

STATE OF INDIANA  
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DEPARTMENT OF CONSERVATION  
JOHN H. NIGH, DIRECTOR  
INDIANAPOLIS

DIVISION OF GEOLOGY  
CHARLES F. DEISS, STATE GEOLOGIST  
BLOOMINGTON

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DIRECTORY SERIES NO. 1

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DIRECTORY OF PRODUCERS OF MINERAL RAW  
MATERIALS, EXCLUSIVE OF OIL AND GAS,  
IN INDIANA

BY  
EUGENE CALLAGHAN AND JEAN ECKER

RECEIVED  
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COAL SECTION  
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PREFACE

The need for a directory of producers of mineral raw materials in Indiana was apparent from conversations with both producers and consumers. Such a directory should contain sufficient information to evaluate a particular operation from the viewpoints of either group. Effort was made to restrict the listing to actual producers rather than to manufacturers. Some firms manufacturing concrete products, for instance, have their own pits or quarries and are listed. Those purchasing raw materials and making concrete products are not listed. Owing to the lack of critical information, it has not been possible to keep the listings rigid. However, in this connection, if there is sufficient demand, an effort will be made to assemble and publish a list of firms that are primary consumers of mineral raw materials.

The mineral commodities produced in Indiana are grouped under the headings: Clay, Coal, Concrete Products, Limestone—Agricultural and Crushed, Limestone—Building Stone, Portland Cement, Rock Wool, Sand and Gravel, and Sandstone. Under Clay is included those operators quarrying or mining the varieties of clay and shale; Concrete Products includes operators that mine sand and gravel for their manufacturing plants; under Limestone—Agricultural and Crushed—is included those quarries yielding these materials; under Portland Cement is included cement producers who quarry their own limestone and shale; rock wool producers are included who quarry shale or calcareous shale for the manufacture of rock wool.

To secure the data, cards were sent to operators to be filled in and returned. The response to this approach was gratifying but incomplete. Data were also secured from or through some of the trade associations. All returns were in and assembled by the end of April 1947. During the summer of 1947, field parties of the Division of Geology visited most of the quarries producing crushed stone and agricultural lime, and required information was abstracted from the resulting reports. Information from this source is indicated by the sign (°) at the heading for each company. Information from cards turned in by operators is shown by the asterisk (\*). Data on other operations were secured from a variety of sources, including commercial directories, trade associations, and the State Highway Department.

We are very grateful to those operators who took the time and effort to supply the information requested. We wish also to express our appreciation to Mr. C. C. Lydick, of the Coal Trade Association of Indiana, Mr. R. E. Simpson, of the Indiana Mineral Aggregates Association, Mr. M. J. Morgan, of the Indiana Limestone Institute, Mr. Ernest Hunt, of the Indiana State Highway Department, and others who aided in this project.

The directory doubtless contains many errors and omissions which we hope will be called to our attention so that future directories may be more accurate and have greater coverage.

Appended at the back is a list of publications by the Division of Geology and its predecessor bureaus. A price list showing availability may be secured from the State Geologist at Bloomington, Indiana, on request.

## CLAY

## ADAMS COUNTY

**JONES, RAWLEY D.**

Berne

PRODUCT: Tile

**KRICK-TYNDALL COMPANY**

Decatur

GEN. MGR.: Dan Tyndall

GEOLOGIC FORMATION: Glacial till  
PRODUCTS: Vitrified drain tile and hollow  
building tileFIRED COLOR: Salmon red  
TEMPERATURE WORKING RANGE:

1800° F.; 70 hrs., coal

EMPLOYEES: 100-250

DAILY CAPACITY: 80 tons

## ALLEN COUNTY

**ART MOSAIC AND TILE  
COMPANY**

Fort Wayne

MGR.: Frances Koenig

PRODUCTS: Tile and terrazo

**BOLYARD TILE COMPANY,  
WALTER**

Monroeville

GEOLOGIC FORMATION: Glacial clay

PRODUCT: Farm drain tile

WEEKLY CAPACITY: 1 kiln

**KLOPFENSTEIN TILE  
COMPANY**

Grabill

GEOLOGIC FORMATION: Glacial lake clay

PRODUCT: Common brick

## BARTHOLOMEW COUNTY

**GLICK, CHARLES**

Grammer

GEOLOGIC FORMATION: Glacial till

PRODUCT: Farm drain tile

TEMPERATURE WORKING RANGE:

1700° F.; 55-60 hrs.; coal

CAPACITY: 1 kiln every 10 days

## BLACKFORD COUNTY

**INMAN TILE COMPANY**

Hartford City (Mill Grove)

SECY.: Harold Inman

PRODUCTS: Drain tile, hollow tile

TEMPERATURE WORKING RANGE:

1700° F.; coal

EMPLOYEES: Under 8

CAPACITY: 35 tons in 7 months

## BROWN COUNTY

**\*BROWN COUNTY POTTERY**

Nashville

OWNER: Walter W. Griffiths

MINE LOCATION: Near Gnow Bone, on  
south bank of Upper Salt CreekSHIPPING POINT: Helmsburg by trucks  
GEOLOGIC FORMATION: Borden forma-  
tion

EQUIPMENT: Muffle kilns

PRODUCTS: Hand-made pottery, art, table-  
ware

FIRED COLOR: Red

TEMPERATURE WORKING RANGE:

1750°-1850° F.

EMPLOYEES: 4

CLAY IMPORTED: 20%

PRODUCTION: Approximate yearly con-  
sumption—6-8 yds. of native shale, with 1  
ton imported

## CLAY COUNTY

**ARKETEX CERAMIC CORPOR-  
ATION**

Brazil

SECY.-TREAS.: Brant L. Hughes

PRODUCTS: Face brick, conduit, building tile

EMPLOYEES: 100-250

**ARMCRE CLAY COMPANY**

Carbon

PRODUCTS: Building tile and filter tile

EMPLOYEES: 25-50

**AYER-McCAREL-REAGEN CLAY  
COMPANY**

Brazil

PRES.: J. C. Hutchinson

GEOLOGIC FORMATION: Pennsylvanian  
shale and Upper Block underclayPRODUCTS: "Granitile," "Flint Tile," "Di-  
Cotta" structural salt glazed hollow tile

TEMPERATURE WORKING RANGE:

2150° F.; 3-3½ days; coal

EMPLOYEES: 25-50

DAILY CAPACITY: 125 tons

**BIG BEND COLLIERIES, INC.**

Box 293, Brazil

PRES.: Frampton Rockhill

PRODUCTS: Terra cotta clay, shale (See Coal)

EMPLOYEES: 100-250

**BRAZIL BLOCK COAL AND  
CLAY COMPANY, INC.**

125 S. Walnut Street, Brazil

PRES.: O. C. Hesselgren

VICE PRES.: Otto W. Underwood

SECY.-TREAS.: Oscar J. Jenkins

PRODUCTS: Fire clay (See Coal)

EMPLOYEES: 30

**BRAZIL CLAY COMPANY**

Brazil

SALES MGR.: J. H. Loveall

GEOLOGIC FORMATION: Underclay of  
Coal No. 1 and sandy shalePRODUCTS: Face brick, glaze tile, unglazed  
vitreous tile, smooth unglazed brick, smooth  
iron-spot brick

TEMPERATURE WORKING RANGE:

2100° F.; 7-12 days; coal

DAILY CAPACITY: Plant 1: 100,000 bricks;

Plant 2: 45,000 bricks

EMPLOYEES: 50-100

**\*CLAY CITY POTTERY**

Clay City  
 MANAGEMENT: Lloyd Griffith  
 SHIPPING POINT: Plant by trucks  
 KIND OF OPENING: Strip. Open pit  
 GEOLOGIC FORMATION: Underclay of Coal No. 3 and shale  
 THICKNESS OF DEPOSIT: 18-24 in.  
 EQUIPMENT: Dragline  
 PRODUCTS: Stone jars, flower pots, jugs, and vases  
 FIRED COLOR: White, black, blue, and bisque  
 TEMPERATURE WORKING RANGE: Cone 6; 72 hrs.; coal  
 EMPLOYEES: Under 8  
 ANNUAL CAPACITY: 12 kilns  
 PRODUCTION IN TONS:  
 1940: 300  
 1941: 300  
 1942: 300  
 1943-45: Closed during the war.  
 1946: 100

**CLAY PRODUCTS COMPANY**

(3 plants)  
 Brazil  
 GEOLOGIC FORMATION: Underclay of Upper Block coal  
 PRODUCTS: Hollow building tile, hollow interior tile, terra cotta, conduits, wall copings  
 TEMPERATURE WORKING RANGE:  
 Plant 1: 2100° F.; 72-100 hrs.; coal; Plant 2: 2100° F.; 72-100 hrs.; oil; Plant 3: 2100° F.; 73 hrs.; coal  
 DAILY CAPACITY: Plant 1: 400 tons; Plant 2: 200 tons; Plant 3: 150 tons

**\*G AND F CORPORATION**

Brazil  
 PRES.: Leo R. Girton  
 SECY.-TREAS.: C. M. Smith  
 GEN'L. SUPT.: Richard Girton  
 MINE LOCATION: T. 13 N., R. 7 W., sec. 2  
 SHIPPING POINT: Plant by trucks  
 KIND OF OPENING: Open pit  
 GEOLOGIC FORMATION: Underclay of coal  
 THICKNESS OF DEPOSIT: 60-84 in.  
 THICKNESS OF OVERBURDEN: 20-40 ft.  
 EQUIPMENT: 3-yd. dragline  
 PRODUCTION IN TONS:  
 1946: 75,000  
 REMARKS: See Coal

**HYDRAULIC PRESSED BRICK COMPANY**

Brazil  
 SUPT.: P. C. Farris  
 GEOLOGIC FORMATION: Underclay of Coal No. 1  
 PRODUCTS: "Hytex" brick, tile (glazed and unglazed)  
 TEMPERATURE WORKING RANGE: 2000° F.; 7 days; coal  
 DAILY CAPACITY: 60,000 bricks

**NATIONAL FIREPROOFING CORPORATION**

Brazil  
 GEOLOGIC FORMATION: Underclay of Upper Block coal  
 PRODUCTS: Conduit, tile, brick and clay products

TEMPERATURE WORKING RANGE: 2100° F.; 73 hrs.; coal  
 MONTHLY CAPACITY: 4,000 tons

**DAVISS COUNTY****\*KRETZ BRICK COMPANY**

Washington  
 MANAGEMENT: E. A. Kretz and John H. Kretz  
 MINE LOCATION: T. 3 N., R. 6 W., sec. 26  
 PLANT LOCATION: Washington  
 SHIPPING POINT: Plant by trucks  
 KIND OF OPENING: Open pit  
 GEOLOGIC FORMATION: Loessial clay  
 THICKNESS OF DEPOSIT: 16 ft.  
 THICKNESS OF OVERBURDEN: None  
 EQUIPMENT: Hand mining and ¾-yd. power shovel, soft and stiff mud machinery; electric power  
 PRODUCTS: Common brick drain tile, building material  
 FIRED COLOR: Buff and red  
 TEMPERATURE WORKING RANGE: 1800° F.; 3-9 days; coal  
 EMPLOYEES: 5 months—3 men; 7 months—13 men  
 DAILY CAPACITY: 10,000 bricks  
 PRODUCTION IN TONS:  
 1940: 1,300  
 1941: 2,100  
 1942: 1,200  
 1943: 1,400  
 1944: 1,700  
 1945: 1,700  
 1946: 2,500

**DEARBORN COUNTY****SUER BROTHERS**

Lawrenceburg  
 GEOLOGIC FORMATION: Alluvial clay  
 PRODUCTS: Sand mold brick  
 BURNING TIME: 13 days; coal  
 DAILY CAPACITY: 30,000 bricks

**DUBOIS COUNTY****CENTRAL BRICK COMPANY**

(2 plants)  
 Huntingburg  
 GEOLOGIC FORMATION: Underclay and shale of Minshall coal  
 PRODUCTS: Common brick, face brick, fire brick  
 TEMPERATURE WORKING RANGE: Plant 1: 1900-2100° F.; 5-6 days; producer's gas; Plant 2: coal  
 DAILY CAPACITY: 20,000 brick at each plant

**HUNTINGBURG BRICK COMPANY**

Huntingburg  
 PRES.-TREAS.: G. C. Landgrebe  
 PRODUCTS: "Huntingburg" face and common brick; buff brick a specialty  
 EMPLOYEES: 8-25

**UHL POTTERY COMPANY**

Huntingburg  
 GEOLOGIC FORMATION: Underclay of Minshall coal  
 PRODUCTS: Stoneware, redware, art ware

TEMPERATURE WORKING RANGE: 2400° F.; 65 hrs.; coal

**VOGUE POTTERY COMPANY**

Huntingburg  
 HOME OFFICE: Vogue China and Glass Company, Bronx 63, N. Y.  
 PRODUCTS: Stoneware, kitchenware, gardenware, florist vases and pots  
 EMPLOYEES: 50-100

**FAYETTE COUNTY****FRIES AND SON, A.**

Connersville  
 GEOLOGIC FORMATION: Glacial till  
 PRODUCTS: Farm drain tile  
 TEMPERATURE WORKING RANGE: 1800° F.; 60 hrs.; coal  
 ANNUAL CAPACITY: 12,000 tons

**FOUNTAIN COUNTY****\*POSTON-HERRON BRICK COMPANY**

Attica  
 GEN. MGR.: Floyd E. Poston  
 SALES MGR.: W. Irvin Poston  
 MINE AND PLANT LOCATION: T. 22 N., R. 7 W., sec. 32  
 SHIPPING POINT: Attica by Wabash RR and trucks  
 KIND OF OPENING: Open pit  
 GEOLOGIC FORMATION: Borden shale  
 THICKNESS OF DEPOSIT: 25 ft.  
 THICKNESS OF OVERBURDEN: 24-108 in.  
 EQUIPMENT: ¾-yd. electric shovel  
 PRODUCTS: Face and common building brick  
 FIRED COLOR: Red to dark brown  
 TEMPERATURE WORKING RANGE: 1760-1875° F.; 6-7 days; coal  
 EMPLOYEES: 25-50  
 DAILY CAPACITY: 40,000 brick at 2½ tons per thousand burned weight  
 PRODUCTION IN BRICKS:  
 1940: 7,420,000  
 1941: 9,832,000  
 1942: 8,422,000  
 1943: 3,566,000  
 1944: 6,577,000  
 1945: 6,720,000  
 1946: 9,425,000

**VEEDERSBURG BRICK COMPANY**

Veedersburg  
 OWNER: J. Glenn Crane  
 GEOLOGIC FORMATION: Pennsylvanian shale  
 PRODUCTS: Brick and tile  
 BURNING TIME: 7 days; coal  
 DAILY CAPACITY: 30,000 brick

**VEEDERSBURG CLAY PRODUCTS COMPANY, INC.**

Veedersburg  
 MANAGEMENT: Emery M. Pranger  
 PRODUCTS: Paving and building brick and tile  
 EMPLOYEES: 50-100

**VEEDERSBURG PAVER COMPANY**

Veedersburg  
 GEOLOGIC FORMATION: Pennsylvanian shale  
 PRODUCTS: Face brick, paving brick, hollow building tile  
 TEMPERATURE WORKING RANGE: 1800-1900° F.; 4-9 days; coal  
 DAILY CAPACITY: 250 tons

**GRANT COUNTY****SWEETSER DRAIN TILE COMPANY**

Sweetser  
 GEOLOGIC FORMATION: Glacial till  
 PRODUCTS: Farm drain tile, silo block  
 BURNING TIME: 40-72 hrs.; coal  
 DAILY CAPACITY: 60 tons

**GREENE COUNTY****\*BLOOMFIELD BRICK COMPANY**

Bloomfield  
 SECY.-TREAS.: Lowell B. Welch  
 MINE AND PLANT LOCATION: T. 7 N., R. 5 W., sec. 28  
 SHIPPING POINT: Bloomfield by Illinois Central RR and trucking within 100-mile radius  
 KIND OF OPENING: Open pit  
 GEOLOGIC FORMATION: Pennsylvanian shale  
 THICKNESS OF DEPOSIT: 30 ft.  
 THICKNESS OF OVERBURDEN: 20 ft.  
 EQUIPMENT: ¾-yd. gas shovel  
 POWER: Electric  
 PRODUCTS: Face and common brick  
 FIRED COLOR: Red  
 TEMPERATURE WORKING RANGE: 1800° F.; 8 days; coal  
 EMPLOYEES: 45  
 DAILY CAPACITY: 60,000 bricks  
 PRODUCTION IN BRICKS:  
 1940: 7,000,000  
 1941: 4,000,000  
 1942: 2,000,000  
 1943-45: Idle  
 1946: 1,700,000

**HUNTINGTON COUNTY****ART CHEMICAL PRODUCTS, INC.**

Huntington  
 PRES.: H. M. Cross  
 PRODUCTS: Modeling clay, "Klean Klay," "Flowergro," "Slid-Eze" for sticky doors and windows  
 EMPLOYEES: 25-50

**HOSDREG CHEMICALS CORPORATION**

Huntington  
 EXEC. VICE PRES.: Joseph Iten  
 PRODUCTS: Plas-time modeling clay sets  
 EMPLOYEES: 8-25

**\*MAJENICA TILE COMPANY**

Huntington  
 MANAGEMENT: Joseph Mills  
 MINE LOCATION: Lancaster township

SHIPPING POINT: Plant by trucks  
 KIND OF OPENING: Open  
 GEOLOGIC FORMATION: Glacial till  
 THICKNESS OF DEPOSIT: 48 in.  
 THICKNESS OF OVERBURDEN: None  
 EQUIPMENT: 1½-yd. clam, electric power  
 De-air  
 PRODUCTS: Farm drain tile, hollow building tile  
 FIRED COLOR: Red  
 TEMPERATURE WORKING RANGE:  
 1700° F.; 60-70 hrs.; coal  
 EMPLOYEES: 7  
 PRODUCTION IN TONS:  
 1940: 2,000  
 1941: 2,200  
 1942: 2,200  
 1943: 2,450  
 1944: 2,450  
 1945: 2,650  
 1946: 2,800

**JACKSON COUNTY**  
**CLAY PRODUCTS COMPANY**  
 Freetown  
 MANAGEMENT: John Heller and Rodman  
 Pruitt

**\*JACKSON BRICK AND HOLLOW WARE COMPANY**  
 Brownstown (Ewing)  
 PRES.: James P. Heller  
 SHIPPING POINT: Brownstown by B & O RR and trucks  
 KIND OF OPENING: Open bank  
 GEOLOGIC FORMATION: Borden shale  
 THICKNESS OF DEPOSIT: 30 ft.  
 THICKNESS OF OVERBURDEN: 24 in.  
 EQUIPMENT: Power shovel  
 PRODUCTS: "Sealtite" building tile, partition and drain tile  
 FIRED COLOR: Red  
 TEMPERATURE WORKING RANGE:  
 1750° F.; 3 days; coal  
 EMPLOYEES: 50-100  
 DAILY CAPACITY: 80 tons  
 PRODUCTION IN TONS:  
 1940: 15,000  
 1941: 18,000  
 1942: 15,000  
 1943: 3,000  
 1944-45: None  
 1946: 12,000

**MEDORA BRICK COMPANY**  
 Medora  
 GEOLOGIC FORMATION: Borden shale  
 PRODUCTS: Brick  
 TEMPERATURE WORKING RANGE:  
 1800° F.; 5½-6 days; coal  
 EMPLOYEES: 25-50  
 DAILY CAPACITY: 50,000 bricks

**JAY COUNTY**  
**MARTIN BROTHERS TILE FACTORY**  
 Dunkirk  
 GEOLOGIC FORMATION: Glacial till  
 PRODUCTS: Drain tile  
 TEMPERATURE WORKING RANGE:  
 1800-1900° F.; 5 days; coal  
 DAILY CAPACITY: 150 tons

**PORTLAND DRAIN TILE COMPANY**  
 Portland  
 GEOLOGIC FORMATION: Glacial till  
 PRODUCTS: Hollow building tile, farm drain tile  
 TEMPERATURE WORKING RANGE:  
 1600-1800° F.; 72 hrs.; coal  
 DAILY CAPACITY: 100 tons

**LAKE COUNTY**  
**NATIONAL FIREPROOFING COMPANY**  
 Pittsburgh, Pennsylvania  
 LOCATION: Hobart  
 PRODUCTS: Hollow tile  
 EMPLOYEES: Under 8

**NATIONAL HOLLOW TILE COMPANY**  
 Hobart  
 GEOLOGIC FORMATION: Glacial lake clay  
 PRODUCTS: Farm drain tile, hollow building tile

**LA PORTE COUNTY**  
**RISKE BRICK COMPANY**  
 Michigan City  
 GEOLOGIC FORMATION: Glacial lake clay  
 PRODUCTS: Common brick, hollow building tile

**MARSHALL COUNTY**  
**\*BREMEN CLAY PRODUCTS COMPANY**  
 Bremen  
 MANAGEMENT: Theodore J. Thomas  
 SHIPPING POINT: Plant by trucks  
 GEOLOGIC FORMATION: Glacial lake clay  
 EQUIPMENT: Dragline  
 PRODUCTS: Drain tile, structural clay tile, common brick  
 FIRED COLOR: Buff  
 TEMPERATURE WORKING RANGE:  
 1800-1900° F.; 72 hrs.; coal  
 EMPLOYEES: 8-25  
 WEEKLY CAPACITY: 140 tons  
 PRODUCTION: Approximately 7,000 tons each year from 1940-46.

**MARTIN COUNTY**  
**LOGOOTEER FACE BRICK COMPANY**  
 Loogootee  
 GEOLOGIC FORMATION: Pennsylvanian underclay and shale  
 PRODUCTS: Common brick, face brick, farm drain tile, hollow building tile  
 TEMPERATURE WORKING RANGE:  
 2000° F.; 4½-8 days; coal  
 DAILY CAPACITY: 25,000 bricks

**MONTGOMERY COUNTY**  
**CRAWFORDSVILLE SHALE BRICK COMPANY**  
 Crawfordsville  
 MGR.: Jerry Casey

GEOLOGIC FORMATION: Borden shale  
 PRODUCTS: Face brick  
 TEMPERATURE WORKING RANGE:  
 1800° F.; 120 hrs.; coal  
 EMPLOYEES: 25-50  
 DAILY CAPACITY: 37,000 bricks

**HYDRAULIC PRESS BRICK COMPANY**  
 Crawfordsville  
 MANAGEMENT: A. L. Comsek  
 GEOLOGIC FORMATION: Borden shale  
 PRODUCTS: Face brick  
 TEMPERATURE WORKING RANGE:  
 1800° F.; 136 hrs.; coal  
 EMPLOYEES: 100-250  
 DAILY CAPACITY: 75,000 bricks

**\*ORIENTAL BRICK CORPORATION**  
 Crawfordsville  
 PRES.: H. S. Hesler  
 MINE LOCATION: 1½ miles north of Crawfordsville  
 SHIPPING POINT: Crawfordsville by Pennsylvania RR  
 KIND OF OPENING: Open pit  
 GEOLOGIC FORMATION: Borden shale  
 THICKNESS OF DEPOSIT: 50 ft.  
 THICKNESS OF OVERBURDEN: 72 in.  
 EQUIPMENT: 1-yd. power shovel, stiff mud brick machine  
 PRODUCTS: Face brick, paving brick, common brick  
 FIRED COLOR: Red  
 TEMPERATURE WORKING RANGE:  
 1900-1950° F.; 5 days; coal  
 EMPLOYEES: 25-50  
 DAILY CAPACITY: 50,000 bricks  
 PRODUCTION IN TONS:  
 1940: 24,015  
 1941: 20,435  
 1942: 22,080  
 1943: 1,790  
 1944: Closed  
 1945: 3,570  
 1946: 17,735

**MORGAN COUNTY**  
**\*ADAMS CLAY PRODUCTS COMPANY**  
 Martinsville  
 PRES.: Fred Cunningham  
 VICE PRES.: Tuley C. Miller  
 SECY.-TREAS.: J. T. Cunningham  
 SUPT.: L. D. Davis  
 MINE AND PLANT LOCATION: T. 12 N., R. 1 E., sec. 33  
 SHIPPING POINT: Martinsville by Pennsylvania RR and trucks  
 KIND OF OPENING: Open pit  
 GEOLOGIC FORMATION: Borden shale  
 THICKNESS OF DEPOSIT: 40-80 ft.  
 THICKNESS OF OVERBURDEN: None  
 EQUIPMENT: ¾-yd. electric shovel, 1 Sullivan rock-buster, 1 30-in. roller type crusher  
 PRODUCTS: Common and face brick  
 FIRED COLOR: Red  
 TEMPERATURE WORKING RANGE:  
 1200° C.; 4-6 days; coal  
 EMPLOYEES: 50-100  
 DAILY CAPACITY: 60,000 bricks  
 CLAY IMPORTED: 75 tons per day shipped from Brooklyn

**PRODUCTION IN BRICKS:**  
 1940: 8,700,000  
 1941: 11,711,000  
 1942-44: None  
 1945: 5,806,000  
 1946: 16,123,000

**\*BROOKLYN BRICK COMPANY**  
 Brooklyn  
 PRES.: T. Z. Shelley  
 SECY.-TREAS.: Oliver D. Webb  
 SUPT.: Gerald Young  
 MINE AND PLANT LOCATION: T. 13 N., R. 1 E., secs. 25-6  
 SHIPPING POINT: Brooklyn by Pennsylvania RR and trucks  
 KIND OF OPENING: Strip  
 GEOLOGIC FORMATION: Borden shale  
 THICKNESS OF DEPOSIT: 120 ft.  
 THICKNESS OF OVERBURDEN: None  
 EQUIPMENT: Planer  
 PRODUCTS: Face and common shale brick  
 FIRED COLOR: Reds, all shades browns, tans, greens, dark blues, grays  
 BURNING TIME: 4-5 days; coal  
 EMPLOYEES: 50-100  
 DAILY CAPACITY: 75,000 bricks  
 PRODUCTION IN BRICKS:  
 1940: 17,000,000  
 1941: 16,440,000  
 1942: 17,710,000  
 1943: 6,054,000  
 1944: 12,123,500  
 1945: 13,074,600  
 1946: 18,995,000

**\*INDIANA DRAIN TILE COMPANY, INC.**  
 Brooklyn  
 PRES.: O. E. Powell  
 VICE PRES.: L. J. Powell  
 SECY.-TREAS.: H. C. Zenor  
 MINE LOCATION: T. 13 N., R. 1 E., sec. 36  
 PLANT LOCATION: T. 13 N., R. 1 E., sec. 25  
 SHIPPING POINT: Plant by trucks  
 KIND OF OPENING: Open pit  
 GEOLOGIC FORMATION: Borden shale  
 THICKNESS OF DEPOSIT: 20-80 ft.  
 THICKNESS OF OVERBURDEN: 0-20 ft.  
 EQUIPMENT: Shale planer, ½-yd. power shovel, clayworking machinery  
 PRODUCTS: Farm drain tile, structural building tile, face tile  
 FIRED COLOR: Light red  
 TEMPERATURE WORKING RANGE:  
 1750-1900°; 8 hrs.; coal  
 EMPLOYEES: 25-50  
 DAILY CAPACITY: 100 tons  
 PRODUCTION IN TONS:  
 1940: 14,745  
 1941: 16,249  
 1942: 14,633  
 1943: 11,418  
 1944: 12,590  
 1945: 12,643  
 1946: 12,988

**MARTINSVILLE BRICK COMPANY**  
 Martinsville  
 MANAGEMENT: E. I. Poston  
 GEOLOGIC FORMATION: Borden shale  
 PRODUCTS: Brick  
 BURNING TIME: 4-6 days; coal  
 DAILY CAPACITY: 75,000 bricks

## NOBLE COUNTY

**\*ALBION TILE FACTORY**

Albion  
OWNER AND MGR.: Fred Landgraaf  
MINE LOCATION: T. 34 N., R. 9 E., sec. 24  
SHIPPING POINT: Albion by B. & O. RR  
and trucks

KIND OF OPENING: Surface  
GEOLOGIC FORMATION: Glacial till  
THICKNESS OF DEPOSIT: 48-72 in.  
THICKNESS OF OVERBURDEN: 24-96 in.  
PRODUCTS: Drain tile  
FIRED COLOR: Red  
TEMPERATURE WORKING RANGE:  
1400-1500° F.; 5 days; coal  
EMPLOYEES: 4-6  
PRODUCTION IN TONS:

1940: 295  
1941: 275  
1942: 275  
1943: 275  
1944: 275  
1945: 330  
1946: 330

## PARKE COUNTY

**CLAY CITY PIPE COMPANY,  
THE**

Mecca  
RES. MGR.: Hal D. Cummings  
PRODUCTS: Sewer pipe, vitrified clay  
products  
EMPLOYEES: 50-100

**DEE CLAY PRODUCTS**

Bloomington  
SUPT.: Herbert M. Miller  
PRODUCTS: Fire clay, flue linings, farm drain  
tile  
EMPLOYEES: 8-25

**DEE COMPANY, WM. E.**

(2 plants)  
Mecca  
GEOLOGIC FORMATION: Underclay of  
Coal no. 3; shale of Coal no. 3a  
PRODUCTS: Farm drain tile, sewer pipe, flue  
lining, wall coping  
TEMPERATURE WORKING RANGE:  
2300° F.; time varies with ware; coal  
ANNUAL CAPACITY: 2,145 carloads (both  
plants)  
REMARKS: See Vermillion County

**INDIANA SEWER PIPE  
COMPANY**

Mecca  
GEOLOGIC FORMATION: Underclay of  
Coal no. 3a; shale of Coal no. 3  
PRODUCTS: Sewer pipe, flue lining, wall  
coping  
TEMPERATURE WORKING RANGE:  
1850-1920° F.; 6 days; coal  
DAILY CAPACITY: 90 tons

## PERRY COUNTY

**CANNELTON SEWER PIPE  
COMPANY**

Cannelton  
PRES.: E. F. Clemens

GEOLOGIC FORMATION: Underclay and  
shale of Coal no. 1  
PRODUCTS: Sewer pipe, flue lining, and other  
clay products  
TEMPERATURE WORKING RANGE:  
2200° F.; 3-8 days; coal  
EMPLOYEES: 100-250  
ANNUAL CAPACITY: 3,000 carloads

**CLARK BROTHERS POTTERY**

Tell City  
GEOLOGIC FORMATION: Alluvial clay  
PRODUCTS: Face and common brick  
TEMPERATURE WORKING RANGE:  
Cone 8; 60 hrs.; coal  
DAILY CAPACITY: 40,000 bricks

**U. S. BRICK COMPANY**

Tell City  
SECY.-TREAS.: W. Eckley  
GEOLOGIC FORMATION: Alluvial clay  
PRODUCTS: Face and common brick, face  
tile, farm drain tile  
TEMPERATURE WORKING RANGE:  
1900° F.; 111 hrs.; coal  
DAILY CAPACITY: 40,000 bricks  
EMPLOYEES: 8-25

## PULASKI COUNTY

**\*FRANCESVILLE DRAIN TILE  
COMPANY**

Francesville  
PARTNERS: E. C. Overmyer, H. L. Over-  
myer, R. C. Overmyer, J. W. Overmyer,  
and M. A. Overmyer  
MINE AND PLANT LOCATION: T. 29 N.,  
R. 4 W., sec. 4  
SHIPPING POINT: Francesville by Monon  
RR and trucks  
KIND OF OPENING: Open pit  
GEOLOGIC FORMATION: Glacial lake clay  
THICKNESS OF DEPOSIT: 48-72 in.  
THICKNESS OF OVERBURDEN: 6 in.  
EQUIPMENT: ½-yd. power dragline, electric  
power tile and block machinery  
PRODUCTS: Drain tile, hollow building tile  
FIRED COLOR: Light red  
TEMPERATURE WORKING RANGE:  
1900° F.; 73 hrs.; coal  
EMPLOYEES: Under 8  
WEEKLY CAPACITY: 1 kiln  
PRODUCTION IN TONS:  
1940: 1,800  
1941: 1,800  
1942-45: None  
1946: 1,500 (6 months)

**MEDARYVILLE TILE COMPANY**

Medaryville  
PROP.: Glen A. Howe  
GEOLOGIC FORMATION: Glacial lake clay  
PRODUCTS: Brick, tile  
TEMPERATURE WORKING RANGE:  
1900° F.; 73 hrs.; coal  
EMPLOYEES: Under 8  
WEEKLY CAPACITY: 1 kiln

## PUTNAM COUNTY

**\*INDIANA STATE FARM**

Putnamville  
GEN. SUPT.: Albert E. Virgil  
MINE LOCATION: T. 13 N., R. 4 W., sec.  
18

## TIPPECANOE COUNTY

**\*ROSTONE CORPORATION**

Earle Ave., Lafayette  
PRES.: Paul W. Jones  
TREAS.: Floyd P. Wymer  
SECY.: Maurice G. Knoy  
MINE LOCATION: T. 22 N., R. 6 W., sec.  
19  
SHIPPING POINT: Plant by trucks  
KIND OF OPENING: Open pit  
GEOLOGIC FORMATION: Borden shale  
THICKNESS OF DEPOSIT: 500 ft.  
THICKNESS OF OVERBURDEN: 10 ft.  
EQUIPMENT: Hand operations, ball mill  
PRODUCTS: Shale, synthetic building stone,  
electric insulating materials  
EMPLOYEES: 3 at quarry  
ANNUAL CAPACITY: Shale 200 tons  
REMARKS: No firing. Operations strictly for  
corporation's own use.

