeye Sand & Gravel Co., Bedford	Stop 7, A. B. C. Line
Callahan Sand and Gravel Co., Cleveland	Near Earlville, Portage County
Clark County Gravel Co., Springfield	Near Springfield
Cleveland Builders Supply Co., Cleveland	Near Earlville, Portage County
Cleveland Builders Supply & Brick Co., Leader-News Bldg., Cleveland	Stop 5 A. B. C. Line, S. Broadway, Cleveland, and Suckers in Lake Erie off Pelee Island
Cleveland Excavating Co., Freeman and Gehring Aves., Cleveland	Freeman and Gehring Aves., R. R. cut, Cleveland
Cuyahoga Sand & Gravel Co., S. Broadway, Cleveland	Stop 2½ A. B. C. Line, S. Broadway, Cleveland
Dayton Gravel and Sand Corp., Dayton	Dayton
DoVille Lake Sand and Gravel Co., Toledo	Toledo (Maumee River or Bay)
East End Sand Co., Chillicothe	Chillicothe
Franklin Brothers, 49 Glenwood Ave., Akron	Near intersection of N. Howard St. and Tallmadge Ave., Akron
Greenlawn Gravel Co., Columbus	Columbus
Greenville Gravel Corp., Greenville	Ft. Jefferson, Darke County; German- town, Montgomery County; Urbana, Massillon, and Columbus
Gull Bar Sand and Gravel Co., Toledo	Toledo (Maumee River or Bay)
Hallock Sand Co., Columbus	Columbus and Chillicothe

SAND AND GRAVEL—Continued

<i>Operator and main address</i>	<i>Location of plant</i>
Hanagan Brothers, Urbana	Urbana
Home Avenue Sand and Gravel Co., 740 Home Ave., Akron	East side of Akron
Homegardner Sand Co., Sandusky	Sandusky (Lake Erie)
Home Sand and Coal Co., Fremont	Fremont, Sandusky County
Horney, R. W., R. F. D., Xenia	Just west of Xenia
House Brothers, Newark	Newark
Island Sand and Gravel Co., Columbus	Columbus
Jackson Pike Sand and Gravel Co., Columbus	Columbus
Johnson Sand and Gravel Co., Brecksville	Cuyahoga flood plain, south of Willow
Kanauga Sand and Gravel Co., Toledo	Kanauga, Gallia County
Kelley Island Lime and Transport Co., Cleveland	Sandusky and Lorain (Lake Erie)
Kent Sand and Gravel Co., Kent	Near Mogadore, Portage County
Killbuck Sand and Gravel Co., Killbuck	Killbuck, Holmes County
Klaas Brothers, Bedford	Stop 5 A. B. C. Line, S. Broadway, Cleveland
Lake Shore Sand and Gravel Co., 2157 West Third St. and Cuyahoga, Cleveland	Freeman and Gehring Aves., R. R. cut, Cleveland
Lewis and Copeland, Lima	Near Wapakoneta and Slater, Auglaize County
Lombardo Brothers, Warner Rd., near Miles Ave., Cleveland	Warner Rd., near Miles Ave., Cleveland
Lombardo Brothers, Warner Rd., near Canal Road, Cleveland	About one mile northeast of Willow
Lytle Brothers, 8103 Goodman Ave., Cleveland	Pit on S. Broadway, Cleveland
Mantua Sand and Gravel Co., Mantua	Near Mantua, Portage County
Marion Sand and Gravel Co., Marion	On Little Scioto River, west of Marion
Massillon Washed Gravel Co., Massillon	Navarre, Stark County
Minglewood Coal and Ice Co., Wooster	North of Wooster
Moraine Sand Co., Moraine City	Section 7, Van Buren Township, Mont- gomery County
Mulinix Brothers, Toledo	Toledo (Maumee River or Bay)
Muskingum River Gravel Co., Zanesville	Zanesville
Nethers, S. S., Newark	Newark
Newburg Sand and Gravel Co., 15910 Kinsman Rd., Cleveland	Stop 2 A. B. C. Line, S. Broadway, Cleveland
Ohio Building Material Co., Bedford	Stop 2½ A. B. C. Line, S. Broadway, Cleveland
Ohio Coal and Supply Co., Western Reserve Bldg., Cleveland	Pit near Mantua, Portage County
Ohio Gravel Ballast Co., Cincinnati	Anderson Township, Hamilton County
Ohio Gravel Ballast Co., Cincinnati	Section 21, Whitewater Township, Ham- ilton County
Ohio Sand and Gravel Co., Columbus	Columbus
Queen City Crushed Stone and Sand Co., Miamiville	Miamiville, Clermont County

SAND AND GRAVEL—Concluded

<i>Operator and main address</i>	<i>Location of plant</i>
Rackle, Geo., & Sons Co., Bedford	Stop 5 A. B. C. Line, S. Broadway, Cleveland
Red Bank Gravel Co., Cincinnati	Red Bank, Little Miami Valley
Rubber City Sand and Gravel Co., Hill Building, Akron	Southwest corner, Springfield Township, Summit County
Scanes and Brother, Toledo	Toledo (Maumee River or Bay)
Schmidt, Fred J., Sand & Supply Co., Cleveland	Stop 7 A. B. C. Line, S. Broadway, Cleveland
Service Sand and Gravel Co., 8905 Marshall Ave., Cleveland	Pit off Thirty-fourth and Broadway, Cleveland
Toledo Builders Supply Co., Toledo	Toledo (Maumee River or Bay)
Urbana-Greenville Gravel Co., Urbana	Urbana
Vogel, John A., Newark	Newark
Vogelmeier, George, Newark	Newark
Warren Sand and Gravel Co., Warren	Near Earlville, Portage County
Willey and Ruckstuhl Co., R. F. D. 7, Miamitown	Section 4, Colerain Township, Hamilton County
Willow Sand and Gravel Co., Brecksville Road, Independence	West wall, Cuyahoga Valley, south of Willow Crossing, Cuyahoga County
Wolfe, M. J., Newark	Newark
Wolfe, Parker, Newark	Newark
Zanesville Washed Sand and Gravel Co., Zanesville	Dresden and Ellis, Muskingum County

SANDSTONE FOR VARIOUS PURPOSES

<i>Operator and main address</i>	<i>Location of plant</i>	<i>Product</i>
Cleveland Stone Co., Cleveland	Berea and West View, Cuyahoga County; South Amherst, Lorain County; Vincent, near Fleming, Tunnel, and Relief, Washington County	Building stone, curbing, flagging, grindstones, rip rap, fire stone, stone for acid tanks, spalls for highways, and sand for furnace bottoms
Green Road Stone and Supply Co., (Green Road), Cleveland	South Euclid, Cuyahoga County	Building stone and flagging
Nicholl Stone Co., Lorain	Tipton, Lorain County	Building stone, flagging, and grindstones
Ohio Quarries Co., Cleveland	South Amherst, Lorain County, and near Birmingham, Erie County	Building stone, curbing, flagging, grindstones, rip rap, etc.
Taylor Stone Co., McDermott	McDermott, Scioto County	Building stone, burial vaults, and flagging
Waller Brothers, McDermott	McDermott, Scioto County	Building stone, burial vaults, and flagging

SODA ASH

<i>Name and address</i>	<i>Location of plant</i>
Pittsburgh Plate Glass Co., Columbia Chemical Division, Barberton	Barberton, Summit County
Diamond Alkali Co., Fairport	Fairport, Lake County

STEEL MOLDING SAND

Used also for cores, furnace bottoms, traction sand, kiln setting, etc.

<i>Name and address</i>	<i>Location of plant</i>
Ayers Mineral Co., Zanesville	Dundee, Tuscarawas County
Beach City Silica Sand Co., Beach City, Stark County	Between Dundee and Beach City
Cadot Sand Co., 511 Schultz Bldg., Columbus	Sugar Grove, Fairfield County
Columbia Silica Co., Akron	Copley, Summit County
Coxey Silica Sand Co., Massillon	Dundee, Tuscarawas County
Everhard Co., Massillon	Massillon, Stark County
Franklin Industrial Co., Massillon	Near Warwick, Wayne County
Geauga Silica Sand Co., Schofield Bldg., Cleveland	Geauga Lake, Portage County
Jackson Sand Mining Co., Jackson	Near Coalton and Jackson, Jackson County
Massillon Sand Stone Co., Massillon	Barrs Mills, Tuscarawas County
National Silica Sand Co., Niles	Near Mineral Ridge, Mahoning County
Oliver Silica Sand Co., Massillon	Near Warwick, Wayne County
Portage Silica Co., Youngstown	Near Phalanx, Portage County
Silica Products Co., 4400 Euclid Ave., Cleveland	Near Bedford, Cuyahoga County
Trumbull Stone & Sand Co., Warren	Near Leavittsburg, Trumbull County