## VANDERBURG COUNTY

**\*STANDARD BRICK AND TILE  
CORPORATION**

Evansville  
PRES.: Ralph Kleymeyer  
Plant No. 1  
MINE AND PLANT LOCATION: T. 6 S.,  
R. 11 W., secs. 22-23  
SHIPPING POINT: Evansville by L. & N.  
RR  
KIND OF OPENING: Open pit  
GEOLOGIC FORMATION: Pennsylvanian  
shale  
THICKNESS OF DEPOSIT: Clay, 10 ft.,  
shale, 50 ft.  
THICKNESS OF OVERBURDEN: 15 ft.  
EQUIPMENT: Shale planer, stiff mud plant  
equipment  
PRODUCTS: "Red Range" brick, building  
tile, and drain tile  
FIRED COLOR: Red Range  
TEMPERATURE WORKING RANGE:  
1900° F.; 5 days; coal and gas  
EMPLOYEES: 50-100  
DAILY CAPACITY: 60,000 brick  
PRODUCTION IN TONS:  
1940: 15,469  
1941: 15,834  
1942: 19,188  
1943: 5,156  
1944: 1,182  
1945: 4,056  
1946: 15,861

Plant No. 4

MINE AND PLANT LOCATION: T. 7 S.,  
R. 10 W., sec. 4  
SHIPPING POINT: Evansville by Illinois  
Central RR  
KIND OF OPENING: Open pit  
THICKNESS OF DEPOSIT: Clay 10 ft.,  
shale 50 ft.  
THICKNESS OF OVERBURDEN: None  
EQUIPMENT: Power shovel, stiff mud plant  
equipment  
PRODUCTS: "Red Range" brick, building tile,  
and drain tile  
FIRED COLOR: Red Range  
TEMPERATURE WORKING RANGE:  
1900° F.; 5½-6 days; coal  
EMPLOYEES: 50-100  
DAILY CAPACITY: 30,000 brick

PLANT LOCATION: T. 13 N., R. 4 W., sec.  
17  
SHIPPING POINT: Plant by trucks  
KIND OF OPENING: Open pit  
GEOLOGIC FORMATION: Pennsylvanian  
underclay and shale; Chester shale  
THICKNESS OF DEPOSIT: 20 ft.  
THICKNESS OF OVERBURDEN: 25 ft.  
EQUIPMENT: Hand mining  
PRODUCTS: Farm drain tile, common brick,  
hollow building tile, partition tile, floor tile  
FIRED COLOR: Red  
TEMPERATURE WORKING RANGE:  
2000° F.; 4-5 days; coal  
EMPLOYEES: 125 inmates; 6 officers  
ANNUAL CAPACITY: 9,360,000 brick and  
908,000 tile  
REMARKS: Industry resumed after war Jan-  
uary 1, 1947.

## RIPLEY COUNTY

**WESSELL, HERMAN H.**

Batesville  
GEOLOGIC FORMATION: Glacial till  
PRODUCTS: Common brick, farm drain tile,  
hollow building tile  
TEMPERATURE WORKING RANGE:  
1800° F.; 48-98 hrs.; coal  
ANNUAL CAPACITY: 100,000 brick; 30,000  
farm drain tile; 40,000 hollow building tile

## SCOTT COUNTY

**WYMAN BRICK AND TILE  
COMPANY, W. A.**

Scottsburg  
GEOLOGIC FORMATION: Glacial till  
PRODUCTS: Common brick, face brick, hol-  
low building tile  
ANNUAL CAPACITY: 32,000 brick; 153,000  
tile

## SPENCER COUNTY

**\*ROCKPORT BRICK AND TILE  
COMPANY, INC.**

Rockport  
PRES. AND MGR.: Wm. N. Richard  
SHIPPING POINT: Plant by trucks  
KIND OF OPENING: Surface clay  
GEOLOGIC FORMATION: Alluvial clay  
THICKNESS OF DEPOSIT: 72 in.  
THICKNESS OF OVERBURDEN: None  
EQUIPMENT: Spades and shovels, stiff mud  
—radiated heat dryer  
PRODUCTS: Farm drain tile, structural tile  
TEMPERATURE WORKING RANGE:  
1700° F.; 80 hrs.; coal  
EMPLOYEES: 15  
PRODUCTION IN TONS:  
1940: 2,000  
1941: 1,500  
1942-44: None  
1945: 500  
1946: 3,500

**ROCKPORT SANITARY  
POTTERY, INC.**

Rockport  
PRES.: Eldon Jacobs  
PRODUCTS: Sanitary ware  
EMPLOYEES: 8-25

## PRODUCTION IN TONS:

1940: 14,025  
 1941: 14,228  
 1942: 13,768  
 1943-44: None  
 1945: 3,281  
 1946: 20,386

**PEERLESS POTTERY, INC.**  
Evansville

PRES.: H. F. Weaver  
 PRODUCTS: Vitreous sanitary china  
 EMPLOYEES: 25-50

## VERMILLION COUNTY

**\*BURNS AND HANCOCK FIRE BRICK COMPANY**  
Montezuma

PRES.: T. I. Foster  
 VICE PRES.: J. A. Pickel  
 SECY.-TREAS.: J. H. Burns  
 MINE AND PLANT LOCATION: T. 16 N., R. 9 W., sec. 26  
 SHIPPING POINT: Montezuma by C. & E. I. RR and trucks  
 KIND OF OPENING: Slope underground  
 GEOLOGIC FORMATION: Underclay of Coal no. 3  
 THICKNESS OF DEPOSIT: 84 in.  
 THICKNESS OF OVERBURDEN: 20-40 ft.  
 PRODUCTS: Brick, "B & H" and "Regal" brands, wire cut, and shapes  
 FIRED COLOR: Dark tan  
 TEMPERATURE WORKING RANGE: 2250° F.; 7 days; coal  
 EMPLOYEES: 16 mine, 30 factory  
 DAILY CAPACITY: 90 tons

## PRODUCTION IN TONS:

1940: 21,678  
 1941: 34,322  
 1942: 12,398  
 1943: 12,952  
 1944: 8,404  
 1945: 12,585  
 1946: 15,824

**\*CAYUGA BRICK AND TILE COMPANY, INC.**  
Cayuga

PRES.: Herbert M. Miller  
 VICE PRES.: Wm. T. Dee  
 SECY.-TREAS.: Hubert A. Nichols  
 MINE LOCATION: T. 17 N., R. 9 W., sec. 7  
 SHIPPING POINT: Cayuga by Nickel Plate and C. & E. I. RRs and trucks  
 KIND OF OPENING: Open pit  
 GEOLOGIC FORMATION: Clay of Coal no. 3  
 THICKNESS OF DEPOSIT: 10 ft.  
 THICKNESS OF OVERBURDEN: 60 in.  
 EQUIPMENT: ¼-yd. dragline, Bonnot machine  
 PRODUCTS: Drain tile  
 FIRED COLOR: Buff  
 TEMPERATURE WORKING RANGE: 2000° F.; 3 days; coal  
 EMPLOYEES: 25-50  
 DAILY CAPACITY: 30,000 brick  
 PRODUCTION: Started operation in November 1946 at 60 tons drain tile per month—120 tons for the year.

**\*GREAT LAKES FOUNDRY SAND COMPANY**

Detroit, Michigan  
 P. O.: R. F. D. No. 1, Hillsdale  
 SUPT.: F. Herrick  
 MINE LOCATION: T. 15 N., R. 9 W., sec. 3  
 SHIPPING POINT: Hillsdale by B. & O. RR  
 KIND OF OPENING: Drift mine deposit  
 THICKNESS OF DEPOSIT: 96 in.  
 EQUIPMENT: Dry pan screens, crushers  
 PRODUCTS: Refracto fire clay  
 EMPLOYEES: 10-24  
 HOURLY CAPACITY: 12 tons

**DEE COMPANY, WM. E.**

Cayuga Branch  
 GEOLOGIC FORMATION: Shale and underclay of Coal no. 3  
 PRODUCTS: Floor tile, face brick  
 TEMPERATURE WORKING RANGE: 1900° F.; 10-12 days; coal  
 DAILY CAPACITY: 30,000 brick  
 REMARKS: See also Parke County  
 Newport Branch  
 GEOLOGIC FORMATION: Shale of Coal no. 2  
 PRODUCTS: Sewer pipe, drain tile, wall coping  
 TEMPERATURE WORKING RANGE: 2000° F.; 72 hrs.; coal  
 DAILY CAPACITY: 50 tons  
 REMARKS: See also Parke County

## VIGO COUNTY

**TERRE HAUTE VITRIFIED BRICK WORKS, INC.**

Box 455, Terre Haute  
 PRES.: Carl W. Price  
 GEOLOGIC FORMATION: Shale between Coal nos. 5 and 6  
 PRODUCTS: Face and common brick  
 TEMPERATURE WORKING RANGE: 1850° F.; 5-6 days; coal  
 DAILY CAPACITY: 55,000 brick  
 EMPLOYEES: 50-100

**VIGO-AMERICAN CLAY COMPANY**

W. Terre Haute  
 American Plant  
 GEOLOGIC FORMATION: Shale of Coal no. 6  
 PRODUCTS: Common brick, hollow wall tile  
 TEMPERATURE WORKING RANGE: 1950° F.; 48 hrs.; gas  
 DAILY CAPACITY: 250 tons  
 Vigo Plant  
 GEOLOGIC FORMATION: Shale of Coal no. 6  
 PRODUCTS: Hollow building tile, hollow brick  
 TEMPERATURE WORKING RANGE: 1800° F.; 60-100 hrs.; coal  
 DAILY CAPACITY: 150 tons

## WARRICK COUNTY

**BOONVILLE CLAY PRODUCTS, INC.**

Boonville  
 PRODUCTS: Brick

## WELLS COUNTY

**BYRD BROTHERS**

Toecin  
 GEOLOGIC FORMATION: Glacial till  
 PRODUCTS: Farm drain tile, common brick  
 CAPACITY: Seasonal, 7-8 kilns annually

**CRAIGVILLE CLAY PRODUCTS COMPANY**

Craigville  
 GEOLOGIC FORMATION: Glacial till  
 PRODUCTS: Farm drain tile

TEMPERATURE WORKING RANGE: 1700° F.; 72 hrs.; coal  
 CAPACITY: Seasonal, 2 kilns per month

**FRAZIER DRAIN TILE COMPANY**

Bluffton  
 GEOLOGIC FORMATION: Glacial till  
 PRODUCTS: Farm drain tile, hollow building tile  
 TEMPERATURE WORKING RANGE: 1800-2000° F.; 4½ days; coal  
 MONTHLY CAPACITY: 1,000 tons



## COAL

## CLAY COUNTY

**\*AYRSHIRE COLLIERIES CORPORATION**

105 S. Meridian, Indianapolis  
 PRES.: R. P. Koenig  
 VICE PRES.: J. B. F. Melville  
 SECY.: W. P. McCool  
 TREAS.: H. E. Lohmann

## Chinook Mine

P. O.: Brazil  
 MINE AND TIPPLE LOCATION: T. 19 N., R. 7 W., sec. 22  
 SHIPPING POINT: Brazil by Pennsylvania RR.  
 KIND OF OPENING: Strip  
 SEAM: No. 3  
 AVERAGE THICKNESS: 65 in.  
 EQUIPMENT: 5 Marion electric power shovels; 2 No. 5480, and 1 each of No. 490, No. 450, No. 37, 2 Bucyrus diesel draglines; 1 3 W and 1 5 W, 1 Marion 40 A diesel dragline

POWER: Purchased  
 EMPLOYEES: 140  
 DAILY CAPACITY: 2,750 tons  
 SHIFTS PER DAY: 3

PRODUCTION IN TONS:  
 1940: 141,187—Brazil Block  
 1941: 43,259—Brazil Block  
 512,419—Washed No. 3  
 1942: 633,197—Washed No. 3  
 1943: 595,760—Washed No. 3  
 1944: 737,251—Washed No. 3  
 1945: 648,897—Washed No. 3  
 1946: 638,894—Washed No. 3

**BIG BEND COLLIERIES, INC.**

Box 293, Brazil  
 PRES.: Frampton Rockhill  
 VICE PRES.: Milton Goodman  
 SECY.: Thomas W. Munger  
 TREAS.: Eugene E. Munger

## Big Bend Mine

P. O.: Brazil  
 LOCATION: T. 9 N., R. 6 W., secs. 16 and 20  
 SHIPPING POINT: Center Point by Pennsylvania RR.  
 KIND OF OPENING: Strip  
 SEAM: Block  
 AVERAGE THICKNESS: 32 in.  
 EQUIPMENT: 2 Bucyrus-Erie power shovels; 1 2½-yd. and 1 1¼-yd., 2 Bucyrus Monighan 10-yd. draglines

POWER: Purchased

EMPLOYEES: 100

DAILY CAPACITY: 1,200 tons

TIPPLE CAPACITY: 200 tons per hr.

PRODUCTS: Many sizes, screenings, carbon

PRODUCTION IN TONS:

1940: 162,345<sup>1</sup>  
 1941: 267,830  
 1942: 206,189  
 1943: 246,329  
 1944: 297,418  
 1945: 252,018

<sup>1</sup>Includes production of Rockhill Coal and Clay Company.

REMARKS: Formerly Big Bend Coal and Clay Company. Present operator began in 1939.

**BIRCH CREEK COAL COMPANY, INC.**

Brazil Trust Building, Brazil  
 PRES.: Fred Cunningham  
 GEN. MGR.: J. T. Cunningham  
 GEN. SUPT.: C. P. Lyeon

## Knightsville Mine

LOCATION: T. 12 N., R. 6 W., sec. 8  
 SHIPPING POINT: Knightsville by Pennsylvania RR.

KIND OF OPENING: Strip

SEAM: Block

EMPLOYEES: 25-50

DAILY CAPACITY: 800 tons

PRODUCTS: Mine run

## Turner Mine

LOCATION: T. 12 N., R. 7 W., sec. 10  
 SHIPPING POINT: Hadleytown Branch by Pennsylvania RR.

KIND OF OPENING: Strip

SEAM: No. 3

DAILY CAPACITY: 300 tons

**BLACK CAT COAL COMPANY**

R. F. D. 2, Clay City

## Black Cat Mine

LOCATION: Harrison township  
 SHIPPING POINT: Clay City by New York Central RR.

KIND OF OPENING: Shaft

SEAM: No. 3

DAILY CAPACITY: Under 50 tons

**BLACK DIAMOND MINING COMPANY**

Box 142, Boonville

MANAGEMENT: H. M. McClary and Charles Fillman

## All Star Mine

LOCATION: T. 9 N., R. 7 W., sec. 33  
 SHIPPING POINT: Latta-Midland by C. M. St. P. & P. and C. I. & L. RRs.  
 KIND OF OPENING: Shaft  
 SEAM: No. 3

**BRADWAY COAL COMPANY**

Brazil

MANAGEMENT: Karl Way  
 EMPLOYEES: 8-25

**BRAZIL BLOCK COAL AND CLAY COMPANY, INC.**

125 S. Walnut St., Brazil

PRES.: O. C. Hesselgren  
 VICE PRES.: O. W. Underwood  
 SECY.-TREAS.: O. J. Jenkins

## Brazil Block Mine

LOCATION: T. 13 N., R. 6 W., secs. 4 and 5  
 TIPPLE: T. 13 N., R. 6 W., sec. 5  
 SHIPPING POINT: Carbon by New York Central RR.

KIND OF OPENING: Strip

SEAM: Block

EQUIPMENT: 2 Marion 1¼-yd. power shovels, 2 Marion 3-yd. draglines

EMPLOYEES: 30

DAILY CAPACITY: 300 tons

TIPPLE CAPACITY: 50 tons per hr.

PRODUCTS: Mine run; various sizes

PRODUCTION IN TONS:

1940: 35,548

1941: 63,000

1942: 75,266

1943: 70,399

1944: 61,696

**BRAZIL MINSHALL COAL COMPANY**

Brazil

MANAGEMENT: Clarence J. Davis

Products: Mine run

**BRIDGEWATERS, ROY**

Centerpoint

MANAGEMENT: Roy Bridgewaters

**BROWN COAL COMPANY**

Coalmont

## Brown Mine

LOCATION: T. 9 N., R. 7 W., sec. 29

KIND OF OPENING: Slope

SEAM: No. 5

**G. AND F. CORPORATION**

Hawkins Building, Brazil

MANAGEMENT: Leo Girton and C. M. Smith

## Stearley Mine

LOCATION: Jackson township

SHIPPING POINT: Brazil by Pennsylvania RR.

KIND OF OPENING: Strip

SEAM: Block

EMPLOYEES: 100-250

DAILY CAPACITY: 500 tons

PRODUCTS: Mine run

## Hickory Mine

SHIPPING POINT: Brazil by Pennsylvania RR.

KIND OF OPENING: Strip

SEAM: Block

**GORDON COAL CORPORATION**

Jasonville

PRES.: Joe Fougerousse

VICE PRES.: Oscar Shields

SECY.-TREAS.: J. W. Edmonson

## Gordon Mine

LOCATION: T. 8 N., R. 7 W., sec. 34

TIPPLE: T. 8 N., R. 7 W., sec. 2

SHIPPING POINT: Jasonville by C. M. St. P. & P. RR.

KIND OF OPENING: Slope

SEAM: No. 4

EQUIPMENT: 1 cutting machine

POWER: Generate own

EMPLOYEES: 15

DAILY CAPACITY: 70 tons

PRODUCTS: Mine run, screenings

PRODUCTION IN TONS:

1940: 9,760

1941: 15,791

1942: 20,326

1943: 12,035

1944: 14,954

REMARKS: Formerly Gordon Coal Company.

Present operator began in March 1943.

**GREEN AND PARR**

730 N. Harrison, Brazil

## Galloway Mine

LOCATION: Jackson township  
 KIND OF OPENING: Drift  
 SEAM: Block  
 DAILY CAPACITY: Under 50 tons

**HAYWOOD, HOBERT**

Lyons

## Haywood Rib Mine

LOCATION: Harrison township  
 KIND OF OPENING: Strip  
 SEAM: Block  
 DAILY CAPACITY: 5 tons

**JONES, FRANK AND COMPANY**

R. F. D. 2, Brazil

## Jones Mine

LOCATION: Posey township  
 KIND OF OPENING: Strip  
 SEAM: No. 3

**LOG CABIN COAL COMPANY**

Centerpoint

## Log Cabin Mine

LOCATION: Sugar Ridge township  
 KIND OF OPENING: Strip  
 SEAM: Block

**\*LONE STAR COAL COMPANY, INC.**

Hawkins Building, Brazil

PRES.: Leo Girton

VICE PRES.: Richard Girton

SECY.-TREAS.: C. M. Smith

## Lone Star Mine

LOCATION: T. 12 N., R. 7 W., secs. 10 and 15

TIPPLE: T. 12 N., R. 7 W., sec. 16

SHIPPING POINT: Staunton by Pennsylvania RR.

KIND OF OPENING: Strip

SEAM: No. 3

AVERAGE THICKNESS: 72 in.

EQUIPMENT: 1 Marion 1½-yd. power shovel,

1 Marion 3-yd. dragline

EMPLOYEES: 27

DAILY CAPACITY: 643 tons

TIPPLE CAPACITY: 125 tons per hr.

SHIFTS PER DAY: 1 shift 5 days per week at tipple; 3 shifts 6 days per week uncovering overburden

PRODUCTS: Mine run

PRODUCTION IN TONS:

1940: 75,624

1941: 99,497

1942: 118,112

1943: 146,706

1944: 101,522

1945: 103,700

1946: 92,211

REMARKS: No wet washing.

**\*MARIAH HILL SUPER BLOCK COAL COMPANY**

Willoughby Tower, Chicago, Ill.

PRES.: H. D. Wright

VICE PRES.: G. J. Leahy

VICE PRES.: P. L. Donie

SECY.: O. C. Wulfman

TREAS.: Gordon Smith

**Commodore Mine**

LOCATION OF MINE AND TIPPLE:  
T. 9 N., R. 6 W., sec. 3  
SHIPPING POINT: Clay City by New York  
Central RR  
KIND OF OPENING: Strip  
SEAM: Block  
EQUIPMENT: 1 Bucyrus-Erie 3-yd. power  
shovel, 1 Bucyrus-Monighan 8-yd. electric  
dragline  
EMPLOYEES: 35  
DAILY CAPACITY: 1,000 tons  
TIPPLE CAPACITY: 125 tons per hr.  
PRODUCTS: Raw, egg, screenings, stoker  
PRODUCTION IN TONS:  
1940: 88,619  
1941: 111,584  
1942: 153,142  
1943: 136,352  
1944: 144,837  
1945: 126,289  
1946: 114,228

REMARKS: Formerly operated by Standard  
Brazil Block Coal Company. Present oper-  
ator began in 1937.

**\*THE MAUMEE COLLIERIES  
COMPANY**

521 Ohio St., Terre Haute  
PRES. AND TREAS.: O. S. Roberts  
VICE PRES.: H. B. Lee  
SECY.: D. W. Aten

**Old Glory No. 17 Mine**

LOCATION: T. 10 N., R. 6 W., sec. 27  
SHIPPING POINT: Clay City by C. I. & L.  
RR  
KIND OF OPENING: Strip  
SEAM: Block  
AVERAGE THICKNESS: 34 in.  
EQUIPMENT: Bucyrus-Monighan 10 W  
dragline  
EMPLOYEES: 37  
DAILY CAPACITY: 1,500 tons  
TIPPLE CAPACITY: 200 tons per hr.  
SHIFTS PER DAY: 3  
PRODUCTS: Lump, furnace lump, egg, car-  
bon, dedusted screenings  
PRODUCTION IN TONS:  
1940: 164,998  
1941: 203,855  
1942: 243,236  
1943: 209,132  
1944: 198,491  
1945: 207,506  
1946: 160,729

**MICHAELS, JOHN**

390 N. E. 9th St., Linton  
LOCATION OF MINE: 1 mi. north and 3/4  
mi. east of Jasonville on Hwy. 59.  
TIPPLE: Greene County, Wright township  
SHIPPING POINT: Latta by C. M. St. P.  
& P. RR  
KIND OF OPENING: Strip  
SEAM: No. 4  
EMPLOYEES: 19  
DAILY CAPACITY: 350 tons  
TIPPLE CAPACITY: 75 tons per hr.  
PRODUCTION: Started January 23, 1947.

**SCHLATTER COAL COMPANY**

Brazil  
MANAGEMENT: Albert Girton

**SIEMAN COAL COMPANY, H. A.**

Coalmont  
GEN. MGR.: H. A. Sieman  
Oak Leaf Mine  
SHIPPING POINT: Latta by C. M. St. P.  
& P. RR  
KIND OF OPENING: Strip  
SEAM: No. 5  
AVERAGE THICKNESS: 50 in.  
POWER: Purchased  
EMPLOYEES: 21  
DAILY CAPACITY: 1,150 tons  
PRODUCTS: Mine run  
PRODUCTION IN TONS:  
1944: 338,815 (including Alum Cave Mine  
in Greene County)

**SUMMERLOT, JOHN**

R. R. 2, Clay City  
Standard B. Block Mine  
LOCATION: Harrison township  
KIND OF OPENING: Strip  
SEAM: Block  
DAILY CAPACITY: Under 50 tons

**VANATTI, JOHN**

R. R. 1, Brazil  
Vanatti Mine  
LOCATION: Dick Johnson township  
KIND OF OPENING: Shaft  
SEAM: Block  
DAILY CAPACITY: 5 tons

**WINN COAL COMPANY**

710 N. Washington, Brazil  
Winn Mine  
LOCATION: Dick Johnson township  
KIND OF OPENING: Shaft  
SEAM: Block  
DAILY CAPACITY: Under 50 tons

**DAVIESS COUNTY****CHESSER COAL CORPORATION**

R. R. 2, Washington  
Chesser Mine  
LOCATION: Veale township  
SHIPPING POINT: Thomas by New York  
Central RR  
KIND OF OPENING: Shaft  
SEAM: No. 5  
DAILY CAPACITY: 200 tons

**EICHMILLER, WILLIAM**

R. F. D. 2, Jasper  
Eichmiller Mine  
LOCATION: Reeve township  
KIND OF OPENING: Strip  
SEAM: No. 5  
DAILY CAPACITY: 4 tons

**\*ENKOFF COAL COMPANY**

Montgomery  
MANAGEMENT: Carl E. and Leonard  
Enkoff, Partners  
Enkoff Mine  
LOCATION: T. 3 N., R. 5 W., sec. 32  
SHIPPING POINT: Mine by trucks  
KIND OF OPENING: Shaft  
SEAMS: Cannel and No. 4  
AVERAGE THICKNESS: 37 in.

EQUIPMENT: Hand loading  
POWER: Steam  
EMPLOYEES: 7  
DAILY CAPACITY: 20 tons  
SHIFTS PER DAY: 1  
PRODUCTS: Mine run  
PRODUCTION IN TONS:  
1940: 5,627  
1941: 4,977  
1942: 6,946  
1943: 7,597  
1944: 8,914  
1945: 6,363  
1946: 7,479

**HICKS COAL COMPANY**

Cannelburg  
Hicks Mine  
LOCATION: Barr township  
KIND OF OPENING: Strip  
SEAM: No. 4  
DAILY CAPACITY: 50 tons

**LEDGERWOOD COAL COMPANY**

Odon  
Ledgerwood Mine  
LOCATION: Madison township  
KIND OF OPENING: Shaft  
SEAM: Semi-Block  
DAILY CAPACITY: Under 50 tons

**OVERTON, J. A.**

Odon  
Overton Mine  
LOCATION: Van Buren township  
KIND OF OPENING: Shaft  
SEAM: Semi-Block  
DAILY CAPACITY: 5 tons

**SIMONAS BROTHERS COAL  
COMPANY**

Washington  
Simonas Mine  
LOCATION: Montgomery township  
SHIPPING POINT: Mine by trucks  
KIND OF OPENING: Shaft  
SEAM: No. 4  
AVERAGE THICKNESS: 42-50 in.  
PRODUCTION IN TONS:  
1944: 16,685

**SOLAR COAL COMPANY**

R. R. 2, Washington  
Three R Mine  
LOCATION: Veale township  
KIND OF OPENING: Slope  
SEAM: No. 5  
DAILY CAPACITY: Under 50 tons

**DUBOIS COUNTY****BIRK, OTTO**

R. F. D. 1, Jasper  
Birk Mine  
LOCATION: Madison township  
KIND OF OPENING: Shaft  
SEAM: No. 5  
DAILY CAPACITY: Under 50 tons

**DETROY AND BROCKMAN**

1514 N. Mill St., Jasper  
Detroy and Brockman Mine  
LOCATION: T. 2 S., R. 5 W., sec. 17  
KIND OF OPENING: Shaft  
SEAM: No. 5  
DAILY CAPACITY: 20 tons

**MEHRINGER, KARL H.**

R. R. 1, Jasper

**STEINHART, LOUIS**

R. R. 1, Jasper  
Steinhart Mine  
LOCATION: Bainbridge  
KIND OF OPENING: Shaft  
SEAM: No. 5  
DAILY CAPACITY: 7 tons

**STENFTENAGLE AND BIRK**

R. R. 5, Jasper  
Stenftenagle and Birk Mine  
LOCATION: Madison township  
KIND OF OPENING: Shaft  
SEAM: No. 5  
DAILY CAPACITY: Under 50 tons

**FOUNTAIN COUNTY****\*ABERNATHY AND STOUP**

R. F. D. 1, Covington  
Abernathy and Stoup Mine  
LOCATION: Wabash township  
SHIPPING POINT: Mine by trucks  
KIND OF OPENING: Slope  
SEAM: No. 5  
AVERAGE THICKNESS: 54 in.  
DAILY CAPACITY: 3 tons  
SHIFTS PER DAY: 1  
PRODUCTS: Mine run

**\*MORGAN COAL COMPANY**

19 W. 38th St., Indianapolis  
PARTNERS: Fred C. Morgan, Harrison  
Eiteljorg, and Charles Thomas  
MINE SUPT.: Glen Duncan  
Morgan-Kingman Mine

MINE AND TIPPLE LOCATION: T. 18 N.,  
R. 7 W., sec. 20  
SHIPPING POINT: Yeddo 90% by truck  
KIND OF OPENING: Strip  
SEAM: Minshall  
AVERAGE THICKNESS: 42 in.  
EQUIPMENT: 1 Marion 1 1/2-yd. shovel,  
1 Page dragline (7-yd.)  
EMPLOYEES: 23  
DAILY CAPACITY: 400 tons  
TIPPLE CAPACITY: 100 tons per hr.  
SHIFTS PER DAY: Dragline crew 3; all  
others 1  
PRODUCTS: Lump, egg, nut, stoker, screen-  
ings  
PRODUCTION IN TONS:  
1940: 32,591  
1941: 43,092  
1942: 67,560  
1943: 77,595  
1944: 71,205  
1945: 86,862  
1946: 87,338  
REMARKS: Production began in this mine  
December 1939.

**\*OSBORNE, GLEN**

R. F. D. 2, Kingman

**Swim Mine**

LOCATION: Fulton township  
 KIND OF OPENING: Slope  
 SEAM: Minshall  
 AVERAGE THICKNESS: 48 in.  
 EQUIPMENT: Hand drills  
 EMPLOYEES: 2  
 DAILY CAPACITY: 10 tons  
 PRODUCTS: Mine run  
 REMARKS: Coal mined for owner's home use.

**RENNICK, RALPH V.**

R. R. 1, Kingman

**Morgan Mine**

LOCATION: Mill Creek township  
 KIND OF OPENING: Strip  
 SEAM: Minshall

**GIBSON COUNTY****BRIGGS COAL COMPANY**

R. F. D. 3, Oakland City

MANAGEMENT: George W. Briggs, Sr.

**Briggs Mine**

LOCATION: 3 miles E. of Somerville  
 SHIPPING POINT: Somerville by New York  
 Central RR  
 KIND OF OPENING: Shaft  
 SEAM: No. 5  
 EQUIPMENT: Hand loading, 1 cutting machine  
 POWER: Generate own  
 EMPLOYEES: 15  
 DAILY CAPACITY: 100 tons  
 TIPPLE CAPACITY: 20 tons per hr.  
 PRODUCTS: Nut, lump, screenings  
 PRODUCTION IN TONS:  
 1940: 5,968  
 1941: 17,440  
 1942: 13,962  
 1943: 16,321  
 1944: 17,735  
 REMARKS: Formerly Faries Coal Mining Company. Present operator began producing in 1936.

**COLUMBIA COAL COMPANY**

R. F. D. 1, Oakland City

**MASON, HURSHEL D.**

R. F. D. 1, Oakland City

**Columbia Mine**

LOCATION: Columbia township  
 KIND OF OPENING: Slope  
 SEAM: No. 5  
 DAILY CAPACITY: 4 tons

**\*PRINCETON MINING COMPANY**

111 N. 7th St., Terre Haute

PRES.: Henry P. Smith  
 VICE PRES.: Anton Hulman  
 SECY.-TREAS.: Uriah R. Smith

**Kings Mine**

MINE AND TIPPLE LOCATION: T. 2 S.,  
 R. 10 W., sec. 24  
 SHIPPING POINT: Kings Station by C. &  
 E. I. RR  
 KIND OF OPENING: Shaft  
 SEAM: No. 5  
 AVERAGE THICKNESS: 72 in.

EQUIPMENT: 16 loading machines, 16 cutting machines  
 POWER: Generate own and purchased  
 EMPLOYEES: 540  
 DAILY CAPACITY: 5,000 tons  
 TIPPLE CAPACITY: 700 tons per hr.  
 PRODUCTS: Lump, stoker, screenings, de-dusted

**PRODUCTION IN TONS:**

1940: 959,721  
 1941: 1,136,382  
 1942: 1,189,368  
 1943: 1,020,578  
 1944: 1,179,389  
 1945: 996,832  
 1946: 737,487

**PURITY MINING COMPANY, INC.**

Princeton

PRES.: Joseph Horrall  
 EMPLOYEES: 825  
 PRODUCTS: Mine run

**SOMERVILLE COAL COMPANY**

Somerville

MANAGEMENT: H. L. Marts

**Somerville Mine**

LOCATION: Columbia township  
 SHIPPING POINT: Somerville by New York  
 Central RR  
 KIND OF OPENING: Shaft  
 SEAM: No. 5  
 DAILY CAPACITY: 100 tons

**GREENE COUNTY****BEECH COAL COMPANY**

Jasonville

MANAGEMENT: J. A. Duncan  
 KIND OF OPENING: Strip  
 EMPLOYEES: 825  
 REMARKS: This company strips for The Maumee Collieries Company, which ships the coal.

**BOOKER, SHERMAN**

Star Route, Mineral

**Booker Mine**

LOCATION: Taylor township  
 KIND OF OPENING: Drift  
 SEAM: No. 4  
 DAILY CAPACITY: Under 50 tons

**CORBIN COAL MINE**

Linton

PRODUCTS: Mine run

**\*GILLESPIE COAL COMPANY**

Riddell Bank Bldg., Brazil

OWNER: Curtis W. Gillespie  
 SECY.: Henry A. McShanog

**Gillespie Mine**

LOCATION: T. 7 N., R. 6 W., sec. 36  
 KIND OF OPENING: Strip  
 SEAM: Semi-Block  
 EQUIPMENT: 1 Marion 40A dragline, 1  
 Koehring 3/4-yd. gasoline shovel  
 EMPLOYEES: 25  
 DAILY CAPACITY: 300 tons  
 PRODUCTS: Mine run  
 PRODUCTION: Began November 2, 1944

**\*LINTON SUMMIT COAL COMPANY, INC.**

19 S. 6th St., Terre Haute

PRES.: C. N. Templeton  
 VICE PRES.: J. P. Jeffries  
 SECY.-TREAS.: P. H. Templeton

**New Hope Mine**

MINE AND TIPPLE LOCATION: T. 7 N.,  
 R. 7 W., sec. 31  
 SHIPPING POINT: Jasonville by C. M.  
 St. P. & P. RR  
 MINE SUPT.: James Davis  
 KIND OF OPENING: Slope  
 SEAM: No. 5 (No. 6 abandoned in 1946)  
 EQUIPMENT: Slope conveyor, 7 cutting  
 machines  
 EMPLOYEES: 266  
 DAILY CAPACITY: 2,000 tons  
 TIPPLE CAPACITY: 300 tons per hr.  
 PRODUCTS: Raw-lump and egg; washed  
 nut and dried screenings  
 PRODUCTION IN TONS:  
 1940: 512,426  
 1941: 578,876  
 1942: 576,723  
 1943: 635,636  
 1944: 740,471  
 1945: 652,116  
 1946: 453,669  
 REMARKS: Operation began in 1933.

**\*THE MAUMEE COLLIERIES COMPANY**

521 Ohio, Terre Haute

MANAGEMENT: See Clay County

**Linton No. 28 Mine**

LOCATION: T. 8 N., R. 7 W., sec. 22  
 TIPPLE: T. 8 N., R. 7 W., sec. 15  
 SHIPPING POINT: Latta by C. M. St. P. &  
 P. RR; Midland by C. I. & L. RR  
 KIND OF OPENING: Strip  
 SEAM: No. 4  
 AVERAGE THICKNESS: 42 in.  
 EQUIPMENT: Bucyrus-Erie 1150 B electric  
 dragline  
 POWER: Purchased  
 EMPLOYEES: 81  
 DAILY CAPACITY: 3,000 tons  
 TIPPLE CAPACITY: 350 tons per hr.  
 PRODUCTS: Furnace lump, egg, stove, nut,  
 screenings  
 PRODUCTION IN TONS:  
 1945: 60,995  
 1946: 465,458  
 REMARKS: Production began October 15,  
 1945.

**Sycamore No. 26 Mine**

LOCATION: T. 7 N., R. 7 W., sec. 6  
 SHIPPING POINT: Latta by C. M. St. P.  
 & P. RR; Linton by Pennsylvania RR  
 KIND OF OPENING: Strip  
 SEAM: No. 6  
 AVERAGE THICKNESS: 66 in.  
 EQUIPMENT: 1 Marion 3-yd. loader, 1  
 3-yd. Link Belt dragline  
 EMPLOYEES: 65  
 DAILY CAPACITY: 2,400 tons  
 TIPPLE CAPACITY: 300 tons per hr.  
 SHIFTS PER DAY: 3  
 PRODUCTS: Furnace lump, egg, stove, nut,  
 screenings; all washed but lump  
 PRODUCTION IN TONS:  
 1941: 114,427  
 1942: 350,952

1943: 363,455  
 1944: 405,580  
 1945: 270,125  
 1946: 107,531

REMARKS: Operations began in August  
 1941. Coal processed at Sponsler Tipple.

**Sullivan No. 27 Mine**

LOCATION: T. 7 N., R. 8 W., sec. 13  
 SHIPPING POINT: Latta by C. M. St. P.  
 & P. RR; Linton by Pennsylvania RR  
 KIND OF OPENING: Strip  
 SEAM: No. 7  
 AVERAGE THICKNESS: 36 in.  
 EQUIPMENT: 2 Marion power shovels:  
 1 1,00 T and 1 90 T, 1 Bucyrus-Monighan  
 800 T dragline  
 EMPLOYEES: 80  
 DAILY CAPACITY: 2,400 tons  
 TIPPLE CAPACITY: 300 tons per hr.  
 SHIFTS PER DAY: 3  
 PRODUCTS: Lump, egg, stove, nut, screen-  
 ings  
 PRODUCTION IN TONS:  
 1944: 146,764  
 1945: 442,658  
 1946: 358,459  
 REMARKS: Began operations in August  
 1944. Coal processed at Sponsler Tipple.

**PEARL, JOE**

Midland

**Queen 2 Mine**

LOCATION: Wright township  
 SHIPPING POINT: Latta by C. M. St. P. &  
 P. RR  
 KIND OF OPENING: Slope  
 SEAM: No. 5  
 DAILY CAPACITY: Under 50 tons

**RICHARDSON COAL COMPANY**

R. R. 2, Linton

OWNER: Thomas R. Richardson

**Richardson Mine**

LOCATION: Stockton township  
 SHIPPING POINT: Linton by C. M. St. P.  
 & P. RR  
 KIND OF OPENING: Shaft  
 SEAM: No. 4  
 EMPLOYEES: 8-25  
 DAILY CAPACITY: 40 tons  
 PRODUCTS: Screened No. 4 coal, lump,  
 egg, mine run, stoker, nut, slack

**SIEPMAN COAL COMPANY, H. A.**

Coalmont

See Clay County

**Alum Cave Mine**

LOCATION: Jasonville township  
 SHIPPING POINT: Latta by C. M. St. P. &  
 P. RR  
 KIND OF OPENING: Strip  
 SEAM: No. 5  
 EMPLOYEES: 50-100  
 DAILY CAPACITY: 500 tons  
 PRODUCTS: Mine run

**SINK COAL COMPANY**

Jasonville

PRES.: Ben H. Sink, Jr.  
 PRODUCTS: Mine run

**SOUTH LINTON COAL COMPANY**

R. R. 1, Linton  
 PARTNER: Clovis Camden  
 South Linton Mine  
 LOCATION: Stockton township  
 SHIPPING POINT: Latta by C. M. St. P. & P. RR  
 KIND OF OPENING: Shaft  
 SEAM: No. 4  
 EMPLOYEES: 8-25  
 DAILY CAPACITY: 250 tons  
 PRODUCTS: Mine run

**STIFFLER, WILLIAM**

220 S. Washington Ave., Jasonville

**YAKE COAL COMPANY**

Newberry

**Yake Mine**

LOCATION: T. 6 N., R. 4 W.  
 KIND OF OPENING: Strip  
 SEAM: No. 4

**YOUNG, JOHN A.**

229 N. E. "E" St., Linton

**Young Rib Mine**

LOCATION: Grant township  
 KIND OF OPENING: Strip  
 SEAM: No. 5

**KNOX COUNTY****\*BICKNELL COAL COMPANY**

Bicknell

PRES.: W. H. Waggoner  
 VICE PRES.: Joe Candler  
 SECY.-TREAS.: John F. Held  
 CHIEF ENGR.: F. I. Pearce

**Panhandle Mine**

MINE AND TIPPLE LOCATION: Washington township, Block 142, SE 1/4  
 SHIPPING POINT: Plant by Pennsylvania RR, I & B Branch  
 KIND OF OPENING: Shaft  
 SEAM: No. 6  
 AVERAGE THICKNESS: 48 in.  
 EQUIPMENT: Hand loading, 8 cutting machines, electric hoist  
 EMPLOYEES: 119  
 DAILY CAPACITY: 500 tons  
 TIPPLE CAPACITY: 175 tons per hr.  
 PRODUCTION IN TONS:

1940: 224,445  
 1941: 247,235  
 1942: 150,074  
 1943: 105,357  
 1944: 130,497  
 1945: 119,937  
 1946: 135,612

REMARKS: Mined Seam No. 5 from 1940-1942; Seam No. 6 from 1943-1946. Present operator began in 1933.

**BLACK DIAMOND COAL COMPANY**

R. F. D. 1, Linton

**Black Diamond Mine**

LOCATION: Widner township  
 KIND OF OPENING: Shaft  
 SEAM: No. 6  
 DAILY CAPACITY: 50 tons

**\*KNOX CONSOLIDATED COAL CORPORATION**

1456 Consolidated Bldg., Indianapolis

PRES.: W. M. Zeller  
 VICE PRES.: F. L. Oliphant  
 VICE PRES.: B. F. LeMond  
 SECY.-TREAS.: J. R. Evans  
 GEN. MGR.: P. G. Conrad

**Mine No. 1**

MINE AND TIPPLE LOCATION: T. 4 N., R. 8 W., sec. Don. 140  
 SHIPPING POINT: Bicknell by Pennsylvania RR  
 SUPT.: William Winneger  
 KIND OF OPENING: Shaft  
 SEAM: No. 5  
 AVERAGE THICKNESS: 78 in.  
 EQUIPMENT: 18 cutting machines, 12 loading machines

POWER: Own and purchased  
 EMPLOYEES: 431  
 DAILY CAPACITY: 4,000 tons  
 TIPPLE CAPACITY: 400 tons per hr.  
 PRODUCTS: Screenings, dry dedusted screenings, carbon, railroad egg  
 PRODUCTION IN TONS:

1940: 722,957  
 1941: 908,357  
 1942: 1,014,413  
 1943: 1,057,753  
 1944: 1,064,138  
 1945: 836,884  
 1946: 739,250

REMARKS: Production began in 1913.

**Mine No. 2**

MINE AND TIPPLE LOCATION: T. 4 N., R. 8 W., sec. Don. 241  
 SHIPPING POINT: Bicknell by Pennsylvania RR  
 SUPT.: James Little  
 KIND OF OPENING: Shaft  
 SEAM: No. 5  
 AVERAGE THICKNESS: 78 in.  
 EQUIPMENT: 14 cutting machines, 10 Joy loaders

EMPLOYEES: 366  
 PRODUCTS: Lump, dedusted, washed stoker, washed egg  
 PRODUCTION IN TONS:

1940: 644,195  
 1941: 768,070  
 1942: 794,937  
 1943: 959,352  
 1944: 1,064,790  
 1945: 915,233  
 1946: 804,035

REMARKS: Began producing in 1918.

**Mine No. 5**

MINE AND TIPPLE LOCATION: T. 4 N., R. 9 W., sec. Don. 74  
 SHIPPING POINT: Bicknell by Pennsylvania RR  
 SUPT.: L. W. Zeller  
 KIND OF OPENING: Shaft  
 SEAM: No. 5  
 AVERAGE THICKNESS: 78 in.  
 EQUIPMENT: 2 cutting machines  
 POWER: Purchased  
 EMPLOYEES: 40  
 DAILY CAPACITY: 1,500 tons  
 TIPPLE CAPACITY: 200 tons per hr.  
 SHIFTS PER DAY: 2  
 PRODUCTS: Egg, screenings, raw stoker, carbon

PRODUCTION IN TONS:

1942: 2,380  
 1943: 89,822  
 1944: 206,987

1945: 286,770  
 1946: 287,067

REMARKS: Began operating November 16, 1942.

**NORTH SIDE MINING COMPANY**

N. Main St. Rd., Bicknell

PRES.: Dr. J. C. Heidenreich  
 VICE PRES.: L. B. Harrington  
 SECY.-TREAS.: C. J. Phillips

**North Side Mine**

MINE AND TIPPLE LOCATION: T. 4 N., R. 8 W., sec. 9  
 SHIPPING POINT: Bicknell by Pennsylvania RR  
 KIND OF OPENING: Shaft  
 SEAM: No. 6  
 AVERAGE THICKNESS: 54 in.  
 EQUIPMENT: 2 cutting machines, hand loading, electric hoist  
 POWER: Purchased  
 EMPLOYEES: 30  
 PRODUCTS: Raw, lump, nut, screenings, mine run  
 PRODUCTION IN TONS:

1941: 31,178  
 1942: 33,523  
 1943: 44,042  
 1944: 37,341  
 1945: 40,250

REMARKS: Operation began in 1926.

**POWELL, MATHEW**

R. R. 2, Wheatland

**Peacock Mine**

LOCATION: Steen township  
 KIND OF OPENING: Slope  
 SEAM: No. 6  
 DAILY CAPACITY: 15 tons

**SHASTA COAL CORPORATION**

230 N. Michigan Ave., Chicago

PRES.: R. E. Snoberger  
 VICE PRES.: H. E. Howard  
 SECY.-TREAS.: G. A. Merchant

**Shasta Mine**

P. O.: Box 278, Bicknell  
 MINE AND TIPPLE LOCATION: T. 4 N., R. 8 W., sec. 3  
 SHIPPING POINT: Bicknell by Pennsylvania RR  
 KIND OF OPENING: Strip  
 SEAM: No. 6  
 AVERAGE THICKNESS: 56 in.  
 EQUIPMENT: 1 950 B Bucyrus, 1 Page 621-S dragline  
 EMPLOYEES: 100  
 DAILY CAPACITY: 2,800 tons  
 TIPPLE CAPACITY: 400 tons per hr.  
 PRODUCTS: Lump, egg, washed, washed screenings  
 PRODUCTION IN TONS:

1944: 139,639  
 1945: 860,000

REMARKS: Started production October 25, 1944.

**STANDARD COAL COMPANY**

Box 200, Vincennes

PRES.: F. L. Oliphant  
 VICE PRES.: F. L. Oliphant, Jr.  
 SECY.: Ira D. Schaffer  
 TREAS.: Earl Oliphant

**Julian No. 1 Mine**

LOCATION: T. 3 N., R. 9 W., sec. Don. 68  
 SHIPPING POINT: Wheatland by B & O RR  
 KIND OF OPENING: Slope

SEAM: No. 5  
 EQUIPMENT: 13 loading machines, 10 cutting machines  
 EMPLOYEES: 205  
 DAILY CAPACITY: 2,000 tons  
 TIPPLE CAPACITY: 400 tons per hr.  
 PRODUCTS: Washed, many sizes

PRODUCTION IN TONS:

1941: 255,377 Seam No. 6  
 1942: 502,144 Seam No. 6  
 1943: 164,142 Seam No. 6  
 174,495 Seam No. 5  
 1944: 414,160 Seam No. 5

REMARKS: Operation began in 1940.

**SUNSHINE COAL COMPANY**

Bicknell

PRES.: John Koenig  
 VICE PRES.: John Wolfe  
 SECY.-TREAS.: Bruce Koenig

**Sunshine Mine**

MINE AND TIPPLE LOCATION: T. 4 N., R. 8 W., sec. 17  
 SHIPPING POINT: Bicknell by Pennsylvania RR  
 KIND OF OPENING: Shaft  
 SEAM: No. 6  
 EQUIPMENT: Hand loading, 10 cutting machines, steam hoist

POWER: Purchased  
 EMPLOYEES: 120  
 DAILY CAPACITY: 750 tons  
 TIPPLE CAPACITY: 100 tons per hr.  
 PRODUCTION IN TONS:

1942: 158,274  
 1943: 217,569  
 1944: 183,187

REMARKS: Former operator—Richardson and May. Present owner began production in November 1941.

**\*SUPERIOR COAL MINE**

R. R. 2, Linton

MANAGEMENT: Anton Slapar, Sr., Anton Slapar, Jr., Octave Mercier

**Superior Coal Mine**

LOCATION: T. 5 N., R. 8 W., sec. 14  
 SHIPPING POINT: Mine by trucks  
 KIND OF OPENING: Slope  
 SEAM: No. 6  
 AVERAGE THICKNESS: 50 in.  
 EQUIPMENT: Cutting machine  
 EMPLOYEES: 9  
 DAILY CAPACITY: 35 tons  
 PRODUCTS: Mine run  
 PRODUCTION IN TONS:

1940: 7,862  
 1941: 8,414  
 1942: 10,463  
 1943: 11,785  
 1944: 9,687  
 1945: 8,898  
 1946: 8,993

**WHITE ASH COAL COMPANY**

910 E. 11th St., Bicknell

MANAGEMENT: John L. Hoffman

**White Ash Mine**

LOCATION: Steen township  
 KIND OF OPENING: Shaft  
 SEAM: No. 6  
 DAILY CAPACITY: 80 tons

## MARTIN COUNTY

**FRENCH AND SON**  
Shoals

French Mine  
LOCATION: Halbert township  
KIND OF OPENING: Slope  
SEAM: No. 5  
DAILY CAPACITY: 10 tons

**GAMMON, THOMAS**  
R. F. D. 1, Shoals

Gammon Mine  
LOCATION: Halbert township  
KIND OF OPENING: Slope  
SEAM: No. 5

**GOLDSBERRY AND GOLDSBERRY**

R. F. D. 3, Loogootee  
Waggoner Mine  
LOCATION: Center township  
KIND OF OPENING: Slope  
SEAM: No. 4

**GRAY, LESTER**  
Loogootee

EMPLOYEES: 8-25

**JOHNSON, CHARLES L.**  
R. F. D. 1, Shoals

Johnson Mine  
LOCATION: Halbert township  
KIND OF OPENING: Shaft  
SEAM: No. 5  
DAILY CAPACITY: 2 tons

**SHERFICK, BEN O.**  
Star Route, Shoals

LOCATION OF MINE: Halbert township  
KIND OF OPENING: Slope  
SEAM: Block  
DAILY CAPACITY: 1 ton

**WHITE ASH COAL COMPANY**  
R. F. D. 4, Loogootee

MANAGEMENT: John L. Hoffman

## OWEN COUNTY

**LOHR, ALVIN**

839 E. Vincennes, Linton  
V. J. Mine  
LOCATION: T. 10 N., R. 6 W., sec. 13  
KIND OF OPENING: Strip  
SEAM: Block

## PARKE COUNTY

**BRAMBLETT COAL COMPANY**  
Bridgeton

PRODUCTS: Mine run

**BUTTERMAN MINING COMPANY**

R. F. D. 3, Rockville  
Butterman Mine  
MINE AND TIPPLE LOCATION: T. 14 N.,

R. 7 W., sec. 32  
SHIPPING POINT: Plant by trucks  
KIND OF OPENING: Shaft  
SEAM: Semi-Block  
EQUIPMENT: Hand loading, steam hoist  
EMPLOYEES: 9  
DAILY CAPACITY: 40 tons  
TIPPLE CAPACITY: 100 tons per hr.  
PRODUCTS: Raw; lump, egg, stoker, screenings  
REMARKS: Formerly Lawrence Bramblett. Present owner began production May 28, 1945.

**HOLADAY AND COMPANY**

Bloomington  
Holaday Mine  
LOCATION: Penn township  
KIND OF OPENING: Slope  
SEAM: Block  
DAILY CAPACITY: Under 50 tons

**JONES COAL COMPANY**

R. R. 1, Rosedale  
MANAGEMENT: James Jones  
Jones Mine  
LOCATION: Adams township  
KIND OF OPENING: Shaft  
SEAM: Minshall  
DAILY CAPACITY: 25 tons  
PRODUCTS: Mine run

**NAVEL AND WEST**

R. F. D. 3, Rockville  
MANAGEMENT: Thomas Navel and Virgil West  
Winner Mine No. 2

MINE AND TIPPLE LOCATION: T. 14 N., R. 7 W., sec. 35  
KIND OF OPENING: Shaft  
SEAM: Minshall  
EQUIPMENT: 2 cutting machines, electric hoist  
EMPLOYEES: 15  
DAILY CAPACITY: 100 tons  
PRODUCTS: Lump, nut, stoker, screenings  
PRODUCTION IN TONS:  
1944: 2,750  
REMARKS: Former operator Frank Frassler. Present owner began operation October 16, 1944.

## PERRY COUNTY

**FOSTER, DOLPH**

St. Meinrad  
Foster Mine  
LOCATION: Clark township  
KIND OF OPENING: Slope  
SEAM: No. 5  
DAILY CAPACITY: 2 tons

**SUTCLIFFE, FLOYD**

Gatchel  
Reter Mine  
LOCATION: Anderson township  
KIND OF OPENING: Slope  
SEAM: No. 5  
DAILY CAPACITY: 3½ tons

**WERNER, FRED J.**

12th Street, Tell City  
Werner Mine  
LOCATION: Anderson township  
KIND OF OPENING: Drift  
SEAM: No. 5  
DAILY CAPACITY: 5 tons

## PIKE COUNTY

**\*AYRSHIRE COLLIERIES CORPORATION**

105 S. Meridian, Indianapolis  
MANAGEMENT: See Clay County  
Ayrshire Mine

MINE AND TIPPLE LOCATION: T. 2 S., R. 8 W., sec. 13  
SHIPPING POINT: Winslow by Southern RR; Oakland City by New York Central and A. W. & W. RRs  
KIND OF OPENING: Strip  
SEAM: No. 5  
AVERAGE THICKNESS: 54 in.  
EQUIPMENT: 4 Marion electric power shovels; 2 5480 and 2 37  
EMPLOYEES: 165  
DAILY CAPACITY: 4,000 tons  
TIPPLE CAPACITY: 600 tons per hr.  
SHIFTS PER DAY: 3  
PRODUCTS: Many sizes, hand-picked, air-cleaned  
PRODUCTION IN TONS:  
1940: 811,197  
1941: 766,663  
1942: 820,349  
1943: 799,483  
1944: 810,337  
1945: 746,295  
1946: 820,445

## Patoka Mine

P. O.: Box 128, Oakland City  
LOCATION: T. 1 S., R. 7 W., sec. 16  
TIPPLE: T. 1 S., R. 8 W., sec. 25  
SHIPPING POINT: Oakland City by New York Central and A. W. & W. RRs  
KIND OF OPENING: Strip  
SEAM: No. 5  
AVERAGE THICKNESS: 51 in.  
EQUIPMENT: 4 Bucyrus electric power shovels: 1 750 B, 1 320 B, 1 75 B, and 1 50 B  
EMPLOYEES: 140  
DAILY CAPACITY: 3,600 tons  
TIPPLE CAPACITY: 600 tons per hr.  
SHIFTS PER DAY: 3  
PRODUCTS: Raw; many sizes  
PRODUCTION IN TONS:  
1940: 777,732  
1941: 859,034  
1942: 693,201  
1943: 580,563  
1944: 679,825  
1945: 863,169  
1946: 803,046  
REMARKS: Formerly Patoka Coal Company. Present operator began July 1, 1939.

**\*BLACKFOOT COAL AND LAND CORPORATION**

907-8 Citizens Bank Bldg., Evansville 17  
PRES.: C. C. KERWIN  
VICE PRES.: A. C. Ancona  
SECY.: Isidor Kahn  
TREAS.: V. C. Kibler

## Blackfoot Mine

LOCATION: Lockhart township  
SHIPPING POINT: Kerwin by New York Central RR  
KIND OF OPENING: Strip  
SEAM: No. 5  
AVERAGE THICKNESS: 54 in.  
EQUIPMENT: 1 Bucyrus-Erie 21-yd. power shovel, 1 Bucyrus-Monighan 5-yd. dragline, 1 Bucyrus-Erie 5-yd. loading shovel, 1 Marion 2½-yd. loading shovel  
POWER: Electric  
EMPLOYEES: 125  
DAILY CAPACITY: 3,500 tons  
SHIFTS PER DAY: Shovels—3; tipples—1  
EMPLOYEES: 125  
PRODUCTS: Various sizes washed and dried  
PRODUCTION IN TONS:  
1940: 332,703  
1941: 665,295  
1942: 741,052  
1943: 772,079  
1944: 770,996  
1945: 739,690  
1946: 513,973

**BOGER COAL COMPANY**

R. R. 1, Petersburg  
Boger Mine  
LOCATION: Washington township  
KIND OF OPENING: Slope  
SEAM: No. 5  
DAILY CAPACITY: 17 tons

**BRADFIELD COAL COMPANY**

R. R. 1, Petersburg  
Bradfield Mine  
LOCATION: Washington township  
SHIPPING POINT: Petersburg by New York Central RR  
KIND OF OPENING: Slope  
SEAM: No. 5  
DAILY CAPACITY: 8 tons

**CEDAR VALLEY MINING CORPORATION**

609 Tribune Bldg., Terre Haute  
PRES.: Leo Girton  
VICE PRES.: Ernest Butterman  
SECY.: G. R. Capps  
Cedar Valley Mine  
MINE AND TIPPLE LOCATION: T. 3 S., R. 8 W., sec. 16  
SHIPPING POINT: Somerville by New York Central RR  
KIND OF OPENING: Strip  
SEAM: No. 7  
EQUIPMENT: P. & H. 2-yd. diesel dragline  
EMPLOYEES: 20  
DAILY CAPACITY: 400 tons  
TIPPLE CAPACITY: 100 tons per hr.  
PRODUCTS: Lump, egg, stoker, screenings  
PRODUCTION IN TONS:  
1944: 21,435  
REMARKS: Present owner began production October 1, 1944.

**CHURCH, BLYTHE**

R. F. D. 1, Petersburg  
Church Mine  
LOCATION: Washington township  
KIND OF OPENING: Strip  
SEAM: No. 5  
DAILY CAPACITY: 10 tons

**COURTER AND WRIGHT COAL COMPANY**

General Delivery, Winslow  
Stendal Mine

LOCATION: T. 3 S., R. 7 W., sec. 14  
KIND OF OPENING: Strip  
SEAM: No. 5  
EQUIPMENT: 1 Bucyrus 1½-yd. power shovel, 1 LeTourneau 16-yd. excavator shovel  
EMPLOYEES: 6  
DAILY CAPACITY: 200 tons  
PRODUCTS: Mine run  
REMARKS: Mine acquired June 11, 1945.

**\*THE ENOS COAL MINING COMPANY**

1101 Guardian Bldg., Cleveland, Ohio

PRES.: Fred S. McConnell  
VICE PRES. & TREAS.: G. E. Enos  
SECY.: R. N. Bowen

Enos Mine

P. O.: Oakland City  
LOCATION: T. 3 S., R. 7 & 8 W., secs. 1, 12, 13, 18, 24

TIPPLE: T. 3 S., R. 8 W., sec. 1  
SHIPPING POINT: Enosville by A. W. & W. RR

KIND OF OPENING: Strip  
SEAM: No. 5  
AVERAGE THICKNESS: 60 in.  
EQUIPMENT: 4 Bucyrus-Erie electric power shovels: 2 750 B., 1 75 B., 1 50 B., and 1 GA 3 gas shovel, 1 Northwest 6 diesel, 2 Bucyrus-Erie 5 W electric draglines, 1 Page 621 W diesel dragline

EMPLOYEES: 300  
DAILY CAPACITY: 6,000 tons  
TIPPLE CAPACITY: 800 tons per hr.  
PRODUCTS: Many sizes, washed, raw, water dedusted

PRODUCTION IN TONS:

1940: 1,157,103  
1941: 1,393,968  
1942: 1,480,314  
1943: 1,152,445  
1944: 1,401,567  
1945: 1,314,831  
1946: 1,218,527

REMARKS: Began production in 1921.

**LANDREY MINING COMPANY**

Box 466, Winslow

Landrey Mine

SHIPPING POINT: Canal by A. W. & W. RR  
KIND OF OPENING: Strip  
SEAM: No. 5  
DAILY CAPACITY: 800 tons

**MAURER BROTHERS**

608 Stormen St., Princeton

Maurer Brothers Mine

LOCATION: Patoka township  
KIND OF OPENING: Slope  
SEAM: No. 5

**MEYER, FRED**

Winslow

Hurley Mine

LOCATION: Patoka township  
KIND OF OPENING: Shaft  
SEAM: No. 5  
DAILY CAPACITY: 5 tons

**MILEY, LAWRENCE**

R. R. 1, Petersburg

**\*NIXON COAL CORPORATION**

Spurgeon

PRES.: R. A. Nixon  
SECY.: Trevor Nixon

Nixon Mine

LOCATION: T. 1 S., R. 7 W., sec. 30  
SHIPPING POINT: Canal by A. W. & W. RR  
KIND OF OPENING: Strip  
SEAM: No. 5

AVERAGE THICKNESS: 54 in.  
EQUIPMENT: Steam shovel  
POWER: Steam  
EMPLOYEES: 5  
DAILY CAPACITY: 300 tons  
PRODUCTS: Mine run  
PRODUCTION IN TONS:

1944: 838  
1945: 3,116  
1946: 587

REMARKS: Operated only as a supplementary business and at odd times.

**OGDEN COAL CORPORATION**

R. R. 1, Petersburg

Sand Hill Mine

LOCATION: Washington township  
KIND OF OPENING: Slope  
SEAM: No. 5

DAILY CAPACITY: 25 tons

**P. AND P. COAL COMPANY**

Petersburg

P. and P. Mine

LOCATION: Patota township  
KIND OF OPENING: Strip  
SEAM: No. 5  
DAILY CAPACITY: 100 tons  
PRODUCTS: Mine run

**STAFFORD, HOWARD**

310 Trussler St., Oakland City

Nolan Mine

LOCATION: Patoka township  
KIND OF OPENING: Slope  
SEAM: No. 5  
DAILY CAPACITY: 25 tons

**STENDAL COAL CORPORATION**

Stendal

Stendal Mine

LOCATION: T. 3 S., R. 7 W., sec. 10  
SHIPPING POINT: Coe-Velpen by New York Central and Southern RRs  
KIND OF OPENING: Strip  
SEAM: No. 4  
DAILY CAPACITY: 50 tons

**TWENTIETH CENTURY COAL COMPANY**

Winslow

PRES.: Herman Bryant, Jr.  
PUR. AGT.: Hilary Hurst

20th Century Mine

SHIPPING POINT: Bryant Station by A. W. & W. RR  
SEAM: No. 5  
AVERAGE THICKNESS: 54 in.  
EMPLOYEES: 45

DAILY CAPACITY: 1,500 tons  
PRODUCTION IN TONS:  
1944: 300,063

**WINSLOW COAL CORPORATION**

Petersburg

PRES.: Kenneth Youngs

EMPLOYEES: 50-100

PRODUCTS: Mine run

PRODUCTION IN TONS OF COAL PRODUCED IN ENOS COAL MINING COMPANY'S TIPPLE:

1940: 177,533  
1941: 249,017  
1942: 339,991  
1943: 267,744  
1944: 98,008

**SPENCER COUNTY****BOEHMANN BROTHERS**

St. Meinrad

Boehmann Mine

LOCATION: Harrison township  
KIND OF OPENING: Slope  
SEAM: No. 5  
DAILY CAPACITY: 10 tons

**GENTRY, GEORGE**

R. F. D. 1, Grand View

Wm. Bolin Mine

LOCATION: Hammond township  
KIND OF OPENING: Slope  
SEAM: No. 5  
DAILY CAPACITY: 1 ton

**\*HARPENAU BROTHERS**

1026 12th St., Tell City

MANAGEMENT: Sylvester Harpenau

Christmas Mine

LOCATION: T. 4 S., R. 4 W., secs. 22 and 26  
SHIPPING POINT: St. Meinrad  
KIND OF OPENING: Slope  
SEAM: No. 5  
AVERAGE THICKNESS: 54 in.  
EQUIPMENT: Cutting machine  
POWER: Diesel  
EMPLOYEES: 14  
DAILY CAPACITY: 100 tons  
PRODUCTION IN TONS:  
1945: 17,969  
1946: 23,118

Mine No. 5

LOCATION: T. 6 S., R. 5 W., sec. 24  
SHIPPING POINT: Grand View  
KIND OF OPENING: Shaft  
SEAM: No. 5  
AVERAGE THICKNESS: 36 in.  
EMPLOYEES: 7  
DAILY CAPACITY: 40 tons

**HASENMYER, J. A.**

R. R. 1, Chrisney

Bolin Mine

LOCATION: Hammond township  
KIND OF OPENING: Slope  
SEAM: No. 5  
DAILY CAPACITY: 4 tons

**LANDREY AND TEEGARDEN COAL COMPANY**

Box 423, Columbus

Lamar Block Mine

SHIPPING POINT: Dale by Southern RR  
KIND OF OPENING: Strip  
SEAM: Brazil Block  
EMPLOYEES: 50-100  
REMARKS: Mine opened November 10, 1944.

**\*MARIAH HILL SUPER BLOCK COAL COMPANY**

Willoughby Tower, Chicago, Ill.

MANAGEMENT: See Clay County

Mariah Hill Mine

MINE AND TIPPLE LOCATION: T. 4 S., R. 4 W., sec. 21

SHIPPING POINT: Dale by Southern RR  
KIND OF OPENING: Strip  
SEAM: Block  
EQUIPMENT: 1 Marion 331 loading shovel, 1 Bucyrus-Monighan 5-yd. excavator  
EMPLOYEES: 40  
DAILY CAPACITY: 800 tons  
TIPPLE CAPACITY: 125 tons per hr.  
PRODUCTS: Raw sizes  
PRODUCTION IN TONS:

1940: 77,435  
1941: 113,609  
1942: 94,031  
1943: 82,846  
1944: 88,432  
1945: 74,522  
1946: 79,205

REMARKS: Opened in 1937.

**\*MULZER MINES**

Box 520, Chrisney

PARTNERS: Arnold Mulzer, Roland Mulzer, and Edgar Mulzer

Mulzer Mine

MINE AND TIPPLE LOCATION: T. 6 S., R. 5 W., sec. 3

SHIPPING POINT: Chrisney by Southern RR  
KIND OF OPENING: Strip  
SEAM: No. 3  
AVERAGE THICKNESS: 45 in.  
EQUIPMENT: 1 Bucyrus-Erie ¾-yd. shovel, 1 Lima 4-yd. dragline  
EMPLOYEES: 27  
DAILY CAPACITY: 400 tons  
TIPPLE CAPACITY: 50 tons per hr.  
SHIFTS PER DAY: 1  
PRODUCTS: Raw, mine run, screenings, stoker, nut, lump  
PRODUCTION IN TONS:  
1944: 64,445  
1945: 70,342  
1946: 109,094  
REMARKS: Operation began October 1, 1943. Slope coal mine being developed.

**QUINN, CECIL AND AMOS**

R. R. 1, French Lick

Quinn Mine

LOCATION: Lost River township  
KIND OF OPENING: Slope  
SEAM: No. 5  
DAILY CAPACITY: 4 tons

**REED, MAURICE C.**

R. R. 1, Cannelton

**Reed Mine**

LOCATION: Hammond township  
 KIND OF OPENING: Drift  
 SEAM: No. 5  
 DAILY CAPACITY: 8 tons

**REESE COAL COMPANY**

301 W. 14th St., Jasper

**Iscar B. Vaal Mine**

LOCATION: Harrison township  
 KIND OF OPENING: Shaft  
 SEAM: No. 5  
 DAILY CAPACITY: 45 tons

**VAN DYKE BROTHERS**

Grand View

**Ranger Mine**

LOCATION: Hammond township  
 KIND OF OPENING: Slope  
 SEAM: No. 6  
 DAILY CAPACITY: 5 tons

**SULLIVAN COUNTY****BOWEN, KENNETH**

205 S. Lincoln, Bloomington

**Stiffler Mine**

LOCATION: Hamilton township  
 SHIPPING POINT: Latta-Midland by C. M. St. P. & P. and C. I. & L. RRs  
 KIND OF OPENING: Slope  
 SEAM: No. 7

**\*BUCK CREEK COAL COMPANY**

Linton

MGR.: Carl F. Streitmeier  
 SECY.: Hayle E. Irish

**Buck Creek No. 3 Mine**

LOCATION: Cass township  
 SHIPPING POINT: Hoosier Yards by C. M. St. P. & P. RR  
 KIND OF OPENING: Slope  
 SEAM: No. 6  
 AVERAGE THICKNESS: 70 in.  
 EQUIPMENT: Cutting machine  
 POWER: Electric  
 EMPLOYEES: 13  
 SHIFTS PER DAY: 1  
 PRODUCTS: Mine run  
 DAILY CAPACITY: 90 tons  
 REMARKS: Production began in 1947.

**CAMPBELL, FLOYD**

R. F. D. 1, Shelburn

**Rock Hollow Mine**

LOCATION: Jackson township  
 KIND OF OPENING: Slope  
 SEAM: No. 5  
 DAILY CAPACITY: Under 50 tons

**CENTRAL INDIANA COAL COMPANY**

1016 Merchants Bank Bldg., Indianapolis

PRES.: R. H. Sherwood  
 VICE PRES. & TREAS.: B. E. Lundblad  
 SECY.: E. A. Lundblad

**Nottingham Mine**

MINE AND TIPPLE LOCATION: T. 6 & 7 N., R. 8 W., secs. 1 & 36

SHIPPING POINT: Midland by C. I. & L. RR

KIND OF OPENING: Strip

SEAM: No. 7

EQUIPMENT: 2 Bucyrus-Erie power shovels: 1 7-yd. and 1 16-yd.

EMPLOYEES: 125

SHIFTS PER DAY: 4

PRODUCTS: Raw and washed

PRODUCTION IN TONS:

1944: 531,394

**\*DUGGER DOMESTIC COAL COMPANY**

Sullivan

SECY.: David M. Lippeatt

**Mine No. 2**

LOCATION: T. 8 N., R. 9 W., sec. 36  
 SHIPPING POINT: Dugger by Illinois Central RR

KIND OF OPENING: Shaft

SEAM: No. 5

AVERAGE THICKNESS: 64 in.

POWER: Steam and electric

EMPLOYEES: 100-250

DAILY CAPACITY: 600 tons

PRODUCTS: Domestic and steam coals, "Pandora"

PRODUCTION IN TONS:

1940: 73,392

1941: 85,223

1942: 114,235

1943: 118,590

1944: 136,960

1945: 119,280

1946: 113,416

**GALL, STEVE COAL MINE**

Dugger

**Steve Gall Mine**

LOCATION: T. 7 and 8 N., R. 8 W., sec. 27  
 SHIPPING POINT: Mine by trucks

KIND OF OPENING: Slope

SEAM: No. 6

EQUIPMENT: Hand loading, 2 cutting machines

EMPLOYEES: 35

DAILY CAPACITY: 200 tons

TIPPLE CAPACITY: 400-500 tons per hr.

PRODUCTS: Raw: lump, stoker, slack

PRODUCTION IN TONS:

1942: 22,437

1943: 25,734

1944: 27,940

REMARKS: Started new in February 1942.  
 Tipple burned February 19, 1944.

**\*GLENDDORA COAL COMPANY, INC.**

19 S. Sixth St., Terre Haute

PRES.: C. N. Templeton

VICE PRES.: J. T. Reed

SECY.-TREAS.: P. H. Templeton

**Glendora No. 28 Mine**

P. O.: Sullivan

MINE AND TIPPLE LOCATION: T. 8 N., R. 8 W., sec. 17

SHIPPING POINT: Latta Yards, Jasonville by C. M. St. P. & P. RR

KIND OF OPENING: Shaft

SEAM: No. 5

AVERAGE THICKNESS: 48-80 in.

EQUIPMENT: 3 cutting machines, 8 loading machines

EMPLOYEES: 235

DAILY CAPACITY: 2,000 tons

TIPPLE CAPACITY: 300 tons per hr.

SHIFTS PER DAY: 1

PRODUCTS: Raw, lump, stoker

PRODUCTION IN TONS:

1940: 243,852

1941: 270,912

1942: 345,562

1943: 418,647

1944: 473,703

1945: 442,395

1946: 368,899

REMARKS: Operation began in 1920.

**\*HICKORY GROVE COAL MINING COMPANY**

303 Merchants Bank Bldg., Terre Haute

PRES.: L. B. Fitch

VICE PRES.: R. G. Nunn

SECY.: B. S. Olmsted

TREAS.: L. E. Fitch

**Minnehaha 6 Mine**

P. O.: R. F. D. 3, Sullivan

LOCATION: T. 8 N., R. 8 W., sec. 27

SHIPPING POINT: Latta by C. M. St. P. & P. RR

KIND OF OPENING: Slope

SEAM: No. 6

AVERAGE THICKNESS: 68 in.

EMPLOYEES: 240

DAILY CAPACITY: 2,750 tons

TIPPLE CAPACITY: 400 tons per hr.

SHIFTS PER DAY: 1

PRODUCTS: Lump, egg, nut, stoker, carbon, screenings

PRODUCTION IN TONS:

1940: 417,000

1941: 457,000

1942: 435,000

1943: 512,000

1944: 610,351

1945: 603,414

1946: 499,058

REMARKS: Production began October 1, 1936.

**KELLER AND BUSH**

R. F. D., Sandborn

**Bush Mine**

LOCATION: Jefferson township

SHIPPING POINT: Midland by C. I. & L. RR

KIND OF OPENING: Drift

SEAM: No. 6

DAILY CAPACITY: Under 50 tons

**\*LINTON SUMMIT COAL COMPANY, INC.**

19 S. 6th St., Terre Haute

MANAGEMENT: See Greene County

**Regent Mine**

MINE AND TIPPLE LOCATION: T. 7 N., R. 8 W., sec. 4

SHIPPING POINT: Latta by C. M. St. P. & P. RR; Linton by Pennsylvania RR; Sullivan by Illinois Central RR

KIND OF OPENING: Slope

SEAM: No. 6

AVERAGE THICKNESS: 66 in.

EQUIPMENT: Slope conveyor, 6 Goodman cutting machines, 5 Goodman track loading machines

EMPLOYEES: 226

DAILY CAPACITY: 3,000 tons

TIPPLE CAPACITY: 400 tons per hr.

SHIFTS PER DAY: 1

PRODUCTS: Raw-lump and egg, washed screenings, raw and washed 4-in. and 1½-in. lump

PRODUCTION IN TONS:

1945: 19,862

1946: 290,219

REMARKS: Production began November 1, 1945.

**LITTLE BETTY MINING CORPORATION**

Willoughby Tower, Chicago, Ill.

PRES.: R. G. Nunn

VICE PRES.: P. L. Donie

SECY.-TREAS.: H. D. Wright

**Mine No. 3**

LOCATION: T. 8 N., R. 8 W., sec. 12

P. O.: Linton

KIND OF OPENING: Drift

SEAM: No. 6

EQUIPMENT: 4 cutting machines

EMPLOYEES: 190

DAILY CAPACITY: 2,500 tons

PRODUCTS: Mine run

**McCANNON, SAM AND HATFIELD, BILL**

R. R. 3, Sullivan

**MASON, FRANK**

General Delivery, Sullivan

**\*THE MAUMEE COLLIERIES COMPANY**

521 Ohio St., Terre Haute

MANAGEMENT: See Clay County

**Sycamore No. 30 Mine**

LOCATION: T. 7 N., R. 8 W., sec. 17  
 SHIPPING POINT: Latta by C. M. St. P. & P. RR

KIND OF OPENING: Strip

SEAM: No. 4

AVERAGE THICKNESS: 66 in.

EQUIPMENT: 5 W. Monaghan dragline

POWER: Diesel

EMPLOYEES: 70

DAILY CAPACITY: 2,400 tons

SHIFTS PER DAY: 3

PRODUCTS: Furnace lump, egg, stove, nut, screenings

PRODUCTION IN TONS:

1946: 92,032

REMARKS: Production began in August 1946. Processed at Sponsler Tipple.

**MORRIS, OLIVER P.**

Hymera

**Whippoorwill Mine**

LOCATION: Jackson township

KIND OF OPENING: Slope

SEAM: No. 7

**NORTH WILFORD (PARTNERSHIP)**

R. F. D. 1, Shelburn

DIRECTORS: Russell Shumard and Wm. E. Raines

TREAS.: Daniel Goble

**North Wilford Mine**

MINE AND TIPPLE LOCATION: T. 8 N., R. 9 W., sec. 9

KIND OF OPENING: Shaft  
SEAM: No. 6  
EQUIPMENT: Cutting machine, hand loading, steam hoist  
EMPLOYEES: 21  
DAILY CAPACITY: 100 tons  
TIPPLE CAPACITY: 120 tons per hr.  
PRODUCTS: Mine run, egg, nut, stoker  
REMARKS: Former owner—Tip Tipton. Present owner since July 15, 1943.

**SAGER, CHARLES**

663 Linden St., Terre Haute

**Sager Mine**

LOCATION: Jackson township  
KIND OF OPENING: Slope  
SEAM: No. 6  
DAILY CAPACITY: Under 50 tons

**SHERWOOD-TEMPLETON COAL COMPANY**

1016 Merchants Bank Bldg., Indianapolis

PRES.: R. H. Sherwood  
VICE PRES.: B. E. Lundblad  
SECY.: C. N. Templeton  
TREAS.: B. E. Lundblad  
Friar Tuck Mine

P. O.: Box 71, Linton  
LOCATION: T. 8 N., R. 8 W., sec. 16  
TIPPLE: T. 8 N., R. 7 W., sec. 31  
SHIPPING POINT: Latta by C. M. St. P. & P. RR; Midland by C. I. & L. RR  
KIND OF OPENING: Strip  
SEAM: No. 6  
AVERAGE THICKNESS: 54 in.  
EQUIPMENT: 2 Bucyrus-Erie power shovels: 1 17-yd. and 1 5-yd., 1 Bucyrus-Erie 1½-yd. dragline  
POWER: Purchased  
EMPLOYEES: 180  
DAILY CAPACITY: 3,200 tons  
SHIFTS PER DAY: 1  
PRODUCTS: Dried, washed, hand-picked lump  
PRODUCTION IN TONS:  
1940: 456,484<sup>1</sup>  
1941: 649,685<sup>1</sup>  
1942: 893,925<sup>1</sup>  
1943: 1,030,031<sup>1</sup>  
1944: 351,242

<sup>1</sup>Combined production with Robin Hood Mine.**Robin Hood Mine**

P. O.: Box 71, Linton  
LOCATION: T. 8 N., R. 8 W., sec. 16  
TIPPLE: T. 8 N., R. 7 W., sec. 31  
SHIPPING POINT: Latta by C. M. St. P. & P. RR; Midland by C. I. & L. RR  
KIND OF OPENING: Strip  
SEAM: No. 6  
AVERAGE THICKNESS: 63 in.  
EQUIPMENT: 2 Bucyrus-Erie power shovels: 1 17-yd. and 1 5-yd.  
POWER: Purchased  
EMPLOYEES: 60  
DAILY CAPACITY: 2,300 tons  
TIPPLE CAPACITY: 350 tons per hr.  
SHIFTS PER DAY: 3  
PRODUCTS: Dried, washed, hand-picked, lump  
PRODUCTION IN TONS:  
1940-43: See Friar Tuck Mine  
1944: 469,463

**TEMPLETON COAL COMPANY, INC.**

19 S. 6th St., Terre Haute  
PRES.: C. N. Templeton  
VICE PRES.: R. A. Templeton  
SECY.-TREAS.: P. H. Templeton  
Jonay Mine

MINE AND TIPPLE LOCATION: T. 8 N., R. 9 W., sec. 11  
SHIPPING POINT: Latta Yards by C. M. St. P. & P. RR  
KIND OF OPENING: Slope  
SEAM: No. 6  
EMPLOYEES: 10  
PRODUCTION: Began January 28, 1947.

**WEST END COAL COMPANY**

R. R. 1, Shelburn  
MANAGEMENT: Lester Griffith  
West End Mine

LOCATION: Curry township  
SHIPPING POINT: Shelburn by C. & E. I. RR  
DAILY CAPACITY: 100 tons  
PRODUCTS: Lump, mine run, nut, slack  
PRODUCTION IN TONS:  
1944: 18,342

**VERMILLION COUNTY****\*AYRSHIRE COLLIERIES CORPORATION**

105 S. Meridian, Indianapolis  
MANAGEMENT: See Clay County  
Sunspot Mine

P. O.: Box 176, Clinton  
MINE AND TIPPLE LOCATION: T. 14 N., R. 10 W., sec. 13  
SHIPPING POINT: Clinton by C. & E. I. RR; West Clinton by C. M. St. P. & P. RR  
KIND OF OPENING: Strip  
SEAM: No. 7  
AVERAGE THICKNESS: 48 in.  
EQUIPMENT: 2 Marion electric power shovels: 1 350 and 1 37  
POWER: Purchased  
EMPLOYEES: 65  
DAILY CAPACITY: 1,600 tons  
TIPPLE CAPACITY: 300 tons per hr.  
SHIFTS PER DAY: 3  
PRODUCTS: Raw; many sizes  
PRODUCTION IN TONS:  
1940: 155,734  
1941: 146,881  
1942: 246,307  
1943: 235,897  
1944: 259,526  
1945: 156,428  
1946: 147,894  
REMARKS: Former operator Electric Shovel Coal Corporation. Present operator began July 1, 1939.

**BIG OAK COAL COMPANY**

Blanford  
MANAGEMENT: Andrew Marcinko  
Big Oak Mine

LOCATION: Clinton township  
SHIPPING POINT: West Clinton by C. M. St. P. & P. RR  
KIND OF OPENING: Slope  
SEAM: No. 5  
DAILY CAPACITY: 250 tons

**INDIANA MINING COMPANY**

Newport

**Newport Mine**

LOCATION: Vermillion township  
KIND OF OPENING: Shaft  
SEAM: Minshall  
DAILY CAPACITY: 300 tons

**NEWPORT MINING COMPANY**

Newport

EMPLOYEES: 8-25

**NORTH WEST COAL CORPORATION**

Blanford

PRES.: John Vrabie  
VICE PRES.: Serafine Bonacorsi  
SECY.: Carl C. Vrabie  
TREAS.: Pete Pelich  
North West Mine

MINE AND TIPPLE LOCATION: T. 14 N., R. 10 W., sec. 3  
SHIPPING POINT: Tipple by trucks  
KIND OF OPENING: Shaft  
SEAM: No. 5  
EQUIPMENT: 4 cutting machines, steam hoist  
POWER: Generate own  
DAILY CAPACITY: 300 tons  
TIPPLE CAPACITY: 45 tons per hr.  
PRODUCTS: Lump, egg, nut, stoker, screenings

**S. AND O. COAL COMPANY**

Clinton

SHIPPING POINT: Clinton by C. M. St. P. & P. RR  
KIND OF OPENING: Strip  
SEAM: No. 6  
PRODUCTS: Mine run  
REMARKS: Production began October 10, 1944.

**STANDARD MATERIALS CORPORATION**

Box 5711, Indianapolis

PRES.: C. B. McCown  
SECY.: Alvin C. Johnson  
TREAS.: Thomas Harrold

**Standard No. 1 Mine**

P. O.: Box 92, Clinton  
LOCATION: T. 14 N., R. 9 W., sec. 32  
TIPPLE: T. 14 N., R. 10 W., sec. 2  
SHIPPING POINT: West Clinton by C. M. St. P. & P. RR  
KIND OF OPENING: Strip  
SEAM: No. 7  
AVERAGE THICKNESS: 60 in.  
EQUIPMENT: 1 Monighan 6 W dragline  
POWER: Generated  
EMPLOYEES: 44  
DAILY CAPACITY: 650 tons  
TIPPLE CAPACITY: 200 tons per hr.  
SHIFTS PER DAY: 1  
PRODUCTS: Lump, egg, screenings  
PRODUCTION IN TONS:  
1943: 117,222  
1944: 124,824  
REMARKS: Began production in March 1943.  
Standard No. 2 Mine  
LOCATION: T. 15 N., R. 9 W., sec. 33  
SHIPPING POINT: West Clinton by C. M. St. P. & P. RR

KIND OF OPENING: Strip  
SEAM: No. 7  
DAILY CAPACITY: 500 tons

**SUNLITE COAL COMPANY**

124 Jackson Blvd., Terre Haute

**Sunlite Mine**

LOCATION: Clinton township  
KIND OF OPENING: Strip  
SEAM: No. 5  
DAILY CAPACITY: Under 50 tons

**VIGO COUNTY****BLACK BETTY MINING COMPANY**

237 No. 7th, Clinton

MANAGEMENT: George James  
Black Betty Mine

LOCATION: Fayette township  
SHIPPING POINT: Clinton by C. & E. I. RR  
KIND OF OPENING: Shaft  
SEAM: No. 5  
DAILY CAPACITY: 150 tons

**\*BLACK HAWK COAL CORPORATION**

111 North 7th St., Terre Haute

PRES.: Henry P. Smith  
VICE PRES.: E. N. Smith  
SECY.-TREAS.: E. A. Johnson  
Black Hawk Mine

MINE AND TIPPLE LOCATION: T. 10 N., R. 8 W., sec. 16  
SHIPPING POINT: Black Hawk by C. M. St. P. & P. RR  
KIND OF OPENING: Shaft  
SEAM: No. 5  
AVERAGE THICKNESS: 60 in.  
EQUIPMENT: 9 cutting machines, 10 loading machines, steam hoist  
EMPLOYEES: 290  
DAILY CAPACITY: 2,400 tons  
TIPPLE CAPACITY: 350 tons per hr.  
PRODUCTS: Lump, furnace, washed egg, washed stoker, raw screenings, carbon  
PRODUCTION IN TONS:  
1940: 414,584  
1941: 140,841  
1942: 450,311  
1943: 549,597  
1944: 666,707  
1945: 627,664  
1946: 512,966  
REMARKS: Former operator Miami Coal Company. Present operator began in 1936.

**\*BLEDSOE AND COMPANY, WALTER**

700 Merchants Bank Bldg., Terre Haute

PRES.: Walter A. Bledsoe  
VICE PRES.: W. S. Webster  
Dresser Mine

MINE AND TIPPLE LOCATION: T. 11 N., R. 10 W., sec. 14  
SHIPPING POINT: West Terre Haute by Pennsylvania RR  
KIND OF OPENING: Shaft  
SEAM: No. 5  
AVERAGE THICKNESS: 46 in.  
EQUIPMENT: 12 loading machines, 14 cutting machines



EMPLOYEES: 302  
 DAILY CAPACITY: 2,000 tons  
 TIPPLE CAPACITY: 400 tons per hr.  
 SHIFTS PER DAY: 2  
 PRODUCTS: Raw  
 PRODUCTION IN TONS:  
 1940: 463,106  
 1941: 413,099  
 1942: 409,008  
 1943: 485,934  
 1944: 545,891  
 1945: 488,048  
 1946: 444,849

REMARKS: Present owner began operation December 31, 1936. Coal mined in this mine is used exclusively in the generation of electric power at the Public Service Company of Indiana's Dresser power station.

#### Saxton Mine

LOCATION: T. 13 N., R. 9 W., sec. 34  
 SHIPPING POINT: Terre Haute by C. & E. I. and Pennsylvania RRs  
 KIND OF OPENING: Shaft  
 SEAM: No. 4  
 AVERAGE THICKNESS: 60 in.  
 EQUIPMENT: 9 cutting machines, 9 loading machines

EMPLOYEES: 320  
 DAILY CAPACITY: 3,400 tons  
 TIPPLE CAPACITY: 500 tons per hr.  
 SHIFTS PER DAY: 1 hoist shift; 2 production shifts  
 PRODUCTS: Raw: lump, nut, screenings  
 PRODUCTION IN TONS:  
 1940: 512,759  
 1941: 613,104  
 1942: 716,515  
 1943: 716,839  
 1944: 817,760  
 1945: 771,110  
 1946: 614,653

REMARKS: Former operator Saxton Coal Mining Company. Present operator began production January 1, 1939.

#### DEEP ROCK COAL COMPANY

Seelyville

##### Deep Rock Mine

MINE AND TIPPLE LOCATION: T. 12 N., R. 8 W., sec. 12  
 SHIPPING POINT: Tiptle by trucks  
 KIND OF OPENING: Shaft  
 SEAM: No. 3  
 EQUIPMENT: Hand loading  
 EMPLOYEES: 12  
 PRODUCTS: Mine run  
 PRODUCTION IN TONS:  
 1942: 10,901  
 1943: 14,642  
 1944: 5,628

REMARKS: Owner acquired mine in 1941.

#### FICK BROTHERS COAL COMPANY

719 S. 7th St., Terre Haute

MANAGEMENT: George Fick

##### Andy Mine

LOCATION: Sugar Creek township  
 KIND OF OPENING: Strip  
 SEAM: No. 6

##### Fick Mine

LOCATION: Sugar Creek township  
 KIND OF OPENING: Strip  
 SEAM: No. 6  
 DAILY CAPACITY: 30 tons

#### HAMRICK AND COMPANY

R. R. 1, W. Terre Haute

##### Hamrick Mine

LOCATION: Fayette township  
 KIND OF OPENING: Slope  
 SEAM: No. 6

#### HARKES, WILLIAM

Coal Bluff

##### Eppert Mine

LOCATION: Nevins township  
 KIND OF OPENING: Driift  
 SEAM: No. 3

#### KERNS, HARRY

1454 S. 17th St., Terre Haute

##### Spring Hill Mine

LOCATION: Honey Creek township  
 KIND OF OPENING: Shaft  
 SEAM: No. 5  
 DAILY CAPACITY: 250 tons

#### \*LONE STAR COAL COMPANY, INC.

Hawkins Building, Brazil

MANAGEMENT: See Clay County

##### Royal Splint Mine

LOCATION: T. 13 N., R. 7 W., secs. 17 and 18

TIPPLE: T. 13 N., R. 7 W., sec. 18  
 SHIPPING POINT: Fontañet by New York Central RR

KIND OF OPENING: Strip  
 SEAM: No. 3  
 AVERAGE THICKNESS: 72 in.  
 EQUIPMENT: 1 Marion 450 power shovel, 1 Bucyrus-Monighan 5 W dragline  
 EMPLOYEES: 29  
 DAILY CAPACITY: 493 tons  
 TIPPLE CAPACITY: 125 tons per hr.  
 SHIFTS PER DAY: Tiptle—1 shift 5 days per week; Uncovering overburden—3 shifts 7 days per week

PRODUCTS: Several sizes  
 PRODUCTION IN TONS:

1940: 53,427  
 1941: 39,153  
 1942: 64,365  
 1943: 70,490  
 1944: 83,075  
 1945: 85,540  
 1946: 71,533

#### \*THE MAUMEE COLLIERIES COMPANY

521 Ohio St., Terre Haute

MANAGEMENT: See Clay County

##### Chieftain No. 20 Mine

LOCATION: T. 10 N., R. 8 W., sec. 15  
 TIPPLE: T. 11 N., R. 8 W., sec. 32  
 SHIPPING POINT: Keller by C. M. St. P. & P. RR

KIND OF OPENING: Strip  
 SEAM: No. 5  
 AVERAGE THICKNESS: 42 in.  
 EQUIPMENT: Marion 5480 electric shovel  
 EMPLOYEES: 125  
 DAILY CAPACITY: 3,500 tons  
 TIPPLE CAPACITY: 500 tons per hr.  
 SHIFTS PER DAY: 3  
 PRODUCTS: Furnace lump, egg, stove, dedusted screenings, mesh screenings, carbon, 10 mesh dust

#### PRODUCTION IN TONS:

1940: 674,740  
 1941: 530,332  
 1942: 632,918  
 1943: 515,857  
 1944: 651,132  
 1945: 710,044  
 1946: 439,975

#### MT. PLEASANT MINING CORPORATION

R. F. D. 3, Terre Haute

PRES.: Charles Lawson  
 VICE PRES.: T. W. Gregory  
 SECY.: Haskell Brown  
 TREAS.: Raymond Tryon

##### Mt. Pleasant Mine

MINE AND TIPPLE LOCATION: T. 11 N., R. 9 W., sec. 12

SHIPPING POINT: Tiptle by trucks  
 KIND OF OPENING: Shaft  
 SEAM: No. 5

AVERAGE THICKNESS: 66 in.  
 EQUIPMENT: 1 cutting machine, steam hoist, hand loading

POWER: Purchased  
 EMPLOYEES: 35  
 DAILY CAPACITY: 300 tons  
 TIPPLE CAPACITY: 75 tons per hr.  
 PRODUCTS: Lump

#### PRODUCTION IN TONS:

1942: 47,955  
 1943: 57,449  
 1944: 55,634

REMARKS: Mine acquired in August 1939.

#### NORTH TERRE HAUTE COAL COMPANY

R. R. 6, Box 603, Terre Haute

##### North Terre Haute Mine

LOCATION: Otter Creek township  
 SHIPPING POINT: Terre Haute by C. & E. I. RR  
 KIND OF OPENING: Shaft  
 SEAM: No. 3  
 DAILY CAPACITY: 40 tons

#### OAK GROVE COAL COMPANY

R. R. 7, Box 106, Terre Haute

MANAGEMENT: Alfred V. Jones

##### Oak Grove Mine

LOCATION: Honey Creek township  
 KIND OF OPENING: Shaft  
 SEAM: No. 5

#### \*PYRAMID COAL CORPORATION

Box 1140, Terre Haute

PRES.: Hubert E. Howard  
 VICE PRES.: R. E. Snoberger  
 SECY.: G. A. Merchant

##### Victory Mine

MINE AND TIPPLE LOCATION: T. 12 N., R. 8 W., sec. 26

SHIPPING POINT: Brazil by Pennsylvania RR

KIND OF OPENING: Slope  
 SEAM: No. 3  
 AVERAGE THICKNESS: 72 in.  
 EQUIPMENT: 10 loading machines, belt conveyor

EMPLOYEES: 500  
 DAILY CAPACITY: 7,000 tons  
 TIPPLE CAPACITY: 500 tons per hr.  
 SHIFTS PER DAY: 2

PRODUCTS: Raw: washed and dried  
 PRODUCTION IN TONS:

1943: 482,454  
 1944: 964,938  
 1945: 783,978  
 1946: 689,701

REMARKS: Started production March 27, 1943.

#### \*RIO GRANDE COAL CORPORATION

R. R. 1, Brazil

PRES.: J. B. Marshon  
 VICE PRES.: J. F. Marshon  
 SECY.: Charles Bucholz  
 TREAS.: Clarence Thomas

##### Rio Grande No. 2 Mine

MINE AND TIPPLE LOCATION: T. 13 N., R. 7 W., sec. 17

SHIPPING POINT: Tiptle by trucks  
 KIND OF OPENING: Shaft  
 SEAM: Minshall

AVERAGE THICKNESS: 54 in.  
 EQUIPMENT: 3 cutting machines, loading machine

EMPLOYEES: 28  
 DAILY CAPACITY: 500 tons  
 TIPPLE CAPACITY: 80 tons per hr.  
 SHIFTS PER DAY: 2  
 PRODUCTS: Stoker, egg, lump

#### PRODUCTION IN TONS:

1944: 65,000  
 1945: 79,900  
 1946: 39,000

REMARKS: Production began in 1937.

#### \*SISTERS OF PROVIDENCE

St. Marys of the Woods College, St. Marys of the Woods

PRES.: Mother Mary Bernard  
 SECY.: Sister Marie Helene  
 TREAS.: Sister Frances Raphael

##### St. Marys Mine

MINE AND TIPPLE LOCATION: T. 12 N., R. 9 W., sec. 6

KIND OF OPENING: Shaft  
 SEAM: No. 5

AVERAGE THICKNESS: 50 in.  
 EQUIPMENT: Hand loading  
 POWER: Electric

EMPLOYEES: 10  
 DAILY CAPACITY: 50 tons  
 TIPPLE CAPACITY: 10 tons per hr.  
 SHIFTS PER DAY: 1  
 PRODUCTION IN TONS:

1941: 13,299  
 1942: 13,078  
 1943: 13,533  
 1944: 13,275  
 1945: 14,863  
 1946: 13,655

#### SPRING HILL MINE

1454 S. 17th St., Terre Haute

#### TRIANGLE COAL AND CLAY CORPORATION

R. F. D. 1, West Terre Haute

MANAGEMENT: Victor Meckstroth

##### Triangle Mine

SHIPPING POINT: New Goshen by C. & E. I. RR

KIND OF OPENING: Strip  
 SEAM: No. 6

**WALNUT HILL COAL COMPANY**

R. F. D. 1, West Terre Haute  
MANAGEMENT: Jud Hankins  
Walnut Hill Mine  
LOCATION: Fayette township  
KIND OF OPENING: Shaft  
SEAM: No. 5  
DAILY CAPACITY: Under 50 tons

**WAUTELET, LOUIS**

325 Paris Avenue, West Terre Haute  
Wautelet Mine  
LOCATION: Sugar Creek township  
KIND OF OPENING: Shaft  
SEAM: No. 6  
DAILY CAPACITY: Under 50 tons

**WARRICK COUNTY****BIG CREEK COAL COMPANY**

Box 192, Boonville  
Big Creek Mine  
MINE AND TIPPLE LOCATION: T. 4 S.,  
R. 8 W., sec. 13  
SHIPPING POINT: Richards Siding, Buck-  
skin by New York Central RR  
KIND OF OPENING: Strip  
SEAM: No. 5  
DAILY CAPACITY: 1,400 tons  
TIPPLE CAPACITY: 200 tons per hr.  
EMPLOYEES: 55  
PRODUCTS: 1¼-in. screenings, 4-in. lump,  
egg, carbon

**BLACK DIAMOND MINING  
COMPANY**

Box 142, Boonville  
MANAGEMENT: See Clay County  
Black Diamond Mine  
LOCATION: Ohio township  
SHIPPING POINT: Boonville by Southern  
RR  
KIND OF OPENING: Shaft  
SEAM: No. 5  
EMPLOYEES: 25-50  
DAILY CAPACITY: 80 tons  
PRODUCTS: Mine run

**GAY MINING CORPORATION**

1345 E. Indiana St., Evansville  
Gay Mine  
MINE AND TIPPLE LOCATION: T. 6 S.,  
R. 9 W., sec. 29  
SHIPPING POINT: Tiptle by trucks  
KIND OF OPENING: Shaft  
SEAM: No. 5  
EQUIPMENT: Steam hoist, hand loading  
EMPLOYEES: 140  
DAILY CAPACITY: 100 tons  
PRODUCTS: Lump, raw, stoker, pea, screen-  
ings  
PRODUCTION IN TONS:  
1944: 12,720  
REMARKS: Produced 7 months in 1944.

**HILL CREST COAL COMPANY**

Box 142, Boonville  
MANAGEMENT: H. M. McClary and Charles  
Fillman  
Hill Crest Mine  
LOCATION: Boone township

SHIPPING POINT: Boonville by Southern  
RR  
KIND OF OPENING: Shaft  
SEAM: No. 5  
AVERAGE THICKNESS: 50 in.  
EMPLOYEES: 25-50  
DAILY CAPACITY: 60 tons

**HOUSTON COAL COMPANY**

824 N. 4th St., Boonville  
Houston Mine  
LOCATION: Boone township  
KIND OF OPENING: Shaft  
SEAM: No. 5  
EMPLOYEES: 8-25  
DAILY CAPACITY: 50 tons  
PRODUCTS: Mine run

**HULL AND COX**

R. R. 6, Boonville  
Hull and Cox Mine  
LOCATION: Owen township  
KIND OF OPENING: Strip  
SEAM: No. 5  
DAILY CAPACITY: 100 tons

**\*INGLE COAL CORPORATION**

Elberfeld  
PRES.: David Ingle  
VICE PRES.: W. D. Ingle  
SECY.-TREAS.: K. R. Ingle  
Ditney Hill Mine  
MINE AND TIPPLE LOCATION: T. 4 S.,  
R. 9 W., sec. 32  
SHIPPING POINT: Elberfeld by New York  
Central RR  
KIND OF OPENING: Slope  
SEAM: No. 7  
AVERAGE THICKNESS: 96 in.  
EQUIPMENT: 6 cutting machines, 6 load-  
ing machines, belt conveyor, Stump Air-  
Flow cleaner for ¾-in. coal  
EMPLOYEES: 300  
DAILY CAPACITY: 4,000 tons  
TIPPLE CAPACITY: 300 tons per hr.  
SHIFTS PER DAY: 2 production; 1 main-  
tenance  
PRODUCTS: Many sizes  
PRODUCTION IN TONS:  
1940: 31,028  
1941: 419,824  
1942: 706,126  
1943: 751,692  
1944: 933,719  
1945: 818,531 (30 days loss by strike)  
1946: 711,091 (63 days loss by strike)  
REMARKS: Formerly Ingle Coal Company.  
Present operator began July 1, 1942. Hydro  
Separator to be installed in 1947 for 6 x  
¾ coal.

**\*LUCKY STRIKE MINING  
COMPANY, INC.**

Boonville  
PRES.: R. H. Manny  
VICE PRES.: W. H. Fisher  
SECY.-TREAS.: H. E. Bickel  
GEN. MGR.: Wm. Upman  
Lucky Strike Mine  
LOCATION: T. 5 S., R. 7 W., sec. 14  
SHIPPING POINT: Boonville by Southern  
RR  
KIND OF OPENING: Strip  
SEAM: No. 5

EQUIPMENT: 3-yd. and 2¼-yd. draglines,  
1¼-yd. shovel  
EMPLOYEES: 45  
DAILY CAPACITY: 750 tons  
TIPPLE CAPACITY: 100 tons per hr.  
SHIFTS PER DAY: 2-3  
PRODUCTION IN TONS:  
1942: 77,793  
1943: 76,970  
1944: 116,217  
REMARKS: Formerly Lucky Strike Coal  
Company, operated by Frank J. Jones.  
Present operator began April 1, 1946.

**MT. NEBO COAL COMPANY**

R. R. 4, Boonville  
Mt. Nebo Mine  
LOCATION: Anderson township  
KIND OF OPENING: Shaft  
SEAM: No. 5  
DAILY CAPACITY: 30 tons

**NIXON, EZRA**

R. R. 2, Stendal  
Nixon Mine  
LOCATION: Lane township  
KIND OF OPENING: Strip  
SEAM: No. 5  
DAILY CAPACITY: 4 tons

**QUALITY MINING COMPANY**

Boonville  
EMPLOYEES: 25-50  
PRODUCTS: Mine run

**\*ROSE HILL MINING COMPANY,  
INC.**

Box 103, Newburgh  
PRES.: John W. Libbert  
SECY.-TREAS.: C. T. Freels  
Libbert Mine  
MINE AND TIPPLE LOCATION: T. 6 S.,  
R. 9 W., sec. 34  
SHIPPING POINT: Tiptle by trucks  
KIND OF OPENING: Shaft  
SEAM: No. 5  
AVERAGE THICKNESS: 52 in.  
EQUIPMENT: Steam hoist, hand loading  
POWER: Purchased  
EMPLOYEES: 12-20  
DAILY CAPACITY: 125-150 tons  
TIPPLE CAPACITY: 15 tons per hr.  
PRODUCTS: Stoker, nut, lump, mine run  
PRODUCTION IN TONS:  
1943: 16,834  
1944: 14,011  
1945: 16,075  
1946: 15,594  
REMARKS: Formerly Libbert Mining Com-  
pany. Present operator began in Septem-  
ber 1940.

**RUDOLPH COAL COMPANY**

802 S. 3rd St., Boonville  
Big Four Mine  
LOCATION: Boone township  
SHIPPING POINT: Boonville by Southern  
RR  
KIND OF OPENING: Shaft  
SEAM: No. 5  
DAILY CAPACITY: 60 tons

New Era Mine  
LOCATION: Boone township  
KIND OF OPENING: Shaft  
SEAM: No. 5  
PRODUCTS: Mine run  
DAILY CAPACITY: 40 tons

Purity Mine  
LOCATION: Ohio township  
SHIPPING POINT: Chandler by Southern  
RR  
KIND OF OPENING: Shaft  
SEAM: No. 5  
DAILY CAPACITY: 100 tons

**SHADE, A. F.**

608 N. 3rd St., Boonville  
Shade Mine  
LOCATION: Boone township  
SHIPPING POINT: Boonville by Southern  
RR  
KIND OF OPENING: Slope  
SEAM: No. 5  
DAILY CAPACITY: Under 50 tons

**SHAW MINING COMPANY**

Box 268, Boonville  
Decker Mine  
LOCATION: Boone township  
SHIPPING POINT: Boonville by Southern  
RR  
KIND OF OPENING: Slope  
SEAM: No. 5  
DAILY CAPACITY: 40 tons  
Phillips Mine  
SHIPPING POINT: Boonville by Southern  
RR  
KIND OF OPENING: Shaft  
SEAM: No. 5  
EQUIPMENT: Steam hoist, 1 cutting ma-  
chine  
POWER: Own generator  
EMPLOYEES: 18  
DAILY CAPACITY: 150 tons  
TIPPLE CAPACITY: 25 tons per hr.  
PRODUCTS: Lump, mine run, stoker, car-  
bon  
PRODUCTION IN TONS:  
1943: 24,502  
1944: 33,755  
REMARKS: Until January 1943 named  
Houston Mining Company.

**SQUARE DEAL COAL COMPANY**

411 E. Locust St., Boonville  
PRES.: John W. Hart  
VICE PRES.: Floyd Gourley  
SECY.: Earl Rice  
TREAS.: Ralph Yoakum  
Square Deal Mine  
MINE AND TIPPLE LOCATION: T. 5 S.,  
R. 8 W., sec. 14  
SHIPPING POINT: Tiptle by trucks  
KIND OF OPENING: Shaft  
SEAM: No. 5  
EQUIPMENT: Hand loading, 1 cutting ma-  
chine, 1 steam hoist  
POWER: Purchased  
EMPLOYEES: 7  
PRODUCTS: Raw  
PRODUCTION IN TONS:  
1944: 2,026  
REMARKS: Before November 13, 1944 oper-  
ator was Julian Coal Company.

**STERNBERG COAL CORPORATION**

Boonville

PRES.: S. T. Kennedy  
VICE PRES.: Eugene Tucker  
TREAS.: Fred M. Myers**Star Hill Mine No. 1**

SHIPPING POINT: Boonville by E. S. &amp; N. RR

KIND OF OPENING: Strip

SEAM: No. 5

AVERAGE THICKNESS: 84 in.

POWER: Purchased

EMPLOYEES: 55

DAILY CAPACITY: 1,200 tons

**Star Hill Mine No. 2**

SHIPPING POINT: Chandler by E. S. &amp; N. and Southern RRs

KIND OF OPENING: Strip

SEAM: No. 5

EMPLOYEES: 50-100

PRODUCTION IN TONS:

1944: 259,320

**SUNLIGHT COAL COMPANY**

310 S. Michigan Ave., Chicago 4, Illinois

PRES.: T. C. Mullins  
GEN. MGR.: H. S. Richards**Sunlight No. 11 Mine**

LOCATION: Boone township

SHIPPING POINT: Boonville by Southern RR

KIND OF OPENING: Strip

SEAM: No. 5

AVERAGE THICKNESS: 60 in.

EMPLOYEES: 275

DAILY CAPACITY: 4,500 tons

PRODUCTS: Mine, steam and domestic coal

PRODUCTION IN TONS:

1944: 1,604,303

1945: 1,435,645

**TECUMSEH COAL CORPORATION**

310 S. Michigan Ave., Chicago 4, Illinois

PRES.: T. C. Mullins  
GEN. MGR.: H. S. Richards**Tecumseh Mine**

LOCATION: Land and Owen townships

SHIPPING POINT: Tecumseh by New York Central and C. C. C. &amp; St. L. RRs

KIND OF OPENING: Strip

SEAM: No. 5

AVERAGE THICKNESS: 60 in.

POWER: Purchased

EMPLOYEES: 250-500

DAILY CAPACITY: 4,000 tons

PRODUCTS: Mine run

PRODUCTION IN TONS:

1944: 1,238,680

1945: 1,080,726

**\*TENNESSEE VALLEY COAL COMPANY**

617 State Life Bldg., Indianapolis

PRES.: George E. Dickinson  
GEN. MGR.: H. C. Young**Red Arrow Mine**

LOCATION: T. 3 S., R. 8 W., sec. 36

SHIPPING POINT: Buckskin by New York Central RR

KIND OF OPENING: Strip

SEAM: No. 6

AVERAGE THICKNESS: 24 in.

EQUIPMENT: No. 8 2¼-yd. dragline, No.

362 1½-yd. shovel, D-8 Cat dozer

DAILY CAPACITY: 500 tons

SHIFTS PER DAY: 3 stripping and 1 loading

PRODUCTS: Lump, egg

REMARKS: Started production in January 1947.

**THE THREE COAL COMPANY**

216 Centennial Ave., Boonville

**Three Coal Mine**

LOCATION: Boone township

KIND OF OPENING: Shaft

SEAM: No. 5

EMPLOYEES: 50

DAILY CAPACITY: 1,000 tons

PRODUCTION: Began in January 1946.

**\*WASSON COAL MINING CORPORATION, L. G.**

Box 192, Boonville

PRES.: Louis G. Wasson

**Big Creek Mine No. 1**

LOCATION: T. 4 S., R. 8 W., sec. 13

SHIPPING POINT: Tecumseh by New York Central RR

SUPT.: Ival Lane

KIND OF OPENING: Strip

SEAM: No. 5

AVERAGE THICKNESS: 40 in.

EQUIPMENT: 2 3-yd. draglines, 2 2½-yd.

shovels

POWER: Diesel

DAILY CAPACITY: 1,500-1,800 tons

SHIFTS PER DAY: 1 production shift; 3

shifts of stripping

PRODUCTS: 1½-in screenings, 4 x 1¼ egg,

and 8 x 4 lump

PRODUCTION IN TONS:

1946: 156,313

REMARKS: Production began March 1, 1946.

**WHEELER CREEK COAL COMPANY**

Dale

**Wheeler Creek Mine**

SHIPPING POINT: Dale by Southern RR

SEAM: No. 5

EMPLOYEES: Under 8

**CONCRETE PRODUCTS****ALLEN COUNTY****\*MAY CONCRETE PRODUCTS, INC.**

Sand Point Road, Fort Wayne

PRES.: William May

SUPT.: Carl R. Carlson

QUARRY LOCATION: T. 30 N., R. 12 E., sec. 29

AGGREGATE USED: Limestone, sand, way-lite

PRODUCTS: Concrete products, septic tanks, gravel

EMPLOYEES: 12

PRODUCTION IN UNITS:

1941: 850,000

1942: 300,000

1943: 250,000

1944: 200,000

1945: 200,000

1946: 500,000

**BARTHOLOMEW COUNTY****BURNSIDE COMPANY, INC.,**

E. &amp; T.

R. F. D. 7, Columbus

MGR.: Tull Burnside

REMARKS: See Sand and Gravel

**CLARK COUNTY****INGRAM SAND AND GRAVEL COMPANY**

Jeffersonville

REMARKS: See Sand and Gravel

**SAME GRAVEL COMPANY, YODER**

2520 Lincoln Drive, Jeffersonville

REMARKS: See Sand and Gravel

**CLINTON COUNTY****FRANKFORT TRANSIT MIX CONCRETE**

Frankfort

REMARKS: See Sand and Gravel

**DEARBORN COUNTY****DEARBORN GRAVEL COMPANY**

R. F. D. 1, Lawrenceburg

REMARKS: See Sand and Gravel

**DELAWARE COUNTY****FULLHART SAND AND GRAVEL**

Muncie

REMARKS: See Sand and Gravel

**MUNCIE WASHED SAND AND GRAVEL COMPANY**

Muncie

REMARKS: See Sand and Gravel

**PARK SAND, GRAVEL, AND READY MIX CONCRETE**

Box 247, R. R. 3, Muncie

REMARKS: See Sand and Gravel

**ELKHART COUNTY****DEAL GRAVEL COMPANY**

21st St. and Beardsley Ave., Elkhart

REMARKS: See Sand and Gravel

**GOSHEN SAND AND GRAVEL COMPANY**

R. F. D. 2, Elkhart

REMARKS: See Sand and Gravel

**LINTON SAND AND GRAVEL COMPANY**

R. F. D. 3, Elkhart

REMARKS: See Sand and Gravel

**WHITE CONCRETE PRODUCTS COMPANY**

Elkhart

PRES.: Leroy White

PRODUCTS: Sand, gravel, concrete blocks

EMPLOYEES: 8-25

**YODER'S READY MIXED CONCRETE COMPANY**

Elkhart

PARTNER: M. C. Yoder

PRODUCTS: Ready mixed concrete

EMPLOYEES: Under 8

**FAYETTE COUNTY****CONNERSVILLE GRAVEL COMPANY, INC.**

Connerville

REMARKS: See Sand and Gravel

**FLOYD COUNTY****NEW ALBANY READY-MIX CONCRETE, INC.**

New Albany

PRES.: Will R. Sostheim

PRODUCTS: Ready-mixed concrete

EMPLOYEES: 25-50

**GRANT COUNTY****MARION CONCRETE BLOCK AND GRAVEL COMPANY**

R. F. D. 5, Bond Road, Marion

REMARKS: See Sand and Gravel

**GREENE COUNTY****CONCRETE SILO COMPANY**

Bloomfield

REMARKS: See Sand and Gravel

**HANCOCK COUNTY**  
**IRVING SAND AND GRAVEL**  
 Greenfield  
 MGR.: C. C. Irving  
 PRODUCTS: Ready mixed concrete  
 EMPLOYEES: Under 8

**JAY COUNTY**  
**ROCKLEDGE PRODUCTS**  
**COMPANY**  
 R. F. D. 5, Portland  
 REMARKS: See Limestone—Agricultural and  
 Crushed

**KNOX COUNTY**  
**VINCENNES GRAVEL**  
**COMPANY, INC.**  
 Lawrenceville, Illinois  
 INDIANA OFFICE: Vincennes  
 REMARKS: See Sand and Gravel

**LA PORTE COUNTY**  
**ROCK ROAD CONSTRUCTION**  
**COMPANY**  
 5915 N. Rogers Ave., Chicago 30, Illinois  
 MANAGEMENT: Wm. Nanini, Leo Van  
 Elin, George Vildriks  
 Michigan City Plant  
 PRODUCTS: Hot-coated paving materials  
 and cold-coated paving materials  
 HOURLY CAPACITY: Hot: 80 cu. yds.;  
 Cold: 80 cu. yds.  
 REMARKS: See Tippecanoe County

**MADISON COUNTY**  
**ELWOOD READY MIX**  
**COMPANY**  
 Elwood  
 OWNER: Robert Carter  
 PRODUCTS: Ready-mix concrete, concrete  
 blocks, lightweight block, masonry sup-  
 plies  
 EMPLOYEES: 8-25

**STINER GRAVEL COMPANY**  
 Anderson  
 REMARKS: See Sand and Gravel

**WRIGHT CEMENT WORKS**  
 Elwood  
 REMARKS: See Sand and Gravel

**MARION COUNTY**  
**HESTON CERTIFIED CONCRETE**  
**COMPANY**  
 1702 S. Reiser, Indianapolis 30  
 MANAGEMENT: H. A. Shumaker, Farrell  
 F. Tolen (Supt.)  
 PRODUCTS: Concrete, lime putty  
 EMPLOYEES: 25-50

**BUILDERS SAND AND GRAVEL**  
**COMPANY**  
 73rd St. and Keystone Ave., Indianapolis  
 REMARKS: See Sand and Gravel

**MONROE COUNTY**  
**READY-MIX CONCRETE**  
**COMPANY**  
 Bloomington  
 REMARKS: See Sand and Gravel

**RANDOLPH COUNTY**  
**UNION SAND AND GRAVEL**  
**COMPANY**  
 120 Elm, Union City  
 MANAGEMENT: Ralph D. Hart, Joe Hasel-  
 mire  
 PRODUCTS: Ready-mixed concrete  
 REMARKS: Plants also at Winchester (See  
 Sand and Gravel—Randolph County) and  
 Greenville, Ohio

**RUSH COUNTY**  
**McCORKLE STONE COMPANY**  
 Milroy  
 MANAGEMENT: K. U. McCorkle  
 QUARRY AND PLANT LOCATION: T. 12  
 N., R. 9 E., NW $\frac{1}{4}$ NW $\frac{1}{4}$  sec. 17  
 AGGREGATE USED: 1 part sand (pur-  
 chased at Shelbyville) and 8-10 parts  
 crushed dolomite (screened to  $\frac{3}{16}$ -inch) from  
 the quarry  
 GEOLOGIC FORMATION: Geneva dolomite  
 EMPLOYEES: 3  
 WEEKLY PRODUCTION: 50,000 cement  
 bricks  
 REMARKS: See Limestone—Agricultural and  
 Crushed

**PITTS, CARROL**  
 R. F. D. 1, Manilla  
 REMARKS: See Sand and Gravel

**ST. JOSEPH COUNTY**  
**\*CONCRETE PRODUCTS**  
**CORPORATION**  
 2100 E. Ewing Ave., South Bend  
 PRES.: P. E. Bohm  
 QUARRY AND PLANT LOCATION: Penn  
 township  
 SHIPPING POINT: South Bend and Misha-  
 waka by New York Central RR  
 AGGREGATE USED: Sand and gravel  
 AGGREGATE PURCHASED: Lightweight  
 slag (Waylite) from East Chicago  
 EQUIPMENT: Dragline and crane  
 PRODUCTS: Heavy and lightweight concrete  
 blocks  
 EMPLOYEES: 8-25  
 DAILY CAPACITY: 5,000-8 x 8 x 16 units  
 PRODUCTION IN UNITS:  
 1943: 548,000  
 1944: 530,000  
 1945: 800,000  
 1946: 1,058,000

**\*KUERT CONCRETE, INC.**  
 3113 Lincoln Way East, South Bend  
 PRES.: David C. Hay  
 SECY.-TREAS.: F. R. Morrow  
 QUARRY LOCATION: T. 37 N., R. 2 E.,  
 sec. 3  
 SHIPPING POINT: South Bend by South  
 Shore RR  
 AGGREGATE USED: Sand and gravel  
 PRODUCTS: Ready-mixed concrete  
 DAILY CAPACITY: 400 cu. yds.

**\*MISHAWAKA BRICK AND**  
**BLOCK, INC.**  
 East Jefferson Road, Mishawaka  
 VICE PRES.: Frank C. Perkins  
 QUARRY AND PLANT LOCATION: T. 37  
 N., R. 3 E., sec. 11  
 SHIPPING POINT: Mishawaka by New  
 York Central RR  
 POSITION OF DEPOSIT: Surface to 30 ft.  
 below  
 AGGREGATE USED: Sand  
 EQUIPMENT: 6-in. hydraulic dredge  
 PRODUCTS: Sand-lime brick and block  
 EMPLOYEES: 14  
 DAILY CAPACITY: 20,000 bricks  
 PRODUCTION IN BRICKS:  
 1942: 2,386,680  
 1943-44: None  
 1945: 1,000,000  
 1946: 3,337,490

**NORTHERN INDIANA BRICK**  
**COMPANY**  
 Mishawaka  
 MGR.: Wm. F. C. Dall  
 PRODUCTS: Sand-lime brick  
 EMPLOYEES: 8-25

**SHELBY COUNTY**  
**BURNSIDE, E. T.**  
 R. F. D. 2, Shelbyville  
 REMARKS: See Sand and Gravel

**TIPPECANOE COUNTY**  
**ROCK ROAD CONSTRUCTION**  
**COMPANY**  
 5915 N. Rogers Ave., Chicago 30, Illinois  
 MANAGEMENT: Wm. Nanini, Vince Lupori  
 (Plant Supt.)  
 Lafayette Branch  
 PRODUCTS: Hot- and cold-coated paving  
 materials  
 HOURLY CAPACITY: Hot: 60 cu. yds.;  
 Cold: 60 cu. yds.  
 REMARKS: See LaPorte County

**VIGO COUNTY**  
**MONNINGER SAND, GRAVEL,**  
**AND CONCRETE PRODUCTS**  
**COMPANY**  
 7th St. and Lost Creek, Terre Haute  
 REMARKS: See Sand and Gravel

**WAYNE COUNTY**  
**DeBOLT CONCRETE COMPANY,**  
**C. G.**  
 19th and J Sts., Richmond  
 GEN. SUPT.: Ronald Williams  
 ENG.: C. G. DeBolt  
 PRODUCTS: Ready-mix concrete

## L I M E S T O N E

### Agricultural and Crushed

#### ADAMS COUNTY

##### \*KARCH COMPANY, JOHN W. Celina, Ohio

PLANT MGR.: John C. Sink  
P. O.: R. F. D. 1, Bryant  
QUARRY AND PLANT LOCATION: T. 25  
N., R. 15 E., sec. 31  
SHIPPING POINT: Plant by trucks  
GEOLOGIC FORMATION: Huntington do-  
lomite

THICKNESS OF DEPOSIT: 25 ft.  
THICKNESS OF OVERBURDEN: 36-72 in.  
EQUIPMENT: 1¼- and 1-yd. gasoline  
shovels; 7½ Primary 3-in. shorthead Si-  
mons

POWER: Electric and diesel  
EMPLOYEES: 14  
DAILY CAPACITY: 500 tons  
PRODUCTS: Agricultural lime and crushed  
stone

##### PRODUCTION IN TONS:

1940: 39,997  
1941: 37,814  
1942: 42,225  
1943: 56,194  
1944: 66,831  
1945: 60,119  
1946: 75,021

REMARKS: All sizes produced to meet In-  
diana State specifications. Main produc-  
tion is material for black-top road work  
and agricultural lime.

##### \*MESHBERGER BROTHERS STONE COMPANY

Linn Grove  
PRES., GEN. MGR.: Oscar Meshberger  
Linn Grove Plant

QUARRY AND PLANT LOCATION: T. 26  
N., R. 13 E., sec. 33  
SHIPPING POINT: Plant by trucks  
GEOLOGIC FORMATION: Huntington do-  
lomite

THICKNESS OF DEPOSIT: 23 ft.  
THICKNESS OF OVERBURDEN: 36-72 in.  
EQUIPMENT: 2 1¼-yd. Loraine gasoline  
shovels, 2 caterpillar tractors; principal  
crusher—20-in.

POWER: Electric  
EMPLOYEES: 25  
DAILY CAPACITY: 750 tons  
PRODUCTS: Agricultural lime and crushed  
stone

PRODUCTION: Averaged 50,000 tons per  
year from 1940-46

##### Pleasant Mills Plant

QUARRY AND PLANT LOCATION: T. 26  
N., R. 15 E., sec. 4  
SHIPPING POINT: Plant by trucks  
SUPT.: Hugh Reynolds  
GEOLOGIC FORMATION: Huntington do-  
lomite

THICKNESS OF DEPOSIT: 20 ft.  
THICKNESS OF OVERBURDEN: 72 in.  
EQUIPMENT: 1¼-yd. gasoline shovel, 2  
cone crushers, the primary of which is 16-in.

POWER: Electric  
EMPLOYEES: 9  
DAILY CAPACITY: 1,300 tons  
PRODUCTS: Agricultural lime and crushed  
stone

PRODUCTION: Averaged 70,000 tons per  
year from 1940-46

#### BARTHOLOMEW COUNTY

##### MESHBERGER BROTHERS STONE COMPANY

Linn Grove  
GEOLOGIC FORMATION: Beechwood and  
Jeffersonville limestones

#### BLACKFORD COUNTY

##### \*MONTPELIER STONE COMPANY

Montpelier  
OWNER AND MGR.: Murhl R. Smith  
QUARRY AND PLANT LOCATION: T. 24  
N., R. 11 E., sec. 3  
GEOLOGIC FORMATION: Reef in Liston  
Creek limestone

THICKNESS OF DEPOSIT: 29 ft.  
THICKNESS OF OVERBURDEN: 60 in.  
EQUIPMENT: 1¼-yd. diesel shovel, 18 x  
36-in. primary jaw crusher and secondary  
gyratory crusher

EMPLOYEES: 8  
PRODUCTS: Crushed stone and agricultural  
lime

#### CARROLL COUNTY

##### \*STUNTZ-YOEMAN COMPANY, INC.

Delphi  
PRES.: E. F. Stuntz  
VICE PRES.: J. C. Stuntz  
SECY.: D. A. Yoeman  
TREAS.: E. L. Heckathorn  
QUARRY AND PLANT LOCATION: T. 25  
N., R. 2 W., sec. 19  
SHIPPING POINT: Plant by trucks  
GEOLOGIC FORMATION: Huntington do-  
lomite

THICKNESS OF DEPOSIT: 25 ft.  
THICKNESS OF OVERBURDEN: 18-36 in.  
EQUIPMENT: 2 shovels (¾- and ¾-yd.),  
2 dump trucks, 2 jaw crushers, 3 sets of  
rolls, and an impact crusher

EMPLOYEES: 10  
DAILY CAPACITY: 400 tons  
PRODUCTS: Agricultural lime and a small  
amount of crushed stone

#### CASS COUNTY

##### \*THE FRANCE STONE COMPANY

Toledo, Ohio  
P. O.: Keepport  
QUARRY AND PLANT LOCATION: T. 27  
N., R. 2 E., sec. 27  
SHIPPING POINT: Keepport by Wabash and  
Pennsylvania RRs and trucks  
PLANT MGR.: G. D. Raver  
GEOLOGIC FORMATION: Kokomo lime-  
stone and Jeffersonville limestone  
THICKNESS OF DEPOSIT: 30-55 ft.  
THICKNESS OF OVERBURDEN: 36 in.

EQUIPMENT: 3½-yd. steam shovel, 5 crush-  
ers (2 gyratory, 2 cone, and a hammer-  
mill). Primary crusher is 42-in. gyratory  
POWER: Electric  
EMPLOYEES: 38  
DAILY CAPACITY: 1,800 tons (9-hr. day)  
PRODUCTS: Agricultural lime, crushed stone  
for railroad ballast and road construction  
PRODUCTION IN TONS:

1940: 294,296  
1941: 324,961  
1942: 388,655  
1943: 316,455  
1944: 367,375  
1945: 315,392  
1946: 399,215

#### CLARK COUNTY

##### \*ATKINS AND COMPANY, INC., T. J.

Jeffersonville  
PRES., TREAS., GEN. MGR.: T. J. Atkins  
VICE PRES.: Leon Hammer  
SECY.: Cecil Smith  
SUPT.: Anthony Chinn  
QUARRY AND PLANT LOCATION: Grant  
10, Clark Military Grant

SHIPPING POINT: Plant by trucks  
GEOLOGIC FORMATION: Silver Creek and  
Jeffersonville limestones  
THICKNESS OF DEPOSIT: 32 ft.  
THICKNESS OF OVERBURDEN: 17 ft.

EQUIPMENT: ¾-yd. shovel, Telsmith gy-  
ratory crusher, Symonds cone-crusher  
POWER: Diesel  
EMPLOYEES: 20  
DAILY CAPACITY: 1,000 tons

PRODUCTS: Crushed and agricultural lime-  
stone  
PRODUCTION: 600-700 tons daily (75 tons  
of this are aglime)

##### \*LOUISVILLE CEMENT CORPORATION

315 Guthrie St., Louisville, Ky.  
PRES.: H. D. Baylor  
VICE PRES.: R. K. Hartsock  
CH. ENG.: Thomas McDonald  
CHEM.: Wallace Leach  
P. O.: Speed

QUARRY LOCATION: Grant 132, Clark  
Military Grant  
PLANT LOCATION: Grant 130, Clark Military  
Grant  
SHIPPING POINT: Speed by Pennsylvania  
RR and trucks

GEOLOGIC FORMATION: Silver Creek,  
Speeds, and Jeffersonville limestones  
THICKNESS OF DEPOSIT: 16 ft. Silver  
Creek; 40 ft. Speeds and Jeffersonville  
THICKNESS OF OVERBURDEN: 54 in.  
EQUIPMENT: 3 electric shovels

EMPLOYEES: 100  
DAILY CAPACITY: 3,600 tons (12-hr. day)  
PRODUCTS: Crushed limestone and port-  
land cement (See Portland Cement)  
REMARKS: See Harrison and Wayne Coun-  
ties. Also Portland Cement (Clark County).

##### \*SELLERSBURG STONE COMPANY

Sellersburg  
PRES.: W. J. Ehringer  
GEN. SUPT.: John Regan  
QUARRY AND PLANT LOCATION:

SE¼W¼ Grant 90, Clark Military Survey  
SHIPPING POINT: Sellersburg by trucks  
GEOLOGIC FORMATION: Jeffersonville  
limestone

THICKNESS OF DEPOSIT: 10 ft. 6 in.  
THICKNESS OF OVERBURDEN: 10 ft.  
EQUIPMENT: ¾-yd. shovel, D-6 bulldozer,  
21 x 38-in. Austin-Western jaw-crusher,  
10 x 40-in. reduction crusher

POWER: Electric  
EMPLOYEES: 15  
HOURLY CAPACITY: 75 tons  
PRODUCTS: Agricultural lime and crushed  
stone

##### PRODUCTION IN TONS:

1940: 40,000  
1941: 70,000  
1942: 75,000  
1943: 200,000  
1944: 120,000  
1945: 80,000  
1946: 65,000

#### CRAWFORD COUNTY

##### \*HY-ROCK PRODUCTS COMPANY

Evansville  
PRES.: Glenn W. Bowen  
P. O.: Marengo  
QUARRY AND PLANT LOCATION: T. 2  
S., R. 2 E., NW¼ sec. 7  
SHIPPING POINT: Marengo by Southern  
RR

GEOLOGIC FORMATION: Ste. Genevieve  
limestone  
THICKNESS OF DEPOSIT: 32 ft.  
KIND OF OPENING: Tunnel operation  
EQUIPMENT: ¾-yd. Bucyrus-Erie shovel,  
¾-yd. Northwest shovel, 28 x 36-in. Traylor  
jaw crusher, 30 x 40-in. and 36 x 40-in.  
hammer-mills

EMPLOYEES: 25  
ANNUAL CAPACITY: 80,000 tons  
PRODUCTS: Crushed and agricultural lime-  
stone

EMPLOYEES: 25  
PRODUCTION IN TONS:

1940: 57,000  
1941: 60,700  
1942: 53,800  
1943: 32,400  
1944: 35,800  
1945: 73,500  
1946: 149,400

##### KNIES AND AUSTIN

Jasper  
QUARRY AND PLANT LOCATION: 2 mi.  
north of Taswell  
SUPT.: Guy Austin  
PRODUCT: Crushed limestone  
DAILY CAPACITY: 150 tons

##### MULZER QUARRY

Eckerty

#### DEARBORN COUNTY

##### \*BENNETT CONSTRUCTION COMPANY

Manchester  
OWNER: Ralph Bennett  
QUARRY AND PLANT LOCATION: T. 7  
N., R. 3 W., NE¼SE¼ sec. 13  
SHIPPING POINT: Plant by trucks

**GEOLOGIC FORMATION:** Dearborn Upland  
**THICKNESS OF DEPOSIT:** 54 in.  
**THICKNESS OF OVERBURDEN:** 72 in.  
**EQUIPMENT:** Mead Morrison HD  $\frac{5}{8}$ -yd. shovel, Oliver Cletrac B and D-6 bulldozer, Pioneer 10 x 30-in. jaw crusher, 24 x 20-in. Stedman hammer-mill  
**EMPLOYEES:** 11  
**DAILY CAPACITY:** 250 tofs  
**PRODUCTS:** Agricultural and crushed limestone  
**REMARKS:** Began production of road rock in July 1946 and of agricultural lime in August 1946.

### DEARBORN GRAVEL COMPANY

R. F. D. 1, Lawrenceburg  
**REMARKS:** See Sand and Gravel

### DEARBORN LIME COMPANY

R. F. D. 1, Lawrenceburg  
**OWNER AND MGR.:** Leonard W. Darling  
**PLANT AND QUARRY LOCATION:** T. 8 N., R. 2 W., NW $\frac{1}{4}$ SW $\frac{1}{4}$  sec. 30  
**SHIPPING POINT:** Weisburg by trucks  
**GEOLOGIC FORMATION:** Richmond section of the Cincinnati  
**EQUIPMENT:** Lessman  $\frac{3}{4}$ -yd. tractor hoist, caterpillar R-5 bulldozer, 12 x 21-in. crusher, Day hammer-mill  
**POWER:** Diesel  
**EMPLOYEES:** 6  
**DAILY CAPACITY:** 125 tons  
**PRODUCTS:** Agricultural lime (Plan to produce crushed stone when jaw-crusher is obtained.)  
**REMARKS:** Operation began August 1947.

### DECATUR COUNTY

#### \*GREENSBURG STONE COMPANY

Broadway and Davis Sts., Greensburg  
**PARTNERS:** Paul Huber and Arl Doty  
**Huber-Doty Quarry**  
**QUARRY AND PLANT LOCATION:** T. 10 N., R. 9 E., sec. 11  
**SHIPPING POINT:** Plant by trucks  
**GEOLOGIC FORMATION:** Laurel limestone  
**THICKNESS OF DEPOSIT:** 54 ft.  
**THICKNESS OF OVERBURDEN:** 26 ft.  
**EQUIPMENT:** 24 x 36-in. and 9 x 36-in. jaw crushers, 20-in. gyratory crusher,  $\frac{1}{2}$ -yd. shovel  
**POWER:** Electric and diesel  
**EMPLOYEES:** 7  
**DAILY CAPACITY:** 200 tons  
**PRODUCTS:** Crushed stone and agricultural lime  
**PRODUCTION IN TONS:**  
 1945: 7,891 crushed stone  
 1,049 lime  
 1946: 13,358 crushed stone  
 2,482 lime

#### HODGSON AND ROPER QUARRY

Harris City

#### LAYTON QUARRY

Westport  
**OWNER, GEN. MGR.:** Wm. I. Layton  
**QUARRY AND PLANT LOCATION:** T. 9 N., R. 9 E., NE $\frac{1}{4}$  sec. 20

**GEOLOGIC FORMATION:** Laurel limestone  
**THICKNESS OF DEPOSIT:** 14 ft.  
**THICKNESS OF OVERBURDEN:** 24 in.  
**EQUIPMENT:** Insley  $\frac{3}{8}$ -yd. shovel, No. 5 Austin gyratory crusher, Universal 8 x 12-in. reduction jaw crusher, Southern hammer-mill  
**POWER:** Gasoline engines  
**DAILY CAPACITY:** 80 tons  
**PRODUCTS:** Agricultural and crushed limestone  
**PRODUCTION IN TONS:**  
 1946: 2,500  
**REMARKS:** Operations moved to present site 2 yrs. ago.

### MONTGOMERY, ROY

R. R. 2, Harris City  
**OWNER:** Roy Montgomery  
**ENG.:** John Hamer  
**SUPT.:** Harry Knarr  
**PRODUCTS:** Crushed stone and agricultural lime  
**HOURLY CAPACITY:** 30 tons each

### \*NEW POINT STONE COMPANY

Batesville  
**OWNER, GEN. MGR.:** Theodore Wanstrath  
**SUPT. AND PURCH. AGT.:** L. J. Wanstrath  
**P. O.:** New Point  
**QUARRY LOCATION:** T. 10 N., R. 11 E., sec. 8  
**PLANT LOCATION:** T. 10 N., R. 11 E., SE $\frac{1}{4}$ SE $\frac{1}{4}$  sec. 7  
**SHIPPING POINT:** Plant by trucks  
**GEOLOGIC FORMATION:** Laurel limestone  
**THICKNESS OF DEPOSIT:** 15-30 ft.  
**THICKNESS OF OVERBURDEN:** 10 ft.  
**EQUIPMENT:** 1 $\frac{1}{2}$ -yd. and 1 $\frac{1}{4}$ -yd. shovels, 2 bulldozers, 30 x 42-in. Traylor Primary breaker, No. 25 Kennedy Ty Traylor, 30 x 30-in. New Holland, and Stedman hammer-mill  
**POWER:** Diesel and electric  
**EMPLOYEES:** 10  
**DAILY CAPACITY:** 700-800 tons  
**PRODUCTS:** Agricultural and crushed limestone  
**PRODUCTION IN TONS:**  
 1940: 8,000 lime  
 15,000 crushed stone  
 1941: 10,000 lime  
 58,000 crushed stone  
 1942: 9,000 lime  
 30,000 crushed stone  
 1943: 15,000 lime  
 24,000 crushed stone  
 1944: 20,000 lime  
 15,000 crushed stone  
 1945: 12,000 lime  
 19,000 crushed stone  
 1946: 30,500 lime  
 42,000 crushed stone

### \*VAIL STONE COMPANY

Clarksburg  
**OWNERS:** Roy Vail and Elbert Vail  
**Clarksburg Quarry**  
**QUARRY AND PLANT LOCATION:** T. 10 N., R. 10 E., sec. 35  
**SHIPPING POINT:** Plant by trucks  
**GEOLOGIC FORMATION:** Lower part of Laurel limestone  
**EQUIPMENT:** Gates No. 5 gyratory crusher, Austin No. 2 gyratory crusher  
**POWER:** Steam  
**REMARKS:** Plant and quarry closed in 1943. Scheduled to begin operation in October 1947

### Sandusky Quarry

**QUARRY AND PLANT LOCATION:** T. 11 N., R. 9 E., NW $\frac{1}{4}$ NE $\frac{1}{4}$  sec. 12  
**GEOLOGIC FORMATION:** Upper part of Laurel limestone  
**THICKNESS OF DEPOSIT:** 18 ft., 6 in.  
**THICKNESS OF OVERBURDEN:** 108 in.  
**EQUIPMENT:** Insley  $\frac{3}{4}$ -yd. shovel, Lorain  $\frac{1}{2}$ -yd. shovel, Austin No. 5 gyratory crusher, Telsmith 2F gyratory reduction crusher, New Holland hammer-mill  
**POWER:** Steam  
**DAILY CAPACITY:** 200 tons  
**PRODUCTS:** Agricultural limestone and crushed stone

### DELAWARE COUNTY

#### \*J. AND K. STONE AND GRAVEL COMPANY, INC.

Eaton  
**MGR.:** K. K. Irving  
**SUPT.:** M. E. Sharts  
**QUARRY AND PLANT LOCATION:** T. 22 N., R. 10 E., sec. 23  
**SHIPPING POINT:** Plant by trucks  
**GEOLOGIC FORMATION:** Huntington dolomite  
**THICKNESS OF DEPOSIT:** 18 ft.  
**THICKNESS OF OVERBURDEN:** 24 in.  
**EQUIPMENT:** 2-yd. diesel shovel, 20-in. primary gyratory crusher, secondary gyratory crusher, and set of rolls  
**POWER:** Electric  
**EMPLOYEES:** 10  
**DAILY CAPACITY:** 50 tons agricultural lime and 750 tons crushed stone  
**PRODUCTS:** Crushed stone and agricultural lime  
**PRODUCTION IN TONS:**  
 1946: 120,000

#### \*M. D. AND R. STONE COMPANY

Albany  
**PRES.:** A. F. Dunkin  
**VICE PRES.:** B. J. Runyon  
**SECY.:** J. J. Murnane  
**TREAS.:** D. J. Murnane  
**QUARRY AND PLANT LOCATION:** T. 20 N., R. 10 E., sec. 20  
**SHIPPING POINT:** Plant by trucks  
**GEOLOGIC FORMATION:** Liston Creek limestone  
**THICKNESS OF DEPOSIT:** 35 ft.  
**THICKNESS OF OVERBURDEN:** 48 in.  
**EQUIPMENT:** 1-yd. gasoline shovel, 14-in. primary gyratory, secondary gyratory, and cone crushers  
**POWER:** Electric  
**EMPLOYEES:** 12  
**HOURLY CAPACITY:** 30 tons  
**PRODUCTS:** Crushed stone and agricultural lime  
**REMARKS:** Formerly Muncie Stone and Lime Company. Purchased by present operator in February 1947.

### GRANT COUNTY

#### \*PIPE CREEK STONE COMPANY

Marion  
**OWNER, SUPT.:** F. W. Irving  
**P. O.:** Sweetser  
**QUARRY AND PLANT LOCATION:** T. 25 N., R. 6 E., sec. 35

**SHIPPING POINT:** Sweetser by Chesapeake and Ohio RR and trucks  
**GEOLOGIC FORMATION:** Liston Creek limestone (Mississinewa in quarry floor)  
**THICKNESS OF DEPOSIT:** 12-22 ft.  
**THICKNESS OF OVERBURDEN:** 36-48 in.  
**EQUIPMENT:** 2 Lorain gasoline shovels (1 $\frac{1}{2}$ -yd.), diesel scraper  
**POWER:** Electric  
**EMPLOYEES:** 15  
**DAILY CAPACITY:** 1,000 tons  
**PRODUCTS:** Crushed stone and agricultural lime  
**PRODUCTION IN TONS:**  
 1940: 51,602  
 1941: 147,193  
 1942: 127,290  
 1943: 229,441  
 1944: 126,851  
 1945: 158,213  
 1946: 222,733

### HARRISON COUNTY

#### \*CORYDON STONE COMPANY

Corydon  
**PRES.:** Joe H. Bachman  
**Corydon Plant**  
**QUARRY AND PLANT LOCATION:** T. 3 S., R. 3 E., SE $\frac{1}{4}$ SE $\frac{1}{4}$  sec. 25  
**SHIPPING POINT:** Plant by trucks  
**GEOLOGIC FORMATION:** Upper part of St. Louis limestone  
**THICKNESS OF DEPOSIT:** 12 ft.  
**THICKNESS OF OVERBURDEN:** 12 ft.  
**EQUIPMENT:** 1-yd. D4 Traxcavator, 20 x 36-in. Pioneer jaw crusher, Pioneer 16 x 18-in. roll crusher, Day Model-40 hammer-mill  
**EMPLOYEES:** 8-25  
**DAILY CAPACITY:** 800 tons  
**PRODUCTS:** Crushed road stone and agricultural lime

#### Lanesville Plant

**QUARRY AND PLANT LOCATION:** T. 3 S., R. 4 E., NE $\frac{1}{4}$ SW $\frac{1}{4}$  sec. 25  
**GEOLOGIC FORMATION:** St. Louis and Salem limestones  
**THICKNESS OF DEPOSIT:** 58 ft.  
**THICKNESS OF OVERBURDEN:** 92 in.  
**EQUIPMENT:** 2 1-yd. Traxcavators, Pioneer 19 x 36-in. jaw crusher, a Telsmith 14-in. gyratory crusher, a Pioneer 22 x 40-in. roll crusher  
**POWER:** Caterpillar D-13 engine  
**EMPLOYEES:** 8  
**DAILY CAPACITY:** 700 tons  
**PRODUCTS:** Agricultural and crushed limestone  
**PRODUCTION IN TONS:**  
 1946: 45,000

#### DAVIS BROTHERS QUARRY

Ramsey  
**QUARRY LOCATION:** 3 miles northwest of Ramsey  
**GEOLOGIC FORMATION:** Ste. Genevieve limestone

#### \*LOUISVILLE CEMENT CORPORATION

315 Guthrie St., Louisville, Ky.  
**MANAGEMENT:** See Clark County  
**QUARRY, PLANT, AND CHEMICAL LIME KILN LOCATION:** Milltown  
**SHIPPING POINT:** Milltown by Southern RR and trucks

**GEOLOGIC FORMATION:** Lower Ste. Genevieve and Upper St. Louis limestones  
**THICKNESS OF DEPOSIT:** 44 ft.  
**EQUIPMENT:** 1-yd. shovel, 1-yd. Traxcavator, bulldozer, Allis-Chalmers 36 x 48-in. jaw crusher, Allis-Chalmers gyratory crusher, 3 reduction crushers (Symond, McCulley, and Gates), Williams hammer-mill, Day hammer-mill  
**POWER:** Electric  
**EMPLOYEES:** 160  
**ANNUAL CAPACITY:** 525,000 tons  
**PRODUCTS:** Agricultural, crushed, and chemical limestone  
**PRODUCTION IN TONS:**  
 1946: 350,000 (¾ for chemical lime)  
**REMARKS:** See Clark and Wayne Counties. Also Portland Cement (Clark County).

### HOWARD COUNTY

#### \*KOKOMO CREEK STONE COMPANY

R. R. 6, Kokomo  
**OWNER AND MGR.:** Wm. A. Engles  
**QUARRY AND PLANT LOCATION:** T. 23 N., R. 4 E., sec. 17  
**SHIPPING POINT:** Plant by trucks  
**GEOLOGIC FORMATION:** Kokomo and Kenneth limestones  
**THICKNESS OF DEPOSIT:** 17 ft.  
**THICKNESS OF OVERBURDEN:** 60 in.  
**EQUIPMENT:** ¾-yd. gasoline shovel  
**POWER:** Electric  
**EMPLOYEES:** 5  
**DAILY CAPACITY:** 200-300 tons  
**PRODUCTS:** Agricultural lime and crushed stone  
**PRODUCTION IN TONS:**  
 1945: 9,000  
 1946: 20,000  
**REMARKS:** Quarry opened in 1945.

### HUNTINGTON COUNTY

#### \*ERIE STONE COMPANY

1800 Toledo Trust Bldg., Toledo, Ohio  
**PRES., TREAS.:** G. A. France  
**VICE PRES., GEN. MGR.:** N. R. France  
**SECY.:** C. F. Martig  
**PLANT MGR.:** A. C. Nickelsen  
**P. O.:** Huntington  
**QUARRY AND PLANT LOCATION:** T. 28 N., R. 9 E., sec. 12  
**SHIPPING POINT:** Huntington by Erie and Wabash RRs  
**SALES OFFICE:** 17 W. Market St., Indianapolis  
**GEOLOGIC FORMATION:** Reef in Liston Creek limestone  
**THICKNESS OF DEPOSIT:** 34 ft.  
**THICKNESS OF OVERBURDEN:** 24-60 in.  
**EQUIPMENT:** 1½-yd. steam shovel, 3 crushers  
**POWER:** Electric and coal (steam)  
**EMPLOYEES:** 25-50  
**PRODUCTS:** Crushed stone, agricultural limestone, railroad ballast  
**REMARKS:** See Wells County

### JACKSON COUNTY

#### SEYMOUR GRAVEL COMPANY

106 W. 2nd St., Seymour  
**P. O.:** Medora  
**QUARRY LOCATION:** 2 miles west of Medora

**GEOLOGIC FORMATION:** Harrodsburg limestone  
**REMARKS:** See Sand and Gravel

### JASPER COUNTY

#### \*BABCOCK CONSTRUCTION COMPANY, W. C.

Rensselaer  
**PARTNERS:** W. C. Babcock, Avonelle Babcock, R. L. Paulus, and Margaret Paulus  
**QUARRY AND PLANT LOCATION:** T. 29 N., R. 6 W., sec. 30  
**SHIPPING POINT:** Plant by trucks  
**GEOLOGIC FORMATION:** Jeffersonville dolomite  
**THICKNESS OF DEPOSIT:** 15-20 ft.  
**THICKNESS OF OVERBURDEN:** 3-12 ft.  
**EQUIPMENT:** ¾-yd. gasoline shovel, 2 gyratory crushers (12-in.), set of rolls, hammer-mills  
**POWER:** Electric  
**EMPLOYEES:** 15  
**PRODUCTS AND ANNUAL CAPACITY:**  
 Crushed stone 60,000 tons  
 Agricultural lime 25,000 tons

### JAY COUNTY

#### \*ROCKLEDGE PRODUCTS COMPANY

R. F. D. 5, Portland  
**OWNER:** W. R. Smith  
**GEN. MGR.:** R. V. Smith  
**QUARRY AND PLANT LOCATION:** T. 23 N., R. 14 E., sec. 30  
**SHIPPING POINT:** Plant by trucks  
**GEOLOGIC FORMATION:** Huntington dolomite  
**THICKNESS OF DEPOSIT:** 50 ft.  
**THICKNESS OF OVERBURDEN:** 12-13 ft.  
**EQUIPMENT:** 1¼-yd. diesel shovel, primary jaw-crusher and hammer-mill  
**POWER:** Electric  
**EMPLOYEES:** 9  
**DAILY CAPACITY:** 600 tons  
**PRODUCTS:** Crushed stone, agricultural lime, concrete blocks

### JEFFERSON COUNTY

#### \*INDEPENDENT STONE COMPANY

315 Elm St., Madison  
**P. O.:** Wirt  
**QUARRY AND PLANT LOCATION:** T. 5 N., R. 9 E., SW¼ sec. 26  
**SHIPPING POINT:** Plant by trucks  
**GEOLOGIC FORMATION:** Jeffersonville and Laurel limestones  
**THICKNESS OF DEPOSIT:** 53 ft.  
**THICKNESS OF OVERBURDEN:** 96 in.  
**EQUIPMENT:** Allis-Chalmers bulldozer, 1-yd. Traxcavator T-4 hoist, Universal 16 x 24-in. jaw crusher, Good-Roads 10 x 30-in. New Holland roll crusher  
**EMPLOYEES:** 8-10  
**DAILY CAPACITY:** 240 tons  
**PRODUCTS:** Crushed and agricultural limestone

#### SHINING STARS QUARRY

Dupont  
**QUARRY AND PLANT LOCATION:** 4½ miles south of Dupont  
**EQUIPMENT:** Hand labor

**PRODUCTS AND HOURLY CAPACITY:**  
 Crushed stone 15 tons; agricultural lime 5 tons

### JENNINGS COUNTY

#### \*FRANK QUARRIES, PAUL

North Vernon  
**OWNER:** Paul Frank  
**QUARRY AND PLANT LOCATION:** T. 7 N., R. 8 E., NE¼ sec. 34  
**SHIPPING POINT:** North Vernon by B & O, New York Central, and Pennsylvania RRs and trucks  
**GEOLOGIC FORMATION:** Jeffersonville limestone and Geneva dolomite  
**THICKNESS OF DEPOSIT:** 33 ft. 6 in.  
**THICKNESS OF OVERBURDEN:** 56 ft.  
**EQUIPMENT:** Koering 2½-yd. shovel for stripping; 2 Koering shovels (1-yd. and 1½-yd.), Allis-Chalmers HD7 bulldozer, 30 x 42-in. primary jaw crusher, 54 x 24-in. triple roll crusher, 3 40 x 22-in. double roll crushers, 40 x 22-in. triple crusher  
**EMPLOYEES:** 50  
**DAILY CAPACITY:** 1,600 tons  
**PRODUCTS:** Agricultural lime and crushed limestone  
**PRODUCTION IN TONS:**  
 1940-44: 225,000-250,000 each yr.  
 1945: 243,628  
 1946: 272,615

#### MUSCATATUCK STATE FARM QUARRY

Butlerville

### LAWRENCE COUNTY

#### BEDFORD STONE PRODUCTS COMPANY

1406 1st St., Bedford  
**OWNER:** Marshall Miller  
**SUPT.:** Paul Miller  
**PRODUCTS:** Glass limestone; agricultural limestone; mineral supplement for feeds; shell feed for poultry

#### \*HELTONVILLE LIMESTONE COMPANY

Heltonville  
**OWNER, GEN. MGR.:** John D. Fuller  
**QUARRY AND PLANT LOCATION:** T. 6 N., R. 1 E., NW¼ sec. 24  
**SHIPPING POINT:** Plant by trucks and C. M. St. P. & P. RR  
**GEOLOGIC FORMATION:** Salem limestone  
**EQUIPMENT:** P. and H. electric shovel, and Williams 30 hammer-mill  
**POWER:** Electric  
**HOURLY CAPACITY:** 20 tons  
**EMPLOYEES:** 7  
**PRODUCTS:** Agricultural limestone  
 See Limestone—Building stone  
**PRODUCTION IN TONS:**  
 1942: 17,087  
 1943: 20,077  
 1944: 16,153  
 1945: 11,290  
**REMARKS:** Plant operated only 9 months in 1946.

#### \*NALLY, BALLARD, AND CATO

325 Elsbly Bldg., New Albany  
**P. O.:** Georgia

**QUARRY AND PLANT LOCATION:** T. 3 N., R. 2 W., sec. 12  
**SHIPPING POINT:** Georgia by B. & O. RR and trucks  
**GEOLOGIC FORMATION:** Paoli and Ste. Genevieve limestones  
**THICKNESS OF DEPOSIT:** 55 ft.  
**THICKNESS OF OVERBURDEN:** 2-20 ft.  
**EQUIPMENT:** 2 shovels, 5 crushers, 6 diesel power units  
**POWER:** Diesel and electric  
**EMPLOYEES:** 18  
**DAILY CAPACITY:** 1,200 tons  
**PRODUCTS:** Agricultural lime and crushed stone  
**PRODUCTION IN TONS:**  
 1946: 100,000  
**REMARKS:** Production started in April 1946.

#### \*OOLITIC GROUND LIMESTONE COMPANY

Box 132, Bedford  
**OWNERS:** A. Medaugh, R. G. Gilliatt, and H. K. Gilliatt  
**QUARRY AND PLANT LOCATION:** Shawswick township  
**SHIPPING POINT:** Plant by trucks  
**GEOLOGIC FORMATION:** Salem limestone  
**EQUIPMENT:** Power shovel, Universal crusher, and shop-built hammer-mill  
**POWER:** Electric  
**EMPLOYEES:** 6  
**HOURLY CAPACITY:** 40 tons  
**PRODUCTS:** Agricultural ground limestone  
**PRODUCTION IN TONS:**  
 1946: 20,900

#### \*ROGERS AND COMPANY, RALPH

Bloomington  
**OWNERS:** Ralph Rogers and Harry Berry  
**PLANT SUPT.:** Edwin Campbell  
**SALES MGR.:** Ben Rechter  
**QUARRY AND PLANT LOCATION:** Silverville  
**SHIPPING POINT:** Plant by trucks  
**GEOLOGIC FORMATION:** Ste. Genevieve limestone  
**POWER:** Electric  
**HOURLY CAPACITY:** 250 tons  
**PRODUCTS:** Agricultural and crushed limestone  
**REMARKS:** Affiliated with Bloomington Crushed Stone Company (Monroe County) and Ready-Mix Concrete Company (Concrete Products—Monroe County)

### MADISON COUNTY

#### \*INDIANA REFORMATORY

Pendleton  
**QUARRY AND PLANT LOCATION:** T. 18 N., R. 6 E., sec. 25  
**SHIPPING POINT:** Plant by trucks  
**GEOLOGIC FORMATION:** Mississinewa shale and Liston Creek limestone  
**THICKNESS OF DEPOSIT:** 55 ft.  
**THICKNESS OF OVERBURDEN:** 24-84 in.  
**EQUIPMENT:** ½-yd. gasoline shovel, 19-in. primary gyratory crusher  
**POWER:** Electric  
**EMPLOYEES:** 40 inmates of the State Prison  
**ANNUAL CAPACITY:** 65,000 tons  
**PRODUCTS:** Crushed stone and agricultural lime

### STANDARD MATERIALS CORPORATION

2300 Kentucky Ave., Indianapolis  
 PRES., GEN. MGR.: C. B. McCown  
 TREAS.: T. L. Harrold  
 ASST. TREAS.: C. McDougald  
 SECY.: A. C. Johnson  
 MGR.: A. R. Lundahl  
 P. O.: Lapel  
 QUARRY AND PLANT LOCATION: T. 19 N., R. 6 E., sec. 28  
 SHIPPING POINT: Plant by trucks  
 GEOLOGIC FORMATION: Reef in Liston Creek limestone  
 THICKNESS OF DEPOSIT: 20 ft.  
 THICKNESS OF OVERBURDEN: 84-108 in.  
 EQUIPMENT: 1½-yd. diesel shovel, 20 x 36-in. primary crusher, 30 x 30-in. impact crusher, 2 33 x 40-in. hammer-mills  
 POWER: Electric  
 EMPLOYEES: 16  
 HOURLY CAPACITY: 200 tons  
 PRODUCTS: Crushed stone and agricultural lime  
 PRODUCTION IN TONS:  
 1945: 90,000  
 1946: 150,000  
 REMARKS: See Sand and Gravel—Marion County and Vermillion County.

### MARTIN COUNTY

#### GERKIN QUARRY, HARRY

Loogootee  
 OWNER: Harry Gerkin  
 QUARRY AND PLANT LOCATION: T. 3 N., R. 4 W., W½NW¼ sec. 12  
 SHIPPING POINT: Plant by trucks  
 GEOLOGIC FORMATION: Glen Dean formation  
 THICKNESS OF DEPOSIT: 23 ft.  
 THICKNESS OF OVERBURDEN: 14 ft.  
 EQUIPMENT: Bulldozer, 1-yd. shovel convertible to dragline, 15 x 40-in. Good-Roads crusher, Grundler 2XB pulverizer  
 POWER: Gasoline  
 EMPLOYEES: 7  
 DAILY CAPACITY: 200 tons  
 PRODUCTS: Road stone and agricultural lime  
 REMARKS: Began operation in mid-1946.

#### HARDING QUARRY

Mt. Olive

### MONROE COUNTY

#### \*BLOOMINGTON CRUSHED STONE COMPANY

Box 27, Bloomington  
 PRES., GEN. MGR.: Frank Dobson  
 TREAS.: Ralph Rogers  
 SECY.: Harry Berry  
 SUPT.: William Collins  
 QUARRY AND PLANT LOCATION: T. 9 N., R. 1 W., sec. 28  
 SHIPPING POINT: Bloomington by Illinois Central RR and trucks  
 GEOLOGIC FORMATION: Harrodsburg limestone  
 EQUIPMENT: ¾-yd. diesel shovel, 26 x 36-in. jaw crusher, 2 3-ft. and 1 4-ft. cone crusher, 3 hammer-mills  
 POWER: Electric  
 EMPLOYEES: 25-30  
 HOURLY CAPACITY: 150 tons  
 PRODUCTS: Agricultural limestone dust and crushed limestone

#### PRODUCTION IN TONS:

1940: 26,437  
 1941: 45,751  
 1942: 61,111  
 1943: 65,660  
 1944: 71,798  
 1945: 120,615  
 1946: 175,318

REMARKS: Through 1944, production was mostly crushed stone. During 1945 and 1946, ag-lime averaged about 65-75% of total production.

Affiliated with Ralph Rogers and Company (Lawrence County) and Ready-Mix Concrete Company (Concrete Products—Monroe County).

#### HOWARD, RITTER

Box 16, Bloomington

PLANT LOCATIONS: One in Salt Creek township and one in Washington township  
 PRODUCTS: Crushed and agricultural limestone

#### \*QUIMBY AND STEPHEN

Stanford

PARTNERS: Curtis Quimby, Gerald Stephens, and Joe Quimby  
 QUARRY AND PLANT LOCATION: T. 7 N., R. 2 W., sec. 6  
 SHIPPING POINT: Plant by trucks  
 GEOLOGIC FORMATION: Ste. Genevieve limestone

THICKNESS OF DEPOSIT: 45 ft.  
 THICKNESS OF OVERBURDEN: 10 ft.  
 EQUIPMENT: Bucyrus Erie shovel, William pulverizer  
 POWER: Diesel  
 EMPLOYEES: 9  
 HOURLY CAPACITY: Ag-lime 25 tons and crushed stone 10 tons  
 PRODUCTS: Agricultural and crushed limestone

#### PRODUCTION IN TONS:

1940: 17,500  
 1941: 18,612  
 1942: 17,071 ag-lime  
 2,237 crushed stone  
 1943: 15,300 ag-lime  
 3,275 crushed stone  
 1944: 14,853 ag-lime  
 3,282 crushed stone  
 1945: 11,032 ag-lime  
 2,415 crushed stone  
 1946: 17,941 ag-lime  
 2,251 crushed stone

### MONTGOMERY COUNTY

#### \*NEW ROSS LIMESTONE COMPANY

New Ross

PARTNERS: C. D. Bronaugh and H. Redman  
 QUARRY AND PLANT LOCATION: T. 17 N., R. 3 W., sec. 3  
 SHIPPING POINT: Plant by trucks  
 GEOLOGIC FORMATION: Borden formation  
 THICKNESS OF DEPOSIT: 14 ft.  
 THICKNESS OF OVERBURDEN: 72 in.  
 EQUIPMENT: ¾-yd. shovel, 12-in. primary crusher, 2 hammer-mills  
 POWER: Diesel  
 EMPLOYEES: 5  
 DAILY CAPACITY: 150 tons  
 PRODUCTS: Agricultural lime

#### PRODUCTION IN TONS:

1945: 10,000  
 1946: 17,000

#### \*WAVELAND STONE COMPANY

Lafayette

MGR.: B. B. Peabody  
 P. O.: Waveland  
 QUARRY AND PLANT LOCATION: T. 17 N., R. 6 W., sec. 34  
 SHIPPING POINT: Plant by trucks  
 GEOLOGIC FORMATION: St. Louis limestone

THICKNESS OF DEPOSIT: 30 ft.  
 THICKNESS OF OVERBURDEN: 18 ft.  
 EQUIPMENT: 1¼-yd. shovel, 2-yd. steam shovel, 24 x 36-in. primary jaw crusher, secondary gyratory crusher, and 2 hammer-mills

POWER: Electric  
 EMPLOYEES: 20  
 DAILY CAPACITY: 600 tons  
 PRODUCTS: Crushed stone and agricultural lime

#### PRODUCTION IN TONS:

1940: 32,700  
 1941: 60,500  
 1942: 138,600  
 1943: 82,700  
 1944: 82,400  
 1945: 71,900  
 1946: 100,100

REMARKS: Owned and operated by Western Indiana Gravel Company.

### NEWTON COUNTY

#### \*NEWTON COUNTY STONE COMPANY, INC.

Kentland

PRES.: Ralph Rogers  
 VICE PRES.: H. L. Berry  
 SECY.-TREAS., GEN. MGR.: C. A. Broecker  
 QUARRY AND PLANT LOCATION: T. 27 N., R. 9 W., sec. 25  
 SHIPPING POINT: Perkins Spur by Pennsylvania RR and trucks  
 GEOLOGIC FORMATION: Several Paleozoic formations in Kentland disturbance  
 THICKNESS OF DEPOSIT: 90-105 ft.  
 THICKNESS OF OVERBURDEN: 96 in.  
 EQUIPMENT: 2-yd. diesel shovel, 42 x 48-in. primary jaw crusher  
 POWER: Electric  
 EMPLOYEES: 23  
 DAILY CAPACITY: 2,500 tons  
 PRODUCTS: Crushed stone and agricultural lime (50% each)  
 REMARKS: Purchased by present owners December 7, 1945.

### ORANGE COUNTY

#### \*CALCAR QUARRIES

Paoli

GEN. MGR.: R. E. Lindeman  
 SUPT.: Gordon Hyde  
 QUARRY AND PLANT LOCATION: T. 1 N., R. 1 E., sec. 8  
 SHIPPING POINT: Plant by trucks  
 GEOLOGIC FORMATION: Ste. Genevieve limestone  
 THICKNESS OF DEPOSIT: 85 ft.  
 THICKNESS OF OVERBURDEN: 5-15 ft.  
 EQUIPMENT: ⅝- and ¾-yd. shovels, bulldozer, 3 pulverizers, and 2 crushers

POWER: Diesel  
 EMPLOYEES: 14  
 HOURLY CAPACITY: Ag-lime 55 tons, crushed stone 70 tons  
 PRODUCTS: Agricultural and crushed limestone  
 PRODUCTION IN TONS:  
 1943: 43,000  
 1944: 63,000  
 1945: 70,000  
 1946: 110,000

#### CAVE STONE COMPANY, W. M.

French Lick

OWNER: Wm. M. Cave  
 PRODUCTS: Agricultural and crushed limestone  
 EMPLOYEES: 8-25

#### \*RADCLIFF AND BERRY, INC.

Hardinsburg

PRES.: Albert Berry  
 SECY.-TREAS.: Max Radcliff  
 P. O.: Orleans  
 QUARRY AND PLANT LOCATION: 1½ miles northwest of Orleans  
 SHIPPING POINT: Orleans by Monon RR and trucks  
 GEOLOGIC FORMATION: Ste. Genevieve limestone  
 THICKNESS OF DEPOSIT: 50 ft. face in ledges from 2-6 ft. thick  
 THICKNESS OF OVERBURDEN: 60 in.  
 EQUIPMENT: 4 crushers fed by 1½-yd. diesel power shovel with other necessary equipment to produce crushed stone in sizes from 2-in. down to and including ag-lime  
 EMPLOYEES: 15  
 DAILY CAPACITY: 1,800 tons  
 PRODUCTS: Crushed and agricultural limestone  
 PRODUCTION IN TONS:  
 1946: 50,182  
 REMARKS: Location purchased in February 1946 from the A. T. and C. Stone Company. See also Scott County.

### OWEN COUNTY

#### \*DUNN LIMESTONE COMPANY, INC.

Spencer

PRES.: Felix A. Dunn  
 QUARRY AND PLANT LOCATION: T. 10 N., R. 3 W., sec. 10  
 SHIPPING POINT: Romona by Pennsylvania RR and trucks  
 THICKNESS OF DEPOSIT: 50 ft.  
 THICKNESS OF OVERBURDEN: 72 in.  
 EQUIPMENT: Shovel, crusher, and pulverizers  
 POWER: Electric  
 EMPLOYEES: 24  
 DAILY CAPACITY: 850 tons  
 PRODUCTS: Agricultural limestone  
 PRODUCTION IN TONS:  
 1940: 20,000  
 1941: 50,000  
 1942: 70,000  
 1943: 73,000  
 1944: 80,000  
 1945: 69,000  
 1946: 108,000



**MID-WEST ROCK PRODUCTS CORPORATION**

Toledo, Ohio (France Stone Company)  
 PRES., TREAS.: G. A. France  
 VICE PRES., GEN. MGR.: Nat R. France  
 SECY.: C. F. Martig  
 P. O.: Spencer  
 QUARRY AND PLANT LOCATION: ½ mile west of Spencer  
 PLANT MGR.: R. J. Bucklew  
 GEOLOGIC FORMATION: Ste. Genevieve limestone  
 PRODUCTS: Crushed stone and agricultural limestone  
 REMARKS: See Putnam County

**PERRY COUNTY****JAMES QUARRY, ALBERT**  
Leopold**°LUTGRING AND SONS STONE COMPANY**

Tell City  
 MANAGEMENT: Edward J. Lutgring  
 P. O.: Branchville  
 QUARRY AND PLANT LOCATION: T. 4 S., R. 1 W., NE¼ sec. 18  
 SHIPPING POINT: Plant by trucks  
 GEOLOGIC FORMATION: Glen Dean limestone  
 THICKNESS OF DEPOSIT: 24 ft.  
 THICKNESS OF OVERBURDEN: 28 ft.  
 EQUIPMENT: 3-yd. and 1½-yd. diesel Traxcavator, Pioneer 15 x 36-in. crusher, Gruendler hammer-mill, ¾-yd. Link-Belt Speeder shovel  
 DAILY CAPACITY: 400 tons  
 PRODUCTS: Agricultural and crushed limestone  
 PRODUCTION IN TONS:  
 1946: 88,000 (7 months)

**SCHEELER QUARRY**

Derby  
 QUARRY AND PLANT LOCATION: 1½ miles west of Derby

**PUTNAM COUNTY****°\*INDIANA STATE FARM**  
Putnamville

SUPT.: Mike Finn  
 QUARRY AND PLANT LOCATION: T. 13 N., R. 4 W., sec. 17  
 SHIPPING POINT: Plant by trucks  
 GEOLOGIC FORMATION: Ste. Genevieve limestone  
 THICKNESS OF DEPOSIT: 75-81 ft.  
 THICKNESS OF OVERBURDEN: 15-20 ft.  
 EQUIPMENT: ¾-yd. gasoline shovel, 12-in. gyratory crusher, 2 hammer-mills  
 POWER: Electric and gasoline  
 EMPLOYEES: 70 State Prison inmates, 3 officers  
 DAILY CAPACITY: 400 tons  
 PRODUCTS: Agricultural lime and small amount of crushed stone  
 PRODUCTION IN TONS:  
 1940: 58,589  
 1941: 84,970  
 1942: 13,174  
 1943: 41,285  
 1944: 80,060  
 1945: 65,707  
 1946: 103,000

**°MID-WEST ROCK PRODUCTS CORPORATION**

Toledo, Ohio (France Stone Company)  
 MANAGEMENT: See Owen County  
 P. O.: Greencastle  
 PLANT LOCATION: T. 14 N., R. 4 W., sec. 22  
 SHIPPING POINT: Greencastle by New York Central, Monon, and Pennsylvania RRs and by trucks  
 POWER: Electric  
 EMPLOYEES: 6-8  
 DAILY CAPACITY: 150 tons  
 PRODUCTS: Limestone dust (most is sold for high calcium lime for feeds)  
 REMARKS: Mining was stopped in Mid-West quarry in 1943. Stone is trucked from Ohio and Indiana Stone Company quarry—also owned by the France Stone Company. Company purchased another lime dust plant in Greencastle in August 1947.

**°OHIO AND INDIANA STONE COMPANY**

Toledo, Ohio (France Stone Company)  
 MANAGEMENT: See Mid-West Rock Products (Owen County)  
 P. O.: Greencastle  
 QUARRY LOCATION: T. 14 N., R. 4 W., NW¼NW¼ sec. 29  
 PLANT LOCATION: T. 14 N., R. 4 W., sec. 20  
 SHIPPING POINT: Greencastle by Monon, New York Central, and Pennsylvania RRs and trucks  
 GEOLOGIC FORMATION: Ste. Genevieve limestone  
 THICKNESS OF DEPOSIT: 50-70 ft.  
 THICKNESS OF OVERBURDEN: 18 ft.  
 EQUIPMENT: Marion "91" 3½-yd. steam shovel, 2 primary 24 x 27-in. gyratory crushers, 2 secondary crushers (gyratory and shorthed cone), and a hammer-mill  
 POWER: Electric  
 EMPLOYEES: 35-40  
 ANNUAL CAPACITY: 500,000 tons  
 PRODUCTS: Crushed stone and agricultural lime  
 PRODUCTION: Average of 300,000 tons per year for 1940-46; now producing 500,000 tons per year.

**°RUSSELVILLE STONE COMPANY**

Flemingsburg, Kentucky  
 OWNERS: A. D. Gorman and C. E. Gorman  
 MGR.: H. C. Gorman  
 P. O.: Russelville  
 QUARRY LOCATION: T. 16 N., R. 5 W., NW¼SE¼ sec. 8  
 PLANT LOCATION: T. 16 N., R. 5 W., sec. 5  
 SHIPPING POINT: Russelville by B & O RR and trucks  
 GEOLOGIC FORMATION: Harrodsburg limestone  
 THICKNESS OF DEPOSIT: 21 ft.  
 THICKNESS OF OVERBURDEN: 108 in.  
 EQUIPMENT: ¾-yd. diesel shovel, 25 x 40-in. primary jaw crusher, 30 x 30-in. Holland impact crusher, set of 54-in. rolls, and 2 hammer-mills  
 POWER: Diesel and electric  
 EMPLOYEES: 20-25  
 HOURLY CAPACITY: 100 tons

PRODUCTS: Crushed stone and agricultural lime  
 REMARKS: Plant in operation since February 1947.

**RANDOLPH COUNTY****°H. AND R. STONE COMPANY**  
Ridgeville

OWNER, MGR.: Sam Henry  
 QUARRY AND PLANT LOCATION: T. 21 N., R. 13 E., sec. 12  
 SHIPPING POINT: Plant by trucks  
 GEOLOGIC FORMATION: Huntington dolomite  
 THICKNESS OF DEPOSIT: 18-20 ft.  
 THICKNESS OF OVERBURDEN: 24 in.  
 EQUIPMENT: 1-yd. diesel shovel, 20 x 36-in. primary jaw crusher, and set of 16-in. rolls  
 POWER: Electric  
 EMPLOYEES: 8  
 DAILY CAPACITY: 450 tons  
 PRODUCTS: Crushed stone and agricultural lime  
 PRODUCTION IN TONS:  
 1946: 20,000 (began in May)  
 REMARKS: 50,000 to 60,000 tons expected annually.

**°\*M. D. AND R. STONE COMPANY, INC.**

Box 315, Albany  
 MANAGEMENT: See Delaware County  
 QUARRY LOCATION: T. 21 N., R. 12 E., SE¼NE¼ sec. 10  
 PLANT LOCATION: T. 21 N., R. 12 E., sec. 11  
 SHIPPING POINT: Plant by trucks  
 GEOLOGIC FORMATION: Huntington dolomite  
 THICKNESS OF DEPOSIT: 22 ft.  
 THICKNESS OF OVERBURDEN: 48-84 in.  
 EQUIPMENT: 1-yd. steam shovel, jaw crusher, 2 gyratory crushers (up to 8-in.), roll crusher, and an impact crusher  
 POWER: Diesel and electric  
 EMPLOYEES: 17  
 DAILY CAPACITY: 200 tons  
 PRODUCTS: Crushed stone and agricultural lime  
 PRODUCTION IN TONS:  
 1940: 40,000 crushed stone  
 3,000 ag-lime  
 1941: 43,000 crushed stone  
 5,000 ag-lime  
 1942: 35,000 crushed stone  
 7,000 ag-lime  
 1943: 35,000 crushed stone  
 5,000 ag-lime  
 1944: 38,000 crushed stone  
 4,000 ag-lime  
 1945: 52,000 crushed stone  
 6,000 ag-lime  
 1946: 49,000 crushed stone  
 17,000 ag-lime

**RIPLEY COUNTY****°BULTMAN QUARRY**  
Versailles

MANAGEMENT: Verne Bultman  
 QUARRY AND PLANT LOCATION: T. 7 N., R. 10 E., SW¼SW¼ sec. 3  
 SHIPPING POINT: Plant by trucks  
 GEOLOGIC FORMATION: Laurel limestone  
 THICKNESS OF DEPOSIT: 21 ft.  
 THICKNESS OF OVERBURDEN: 21 ft.

EQUIPMENT: TelSmith No. 4 gyratory crusher, Stover No. 102 hammer-mill, 10-ton Caterpillar tractor, and 1-yd. roll-over scraper  
 POWER: Allis-Chalmers 20-35 gasoline tractor  
 EMPLOYEES: 7  
 DAILY CAPACITY: 250 yds.  
 PRODUCTS: Crushed and agricultural limestone

**°CORD STONE COMPANY**  
Versailles

OWNER: Karl J. Cord  
 QUARRY AND PLANT LOCATION: T. 7 N., R. 11 E., SE¼NW¼ sec. 26  
 THICKNESS OF DEPOSIT: 26 ft.  
 THICKNESS OF OVERBURDEN: 72 in.  
 EQUIPMENT: D-4 Traxcavator, Diamond 15 x 36-in. jaw crusher, Traylor 20-in. gyratory reduction crusher  
 POWER: 90 H. P. gasoline engine  
 EMPLOYEES: 8  
 DAILY CAPACITY: 385 tons  
 PRODUCTS: Crushed stone and agricultural lime  
 PRODUCTION IN TONS:  
 1946: 26,500

**°NAPOLEON LIME INDUSTRY**  
Napoleon

OWNERS: Robert McClanahan and Lester Crowell  
 SUPT.: Raymond F. Meyer  
 QUARRY AND PLANT LOCATION: T. 9 N., R. 11 E., NE¼NE¼ sec. 29  
 SHIPPING POINT: Plant by trucks  
 GEOLOGIC FORMATION: Laurel limestone  
 THICKNESS OF DEPOSIT: 20 ft.  
 THICKNESS OF OVERBURDEN: 96 in.  
 EQUIPMENT: Link-Belt Speeder ¾-yd. shovel, Ford front-end loader, New Holland primary crusher, Gruendler pulverizer  
 POWER: Diesel  
 DAILY CAPACITY: 250 tons  
 PRODUCTS: Crushed stone  
 PRODUCTION IN TONS:  
 1946: 35,000

**°\*RIPLEY COUNTY CONSTRUCTION COMPANY**  
Osgood

PARTNERS: Howard J. Dean and H. B. McGill  
 QUARRY AND PLANT LOCATION: T. 8 N., R. 11 E., W½SW¼ sec. 22  
 SHIPPING POINT: Osgood by B. & O. RR and trucks  
 GEOLOGIC FORMATION: Laurel limestone  
 THICKNESS OF DEPOSIT: 18-22 ft.  
 THICKNESS OF OVERBURDEN: 5-10 ft.  
 EQUIPMENT: Allis-Chalmers no. 7½ primary crusher, No. 5 and No. 3 secondary, 30 x 24-in. pulverizer, Koering ¾-yd. shovel, Erie ¾-yd. shovel, Oliver Cletrac 55 bulldozer  
 POWER: Electric  
 EMPLOYEES: 15  
 DAILY CAPACITY: 500 tons  
 PRODUCTS: Agricultural and crushed limestone  
 PRODUCTION IN TONS:  
 1944: 44,700  
 1945: 40,000  
 1946: 65,000

## RUSH COUNTY

## °McCORKLE STONE COMPANY

Milroy  
 MANAGEMENT: K. U. McCorkle  
 QUARRY AND PLANT LOCATION: T. 12  
 N., R. 9 E., NW $\frac{1}{4}$ NW $\frac{1}{4}$  sec. 17  
 GEOLOGIC FORMATION: Geneva dolomite  
 THICKNESS OF DEPOSIT: 24 ft.  
 THICKNESS OF OVERBURDEN: 36 in.  
 EQUIPMENT: 2 Unit  $\frac{3}{4}$ -yd. shovels, 30-30  
 New Holland impact crusher, Pioneer roll-  
 crusher, Stedman cage mill  
 POWER: Electric  
 EMPLOYEES: 9  
 DAILY CAPACITY: 600 tons  
 PRODUCTS: Agricultural and crushed lime-  
 stone (See also Concrete Products)  
 EMPLOYEES: 9  
 PRODUCTION IN TONS:  
 1946: 90,000 ( $\frac{2}{3}$  of it agricultural lime)

## °RUSH COUNTY STONE COMPANY

Moscow (P. O. Milroy)  
 OWNER: Russell Prall  
 QUARRY AND PLANT LOCATION: T. 12  
 N., R. 9 E., W $\frac{1}{2}$ SE $\frac{1}{4}$  sec. 18  
 SHIPPING POINT: Plant by trucks  
 GEOLOGIC FORMATION: Geneva dolomite  
 THICKNESS OF DEPOSIT: 23 ft.  
 THICKNESS OF OVERBURDEN: 48 in.  
 EQUIPMENT: Koering  $\frac{3}{4}$ -yd. shovel, Allis-  
 Chalmers Superior-McCulley gyratory crush-  
 er, Austin-Western reduction crusher, Sym-  
 mond 3-ft. short-head cone-crusher  
 POWER: Electric  
 EMPLOYEES: 14  
 DAILY CAPACITY: 400 tons  
 PRODUCTS: Crushed and agricultural lime-  
 stone  
 PRODUCTION IN TONS:  
 1946: 43,324 crushed stone  
 10,180 ag-lime

## SCOTT COUNTY

## °\*RADCLIFF AND BERRY, INC.

(Trade name—Scott County Stone Company)  
 Hardinsburg  
 MANAGEMENT: See Orange County  
 P. O.: Scottsburg  
 QUARRY AND PLANT LOCATION: T. 3  
 N., R. 8 E., SE $\frac{1}{4}$  sec. 20  
 SHIPPING POINT: Blocher by railroad and  
 trucks  
 GEOLOGIC FORMATION: Jeffersonville  
 limestone  
 THICKNESS OF DEPOSIT: 70 ft. face with  
 ledges up to 96 in. thick  
 THICKNESS OF OVERBURDEN: 15 ft.  
 EQUIPMENT: 1 $\frac{1}{4}$ -yd. diesel power shovel,  
 HD14 bulldozer, 21 x 38-in. jaw crusher, 10  
 x 40-in. jaw crusher, 20-in. gyratory crusher,  
 and Stedman 30 x 24-in. hammer-mill  
 POWER: Electric  
 EMPLOYEES: 12  
 DAILY CAPACITY: 1,400 tons  
 PRODUCTS: Crushed and agricultural lime-  
 stone  
 PRODUCTION IN TONS:  
 1940: 135,815  
 1941: 155,101  
 1942: 95,921  
 1943: 66,022  
 1944: 59,045  
 1945: 85,580  
 1946: 117,395

## SHELBY COUNTY

## °BURKE STONE COMPANY

Box 123, Shelbyville  
 OWNER, GEN. MGR.: H. S. Burke  
 QUARRY AND PLANT LOCATION: T. 11  
 N., R. 7 E., SW $\frac{1}{4}$ SE $\frac{1}{4}$  sec. 29  
 GEOLOGIC FORMATION: Geneva dolomite  
 THICKNESS OF DEPOSIT: 18 ft.  
 THICKNESS OF OVERBURDEN: 48 in.  
 EQUIPMENT: Insley  $\frac{3}{4}$ -yd. gas shovel,  
 Western-Aurora 11 x 20-in. jaw crusher;  
 Stover hammer-mill  
 POWER: Gasoline  
 EMPLOYEES: 4  
 DAILY CAPACITY: 100 tons  
 PRODUCTS: Agricultural limestone  
 PRODUCTION IN TONS:  
 1946: 12,000

## CAVE STONE COMPANY

Geneva  
 °ST. PAUL STONE QUARRIES

St. Paul  
 MANAGEMENT: Wallace Fairbanks  
 QUARRY AND PLANT LOCATION: T. 11  
 N., R. 8 E., NE $\frac{1}{4}$ NW $\frac{1}{4}$  sec. 9  
 GEOLOGIC FORMATION: Laurel limestone  
 THICKNESS OF DEPOSIT: 27 ft. (only 96  
 in. being quarried now)  
 THICKNESS OF OVERBURDEN: 42 in.  
 EQUIPMENT: Link-Belt  $\frac{3}{4}$ -yd. gasoline  
 shovel, N-4 TelSmith gyratory crusher,  
 Stedman hammer-mill  
 POWER: Electric  
 EMPLOYEES: 6  
 DAILY CAPACITY: 150 tons  
 PRODUCTS: Agricultural limestone and  
 crushed stone

## SULLIVAN COUNTY

## °KIXMILLER BROTHERS

Freelandville  
 QUARRY AND PLANT LOCATION: T. 6  
 N., R. 8 W., SE $\frac{1}{4}$ SW $\frac{1}{4}$  sec. 28  
 SHIPPING POINT: Plant by trucks  
 GEOLOGIC FORMATION: Mariah Creek  
 limestone  
 THICKNESS OF DEPOSIT: 60 in.  
 THICKNESS OF OVERBURDEN: 18 ft.  
 EQUIPMENT: Bulldozer,  $\frac{3}{4}$ -yd. Traxcava-  
 tor, jaw crusher, and American pulverizer  
 POWER: Crusher—diesel; conveyor—electric  
 EMPLOYEES: 8  
 HOURLY CAPACITY: 15 tons  
 PRODUCTS: Agricultural limestone  
 PRODUCTION IN TONS:  
 1946: 7,000  
 REMARKS: Operations began August 1946.

## SWITZERLAND COUNTY

## °LEATHERBURY BROTHERS

Pleasant  
 PARTNERS: Clarence and Chester Leather-  
 bury  
 QUARRY AND PLANT LOCATION: T. 5  
 N., R. 12 E., SW $\frac{1}{4}$  sec. 9  
 SHIPPING POINT: Plant by trucks  
 EQUIPMENT: International I-4 tractor  
 hoist, Good-Roads 10 x 21-in. jaw crusher,  
 2 Day hammer-mills  
 EMPLOYEES: 4

DAILY CAPACITY: 200 tons  
 PRODUCTS: Agricultural and crushed lime-  
 stone

## WASHINGTON COUNTY

## °HOOSIER LIME AND STONE COMPANY

Box 492, Salem  
 OWNER: Heber Hobbs  
 QUARRY AND PLANT LOCATION: T. 2  
 N., R. 3 E., NE $\frac{1}{4}$  sec. 24  
 THICKNESS OF DEPOSIT: 40 ft.  
 THICKNESS OF OVERBURDEN: 36 in.  
 EQUIPMENT: Thew 1 $\frac{1}{2}$ -yd. shovel, bull-  
 dozer, Pioneer 21 x 36-in. jaw crusher,  
 Williams Slugger hammer-mill  
 POWER: Electric  
 EMPLOYEES: 14  
 ANNUAL CAPACITY: 18,000 tons  
 PRODUCTS: Agricultural and crushed lime-  
 stone  
 REMARKS: Quarry and plant opened in 1947

## WASHINGTON COUNTY QUARRY

Salem  
 QUARRY AND PLANT LOCATION: T. 2  
 N., R. 3 E., sec. 31  
 GEOLOGIC FORMATION: Ste. Genevieve  
 limestone  
 THICKNESS OF DEPOSIT: 46 ft.

## WAYNE COUNTY

## LOUISVILLE CEMENT CORPORATION

Louisville, Kentucky  
 MANAGEMENT: See Clark County

QUARRY LOCATION: 3 miles southeast of  
 Richmond  
 GEOLOGIC FORMATION: Richmond sec-  
 tion  
 REMARKS: See Clark and Harrison Coun-  
 ties, and Portland Cement (Clark County)

## WELLS COUNTY

## °ERIE STONE COMPANY

Toledo, Ohio  
 MANAGEMENT: See Huntington County  
 PLANT MGR.: F. M. Paxson  
 P. O.: Bluffton  
 QUARRY AND PLANT LOCATION: T. 27  
 N., R. 12 E., sec. 28  
 SHIPPING POINT: Bluffton by Nickel  
 Plate RR and trucks  
 GEOLOGIC FORMATION: Reef in Liston  
 Creek limestone  
 THICKNESS OF DEPOSIT: 45-50 ft.  
 THICKNESS OF OVERBURDEN: 48 in.  
 EQUIPMENT: 3-yd. steam shovel, 27-in.  
 crusher  
 POWER: Electric  
 EMPLOYEES: 23  
 DAILY CAPACITY: 1,250 tons (10-hr. day)  
 PRODUCTS: Agricultural lime and crushed  
 stone  
 PRODUCTION IN TONS:  
 1946: 275,000

## HELLER STONE COMPANY

R. F. D. 1, Bluffton  
 ANNUAL CAPACITY: 100,000 tons  
 PRODUCTS: Crushed stone

## L I M E S T O N E

## Building Stone

## LAWRENCE COUNTY

**EDINGER COMPANY, EDWARD**  
Bedford

PRES.: Edward Edinger  
GEOLOGIC FORMATION: Salem limestone  
PRODUCTS: Building stone  
EMPLOYEES: 25-50

**FURST COMPANY, CARL**

Box 469, Bedford  
See Monroe County

**\*HELTONVILLE LIMESTONE COMPANY**

Heltonville  
PRES.: John D. Fuller  
QUARRY LOCATION: T. 6 N., R. 1 E., NE $\frac{1}{4}$  sec. 24  
SHIPPING POINT: Plant by C. M. St. P. & P. RR and trucks  
GEOLOGIC FORMATION: Salem limestone  
THICKNESS OF DEPOSIT: 25 ft.  
THICKNESS OF OVERBURDEN: 60 in.  
EQUIPMENT: 9 gang saws, 11 planers, 5 channelling machines, 5 derricks  
PRODUCTS: Building stone. See also Limestone—Agricultural and Crushed  
PRODUCTION OF BLOCKS IN CU. FT.:  
1940: 180,000  
1941: 220,000  
1942-44: None  
1945: 130,000  
1946: 210,000

**\*INDIANA LIMESTONE COMPANY, INC.**

Bedford  
PRES.: W. G. Riley  
QUARRY AND MILL LOCATION: Lawrence and Monroe Counties  
SHIPPING POINT: Bedford and Bloomington by C. I. & L. and C. M. St. P. & P. RRs  
GEOLOGIC FORMATION: Salem limestone  
THICKNESS OF DEPOSIT: 35 ft.  
THICKNESS OF OVERBURDEN: 25 ft.  
EQUIPMENT: 56 gang saws, 55 planers, 75 channelling machines, 100 derricks  
DAILY CAPACITY: 6,000 cu. ft.  
PRODUCTION OF BLOCKS IN CU. FT.:  
1940: 655,000  
1941: 204,000  
1942-45: None  
1946: 1,900,000  
PRODUCTION OF SLABS IN CU. FT.:  
1940: 176,894  
1941: 48,495  
1942: 24,353  
1943: 5,988  
1944: 7,406  
1945: 79,629  
1946: 317,491  
PRODUCTION OF FLUX IN TONS:  
1940: 54,900  
1941: 45,630  
1942: 58,920  
1943: 122,535  
1944: 85,005  
1945: 57,150  
1946: 32,670

**\*INGALLS STONE COMPANY**

Bedford  
See Owen County

## M O N R O E C O U N T Y

**\*BLOOMINGTON LIMESTONE CORPORATION, THE**

Bloomington  
PRES.: D. G. Wylie  
Bloomington Quarry  
QUARRY LOCATION: T. 8 N., R. 2 W., secs. 35 and 36  
MILL LOCATION: Perry township  
SHIPPING POINT: Bloomington by C. I. & L. RR  
GEOLOGIC FORMATION: Salem limestone  
THICKNESS OF DEPOSIT: 35 ft.  
THICKNESS OF OVERBURDEN: 15 ft.  
EQUIPMENT: 3 gang saws, 8 planers  
DAILY CAPACITY: 200-500 cu. ft. (8-hr. day)  
PRODUCTS: Building stone  
PRODUCTION OF BLOCKS IN CU. FT.:  
1940: 299,830  
1941: 182,133  
1942: 108,602  
1943-45: None  
1946: 158,656

## Clear Creek Quarry

QUARRY AND MILL LOCATION: T. 8 N., R. 1 W., secs. 18, 20, 28, and 33  
SHIPPING POINT: Clear Creek by C. I. & L. RR  
GEOLOGIC FORMATION: Salem limestone  
THICKNESS OF DEPOSIT: 50 ft.  
THICKNESS OF OVERBURDEN: 15 ft.  
EQUIPMENT: 10 gang saws, 8 planers  
DAILY CAPACITY: 200-600 cu. ft.  
PRODUCTS: Building stone  
PRODUCTION OF BLOCKS IN CU. FT.:  
1940: 162,953  
1941: 176,894  
1942: 71,491  
1943-45: None  
1946: 280,527

**\*EMPIRE STONE COMPANY**

Bloomington  
PRES.: Hays H. Buskirk  
SECY.: Allen V. Buskirk  
QUARRY AND MILL LOCATION: T. 8 N., R. 1 W., sec. 33  
SHIPPING POINT: Clear Creek by C. I. & L. RR  
GEOLOGIC FORMATION: Salem limestone  
THICKNESS OF DEPOSIT: 60 ft.  
THICKNESS OF OVERBURDEN: 10-15 ft.  
EQUIPMENT: 11 channelling machines, 11 derricks, 8 gang saws  
DAILY CAPACITY: 1,600 cu. ft. (10-hr. day)  
PRODUCTS: Building stone  
PRODUCTION OF BLOCKS IN CU. FT.:  
1940: 108,568  
1941: 93,931  
1942: 156,178  
1943: 148,416  
1944: 114,159  
1945: 174,031  
1946: 193,106

## P R O D U C T I O N O F S L A B S I N C U . F T . :

1940: 90,959  
1941: 148,058  
1942: 22,744  
1943: 21,823  
1944: 53,611  
1945: 100,832  
1946: 192,059

## P R O D U C T I O N O F F L U X I N T O N S :

1940: 1,714  
1941: 3,677  
1942: 456  
1943: 3,363  
1944: 6,454  
1945: 5,772  
1946: 3,746

**\*FURST COMPANY, CARL**

Box 469, Bedford  
PRES.: Philip C. Furst  
QUARRY LOCATION: Perry township  
MILL LOCATION: Shawswick township, Lawrence County  
SHIPPING POINT: Bedford by C. I. & L. RR  
GEOLOGIC FORMATION: Salem limestone  
THICKNESS OF DEPOSIT: 50 ft.  
THICKNESS OF OVERBURDEN: 10 ft.  
EQUIPMENT: 8 channelling machines, 5 derricks, 4 gang saws, 10 planers  
DAILY CAPACITY: 512-560 cu. ft.  
PRODUCTS: Building stone  
PRODUCTION OF BLOCKS IN CU. FT.:  
1940: 223,251  
1941: 2,529  
1942-45: None  
1946: 219,826  
PRODUCTION OF SLABS IN CU. FT.:  
1940: 135,046  
1941: 37,082  
1942: 6,940  
1943-45: None  
1946: 27,488  
PRODUCTION OF FLUX IN TONS:  
1940: 6,015  
1941: 5,552  
1942: 1,659  
1943-46: None

**\*HOADLEY QUARRIES, INC., B. G.**

Bloomington  
PRES.: John A. Hoadley  
QUARRY LOCATION: T. 9 N., R. 1 W., sec. 29  
MILL LOCATION: Bloomington township  
SHIPPING POINT: Hunters 70% by RR and 30% by trucks  
GEOLOGIC FORMATION: Salem limestone  
THICKNESS OF DEPOSIT: 20-60 ft.  
THICKNESS OF OVERBURDEN: 0-25 ft.  
EQUIPMENT: 10 channelling machines, 5 derricks, 6 gang saws  
DAILY CAPACITY: 1,800 cu. ft.  
PRODUCTS: Building stone  
PRODUCTION OF BLOCKS IN CU. FT.:  
1940: 383,274  
1941: 509,174  
1942: 282,784 (6 months)  
1943-44: None  
1945: 53,719 (1 month)  
1946: 481,686  
PRODUCTION OF SLABS IN CU. FT.:  
1940: 183,655  
1941: 286,507  
1942: 110,334 (6 months)  
1943-44: None  
1945: 4,300 (1 month)

## P R O D U C T I O N O F F L U X I N T O N S :

1946: 189,182  
1941: 10,466  
1942: 5,967 (6 months)  
1943-45: None  
1946: 5,400

**\*INDEPENDENT LIMESTONE COMPANY**

Bloomington  
PRES.: J. G. Ray  
QUARRY LOCATION: T. 8 N., R. 2 W., sec. 36  
GEOLOGIC FORMATION: Salem limestone  
THICKNESS OF DEPOSIT: 24-30 ft.  
THICKNESS OF OVERBURDEN: 5-20 ft.  
EQUIPMENT: 8 channelling machines, 6 derricks  
PRODUCTS: Building stone  
PRODUCTION OF BLOCKS IN CU. FT.:  
1940: 191,302  
1941: 195,794  
1942: 55,313  
1943: 87,005  
1944: 198,143  
1945: 239,816  
1946: 238,262  
PRODUCTION OF SLABS IN CU. FT.:  
1940: 13,885  
1941: 25,613  
1942: 10,702  
1943: 13,396  
1944: 39,121  
1945: 62,664  
1946: 40,143

**INDIANA LIMESTONE COMPANY, INC.**

Bedford  
MILL LOCATION: Lawrence and Monroe Counties  
See Lawrence County

**\*SWENSON STONE COMPANY**

Bloomington  
OWNER: G. A. Swenson  
QUARRY AND MILL LOCATION: T. 10 N., R. 2 W., sec. 20  
SHIPPING POINT: Ellettsville by trucks  
GEOLOGIC FORMATION: Salem limestone  
THICKNESS OF DEPOSIT: 28 ft.  
THICKNESS OF OVERBURDEN: 5-20 ft.  
EQUIPMENT: 2 channelling machines, 2 derricks, 2 gang saws, 6 planers  
DAILY CAPACITY: 300 cu. ft.  
PRODUCTS: Building stone  
PRODUCTION OF BLOCKS IN CU. FT.:  
1946: 40,000  
REMARKS: Did not quarry until 1946.

**\*TEXAS QUARRIES, INC.**

Austin, Texas  
PRES.: W. H. Johnson  
P. O.: Bloomington  
QUARRY LOCATION: T. 9 N., R. 1, W., sec. 29  
SHIPPING POINT: Bloomington by C. I. & L. RR  
GEOLOGIC FORMATION: Salem limestone  
THICKNESS OF DEPOSIT: 33 ft.  
THICKNESS OF OVERBURDEN: 10 ft.  
EQUIPMENT: 6 channelling machines, 4 derricks  
PRODUCTS: Building stone

## PRODUCTION OF BLOCKS IN CU. FT.:

1940: 450,000  
1941: 400,000  
1942-43: None  
1944: 150,000  
1945: 200,000  
1946: 300,000

## PRODUCTION OF SLABS IN CU. FT.:

1940: 85,000  
1941: 75,000  
1942-43: None  
1944: 35,000  
1945: 30,000  
1946: 21,000

**VICTOR-OOLITIC STONE COMPANY**

Victor

PRES.: John Edgeworth  
GEOLOGIC FORMATION: Salem limestone

**\*WALKER BROTHERS STONE COMPANY**

So. Henderson St., Bloomington

PRES.: Wm. B. Hoadley  
SHIPPING POINT: Ellettsville by C. I. & L. RR  
GEOLOGIC FORMATION: Salem limestone  
THICKNESS OF DEPOSIT: 25 ft.  
THICKNESS OF OVERBURDEN: 10 ft.  
EQUIPMENT: 3 derricks, 3 gang saws, 11 planers  
DAILY CAPACITY: 200 cu. ft.  
PRODUCTS: Building stone  
EMPLOYEES: 40  
PRODUCTION OF BLOCKS IN CU. FT.  
1946: 52,000

**\*WOOLERY STONE COMPANY, INC.**

Bloomington

PRES.: C. C. Woolery

QUARRY LOCATION: T. 8 N., R. 1 W., secs. 7 and 8

MILL LOCATION: T. 8 N., R. 1 W., sec. 32

SHIPPING POINT: Clear Creek by Monon RR and trucks

GEOLOGIC FORMATION: Salem limestone

THICKNESS OF DEPOSIT: 44 ft.

THICKNESS OF OVERBURDEN: 0-10 ft.

EQUIPMENT: 7 channelling machines, 4 derricks, 4 gang saws, 9 planers

DAILY CAPACITY: 1,000 cu. ft.

PRODUCTS: Building stone

PRODUCTION OF BLOCKS IN CU. FT.:

1946: 120,000 (9 months)

PRODUCTION OF SLABS IN CU. FT.:

1946: 113,010 (9 months)

## OWEN COUNTY

**\*INGALLS STONE COMPANY**

Bedford

PRES.: Robert Ingalls

QUARRY LOCATION: Romona

MILL LOCATION: Bedford, Lawrence

County

SHIPPING POINT: Bedford by C. I. & L. and C. M. St. P. & P. RRs.

GEOLOGIC FORMATION: Salem limestone

THICKNESS OF DEPOSIT: 45 ft.

THICKNESS OF OVERBURDEN: 30 ft.

EQUIPMENT: 8 channelling machines, 14 derricks, 18 gang saws, 36 planers

PRODUCTS: Building stone

PRODUCTION OF BLOCKS IN CU. FT.:

1940: 77,166

1941: 15,310

1942: 189,390

1943: 39,139

1944: 12,001

1945: 5,960

1946: 100,317

## PORTLAND CEMENT

Limestone and Shale for

## CLARK COUNTY

**\*LOUISVILLE CEMENT CORPORATION**

315 Guthrie St., Louisville, Ky.

PRES.: H. D. Baylor

VICE PRES.: R. K. Hartsock

CH. ENG.: Thomas McDonald

CHEM.: Wallace Leach

QUARRY LOCATION: Northeast of Speed

PLANT LOCATION: Speed

PROCESS: Dry

LIMESTONE: Jeffersonville

SHALE: New Providence formation

NUMBER OF KILNS: 6 (2 7 x 100-ft., 2

10 x 150-ft., and 2 8 x 10 x 160-ft.)

DAILY CAPACITY: 4,700 bbls. cement

PRODUCTS: Portland cement and brimment (See also Limestone—Agricultural and Crushed)

PRODUCTION ON STONE IN TONS:

1940: 352,555

1941: 410,408

1942: 382,724

1943: 323,584

1944: 241,559

1945: 286,699

1946: 385,454

PRODUCTION OF SHALE IN TONS:

1940: 69,972

1941: 87,935

1942: 85,726

1943: 70,481

1944: 52,675

1945: 60,802

1946: 81,397

PRODUCTION OF CEMENT IN

BARRELS:

1940: 1,429,170

1941: 1,676,247

1942: 1,509,795

1943: 1,244,641

1944: 968,682

1945: 1,108,673

1946: 1,594,731

## JACKSON COUNTY

**LEHIGH CEMENT COMPANY**

Brownstown

MANAGEMENT: John Pillman

PRODUCT: Shale for portland cement

EMPLOYEES: Under 8

## LAWRENCE COUNTY

**\*LEHIGH PORTLAND CEMENT COMPANY**

Young Bldg., Allentown, Penna.

PRES.: Joseph S. Young

VICE PRES., GEN. MGR.: R. R. Bear

PLANT SUPT.: Harold Shellenberger

P. O.: Mitchell

QUARRY LOCATION: T. 4 N., R. 1 E.,

secs. 19 and 30

PLANT LOCATION: Eastern part of Mitchell

LIMESTONE: Salem and lower part of St.

Louis

SHALE: New Providence formation

NUMBER OF KILNS: 10

DAILY CAPACITY: 5,200 bbls. cement

PRODUCTS: Lehigh Portland Cement, Lehigh Early Strength Cement, Lehigh Mortar Cement, and Lehigh Air-Entraining Cement

EMPLOYEES: 100-250

PRODUCTION: Shale and limestone at 300,000 tons a year. Quantity of shale used was approximately 1/5 that of limestone.

## PUTNAM COUNTY

**°LONE STAR CEMENT COMPANY**

342 Madison, New York, N. Y.

VICE PRES.: G. E. Pierson

ASST. TREAS.: J. H. Leikhim

PLANT SUPT.: C. Erdman

INDIANA HEADQUARTERS: 1415 Merchants Bank Bldg., Indianapolis

PLANT P. O.: Limesdale

QUARRY LOCATION: T. 14 N., R. 4 W.,

junction of secs. 28, 29, 32, and 33

PLANT LOCATION: T. 14 N., R. 4 W.,

sec. 32

SHIPPING POINT: Limesdale by Monon and

Pennsylvania RRs

LIMESTONE: Ste. Genevieve

SHALE: From Center Point

KIND OF OPENING: Open pit

THICKNESS OF OVERBURDEN: 5-25 ft.

EQUIPMENT: Bucyrus electric 3½-yd. shovel,

36-in. gyratory crusher, and hammer-mill

NUMBER OF KILNS: 3

DAILY CAPACITY: 1,800 bbls. each kiln

PRODUCTS: Incor cement

EMPLOYEES: 225

ANNUAL CAPACITY: 2,100,000 bbls.

## ROCK OR MINERAL WOOL

Raw Materials for

## CLARK COUNTY

## PROTECTO-WOOL

Jeffersonville

MANAGEMENT: G. H. Coughlin and Michael Zier  
 PRODUCTS: Rock wool insulation  
 EMPLOYEES: 50-100

## WABASH COUNTY

\*CELOTEX CORPORATION,  
THE

120 S. La Salle St., Chicago, Ill.

PRES.: B. G. Dahlberg  
 VICE PRES.: C. G. Muench  
 VICE PRES.: O. S. Mansell  
 VICE PRES.: H. W. Collins  
 VICE PRES.: C. L. Christensen  
 PLANT SUPT.: Al Coleman  
 P. O.: Lagro  
 QUARRY LOCATION: T. 27 N., R. 7 E.,  
 NE $\frac{1}{4}$ NE $\frac{1}{4}$  sec. 3  
 SHIPPING POINT: Lagro by Wabash RR  
 RAW MATERIALS USED: Coke, gravel,  
 dolomite, woolrock, slag, starch, rosin, alum  
 RAW MATERIALS PURCHASED: Coke,  
 gravel, dolomite, slag, starch, rosin, alum  
 SHALE: Mississinewa  
 EQUIPMENT: Hand operated  
 EMPLOYEES: 180  
 DAILY CAPACITY: 9,000 sq. ft. tile; 70 tons  
 wool  
 PRODUCTS: Celotex "Blown-in" rock wool  
 insulation and mineral wool acoustical tile  
 PRODUCTION IN TONS:  
 1942: 13,978  
 1943: 13,764  
 1944: 14,789  
 1945: 17,703  
 1946: 17,534 and 552,000 sq. ft. of tile  
 REMARKS: 2 cupolas, and 2 new ones being  
 built.

°NATIONAL ROCK WOOL  
SALES, INC.

Lagro

GEN. MGR.: Paul Hines  
 QUARRY LOCATION: 1 mile south of Lagro  
 PLANT LOCATION: T. 28 N., R. 7 E.,  
 NE $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$  sec. 34  
 SHIPPING POINT: Lagro by Wabash RR  
 and by truck  
 RAW MATERIALS USED: Coke, coal, shale,  
 steel mill slag  
 RAW MATERIALS PURCHASED: Coke,  
 coal, slag  
 SHALE: Mississinewa  
 EQUIPMENT: Blasting contracted, rock load-  
 ed by small tractor shovel  
 PRODUCTS: Granulated and loose wool, in-  
 sulation batts  
 EMPLOYEES: 50-100  
 DAILY CAPACITY: 90 tons—3 cupolas at  
 1 $\frac{1}{4}$  tons hourly

## WASHINGTON COUNTY

\*SALEM LIME AND STONE  
COMPANY

Salem

PRES., GEN. MGR.: F. H. Colvin  
 SUPT.: Jack Saulman  
 QUARRY LOCATION: T. 2 N., R. 3 E.,  
 SE $\frac{1}{4}$  sec. 13  
 SHIPPING POINT: Salem by Monon RR  
 and trucks  
 RAW MATERIALS USED: Rock and slag  
 RAW MATERIALS PURCHASED: Slag  
 LIMESTONE: Upper part of Salem  
 PRODUCTS: "Salisco" rock wool insulation  
 EMPLOYEES: 50  
 HOURLY CAPACITY: Loose rock wool—4  
 tons; Granulated—4 tons  
 PRODUCTION: Average 200 tons a week

## SAND AND GRAVEL

## ADAMS COUNTY

## LYBARGER GRAVEL COMPANY

R. F. D. 2, Geneva  
 OWNER, MGR.: Lee L. Lybarger  
 EQUIPMENT: Pump  
 PRODUCTS: Washed sand and gravel

YOST BROTHERS SAND AND  
GRAVEL COMPANY

Monmouth  
 PRODUCTS: Gravel

## ALLEN COUNTY

## DENNER BROTHERS GRAVEL

Fort Wayne

IRVING BROTHERS SAND AND  
GRAVEL COMPANY

R. F. D. 1, New Haven  
 GEN. MGR.: Ray Irving

New Haven Pit Deposit

EQUIPMENT: Cableway  
 PRODUCTS: Sand and gravel  
 HOURLY CAPACITY: 50 tons each

New Haven Bank Deposit

EQUIPMENT: Dragline  
 PRODUCTS: Sand and gravel no. 63 to  
 meet Indiana State Highway specifications  
 REMARKS: Plants also at Eaton (J & K  
 Stone Company—See Agricultural Lime-  
 stone—Delaware County); Edinburg (J &  
 K Stone Company—Sand and Gravel—John-  
 son County); Marion (Sand and Gravel—  
 Grant County); Sweetser (Pipe Creek  
 Stone Company—See Agricultural Lime-  
 stone—Grant County)

\*MAY SAND AND GRAVEL  
COMPANY

Sand Point Road, Fort Wayne

PRES.: William May  
 SUPT.: Albert Bergdall  
 PIT LOCATION: T. 30 N., R. 12 E., sec. 29  
 EQUIPMENT: Crane and conveyor  
 PRODUCTS: Concrete products, septic tanks,  
 pit run gravel, sand  
 EMPLOYEES: 4  
 HOURLY CAPACITY: Concrete sand—30  
 tons; asphalt sand—10 tons; brick sand—  
 35 tons; road and concrete gravel—18 tons

## O'CONNOR AND SONS, INC., J. C.

2104 Miner St., Fort Wayne 6

PRES.: R. E. O'Connor  
 VICE PRES.: M. P. O'Connor  
 SECY.: T. L. Asbury  
 TREAS.: R. L. Magee  
 SALES MGR.: J. R. Miller  
 PLANT LOCATION: Peru (See Miami  
 County)

## SOMERS GRAVEL PIT

Fort Wayne

PRODUCTS: Pit run gravel

## BARTHOLOMEW COUNTY

BURNSIDE COMPANY, INC.,  
E. AND T.

R. F. D. 7, Columbus  
 PRES.: E. T. Burnside  
 VICE PRES., MGR.: Tull Burnside  
 PRODUCTS: Gravel, sand, concrete  
 EMPLOYEES: Under 8

## BENTON COUNTY

MOUNT GILBOA GRAVEL  
COMPANY

R. F. D. 1, Fowler  
 OWNER: Ray E. Atkinson  
 SUPT.: Raymond Busey  
 KIND OF OPENING: Wet deposit  
 EQUIPMENT: Stock line cableway and hy-  
 draulic dredge  
 PRODUCTS AND DAILY CAPACITY: Pit  
 run sand and gravel 200 cu. yds., washed  
 sand 80 cu. yds.; washed gravel 120 cu. yds.

## BLACKFORD COUNTY

KNECHT PEAT AND GRAVEL  
COMPANY

R. R. 1, Hartford City  
 PARTNERS: Russell V. Knecht and W. W.  
 Lord  
 KIND OF OPENING: Bank deposit  
 PRODUCTS: Sand and gravel

## BOONE COUNTY

BENNINGTON SAND AND  
GRAVEL

R. F. D. 1, Thorntown  
 OWNER, SUPT.: Lloyd R. Bennington  
 EQUIPMENT: Cableway  
 PRODUCTS: Sand and gravel  
 HOURLY CAPACITY: 100 tons

HOBSON SAND AND GRAVEL,  
DON

R. F. D. 4, Lebanon  
 PIT LOCATION: New Brunswick  
 PRODUCTS: Sand and gravel  
 HOURLY CAPACITY: 25 cu. yds.

## ROUTH GRAVEL PLANT

R. F. D. 1, Zionsville  
 OWNER, SUPT.: Paul N. Routh  
 KIND OF DEPOSIT: Wet pit  
 PRODUCTS: Sand and gravel  
 HOURLY CAPACITY: 50 tons

## CASS COUNTY

\*AMERICAN AGGREGATES  
CORPORATION

Greenville, Ohio  
 PRES.: F. D. Coppock  
 VICE PRES.: Guy C. Baker  
 SECY.-TREAS.: Wm. E. Hole  
 LOCAL MGR.: A. B. Coppock  
 P. O.: Box 508, Logansport  
 SHIPPING POINT: Logansport by Penn-  
 sylvania RR  
 KIND OF DEPOSIT: Terminal moraine

EQUIPMENT: Dredge  
EMPLOYEES: 8-25  
HOURLY CAPACITY: 250 tons  
PRODUCTS: Washed and graded gravel, sand and railroad ballast  
PRODUCTION IN TONS:  
1944: 222,654  
1945: 214,818  
1946: 196,152  
REMARKS: See Marion and Wayne Counties

### \*GREAT LAKES FOUNDRY SAND COMPANY

720 United Artists Bldg., Detroit 26, Michigan  
PRES.: W. J. Muhlitter  
P. O.: Lake Cicott  
PLANT SUPT.: Paul Stuart  
PIT AND PLANT LOCATION: T. 27 N., R. 1 W., sec. 28  
SHIPPING POINT: Lake Cicott by Pennsylvania RR  
EQUIPMENT: Conveyor, speed hoist, crane, and dragline  
EMPLOYEES: 5  
PRODUCTS AND HOURLY CAPACITY: Foundry bank core sands—30 tons; asphalt sand—30 tons

### CLARK COUNTY

#### HIEB SAND AND GRAVEL COMPANY, WALTER T.

R. R. 1, Jeffersonville  
FOREMAN: C. B. Kaiser  
KIND OF DEPOSIT: Pit  
EQUIPMENT: Dredge, crane, and shovel  
PRODUCTS: Washed sand and gravel  
HOURLY CAPACITY: Sand—40 tons; gravel—60 tons; pit run clean—80 tons

#### INGRAM SAND AND GRAVEL COMPANY

Jeffersonville  
MGR.: Warland W. Ingram  
PRODUCTS: Sand and gravel, concrete blocks  
HOURLY CAPACITY: 500 cu. yds.  
EMPLOYEES: 8-25

#### \*SAME GRAVEL COMPANY, YODER

2520 Lincoln Drive, Jeffersonville  
OWNER: Yoder Same  
KIND OF DEPOSIT: Pond  
SHIPPING POINT: New Albany by B & O RR  
EQUIPMENT: Dredge, 6-in. centrifugal pump  
PRODUCTS: Sand, gravel, and concrete blocks  
HOURLY CAPACITY: Sand—40 tons; gravel—20 tons  
EMPLOYEES: 12  
PRODUCTION: 20,000 tons annually

### CLAY COUNTY

#### BRAZIL SAND AND GRAVEL COMPANY

Brazil  
MANAGEMENT: C. A. Murphy  
PRODUCTS: Sand and gravel

#### \*CLARK AND SON

R. R. 5, Brazil  
KIND OF DEPOSIT: River bed 30-40 ft. deep  
EQUIPMENT: Slack line  
PRODUCTS: Washed sand and gravel for county roads  
HOURLY CAPACITY: 10 tons  
EMPLOYEES: 1  
PRODUCTION: 40-90 yds. per day

### CLINTON COUNTY

#### FRANKFORT TRANSIT MIX CONCRETE

Frankfort  
MGR.: Ralph Paddock  
PRODUCTS: Mixed concrete, gravel, sand  
EMPLOYEES: Under 8

### DAVISS COUNTY

#### \*ENGLAND GRAVEL COMPANY, CHARLES

Plainville  
OWNER, GEN. MGR.: Chas. E. England  
SUPT.: Vernon Killion  
PLANT LOCATION: T. 4 N., R. 7 W., sec. 4  
KIND OF DEPOSIT: Glacial 8-ft. surface to 60-ft. depth  
EQUIPMENT: Pump, gyrating screen from 1/8-in. to scalping screen  
PRODUCTS AND HOURLY CAPACITY: Gravel 15 tons; sand 35 tons  
EMPLOYEES: 6  
PRODUCTION IN TONS:  
1940: 38,664  
1941: 52,743  
1942: 104,389  
1943: 45,150  
1944: 53,300  
1945: 37,800  
1946: 34,200

### DEARBORN COUNTY

#### °DEARBORN GRAVEL COMPANY

R. F. D. 1, Lawrenceburg  
GEN. MGR., SUPT.: W. R. Stuard  
PARTNER: W. G. Decker  
QUARRY AND PLANT LOCATION: T. 5 N., R. 1 W., sec. 2  
SHIPPING POINT: Plant by trucks  
KIND OF DEPOSIT: Buried alluvial gravels in Ohio River Valley  
THICKNESS OF DEPOSIT: 80 ft.  
THICKNESS OF OVERBURDEN: 24-72 in.  
EQUIPMENT: 1 1/2-yd. shovel  
PRODUCTS: Sand, gravel, crushed stone, concrete masonry products and reinforced concrete pipe, and transit-mix concrete  
DAILY CAPACITY: 250-300 tons  
EMPLOYEES: 26  
PRODUCTION IN TONS:  
1946: 82,500—gravel

#### \*LAUGHERY GRAVEL COMPANY

Box 67, Aurora  
PARTNER: Harold M. Schuler  
PIT LOCATION: Center township  
SHIPPING POINT: Plant by trucks  
EQUIPMENT: Shovel, cableway, 83 x 36-in. screens, primary crusher  
PRODUCTS: Washed sand and gravel

HOURLY CAPACITY: 40 tons  
EMPLOYEES: 10  
PRODUCTION OF SAND:  
1944: 4,429 cu. yds.  
1945: 10,000 tons  
1946: 11,000 tons  
PRODUCTION OF GRAVEL:  
1944: 21,815 cu. yds.  
1945: 53,175 tons  
1946: 66,175 tons

### DEKALB COUNTY

#### AETNA-SIGLER SAND COMPANY

Garrett  
MANAGEMENT: H. Ollie Sigler  
SUPT.: Harry Larson  
KIND OF DEPOSIT: Bank  
EQUIPMENT: Crane  
PRODUCTS: Sand  
HOURLY CAPACITY: 200 tons

#### AUBURN SAND AND GRAVEL COMPANY

Auburn  
SUPT.: Paul Grogg  
KIND OF DEPOSIT: Wet  
EQUIPMENT: Pump  
PRODUCTS AND HOURLY CAPACITY: Mason sand 30 tons; concrete sand 30 tons; road gravel 20 tons; pea gravel 10 tons; pebble 5 tons; stone 5 tons

#### MASON GRAVEL AND SAND, GEORGE

Edon, Ohio  
PARTNERS: Lowell Mason, Orpha Mason, and Oren Mason  
P. O.: Butler  
PIT LOCATION: 1 mile north of Newville  
EQUIPMENT: Dragline  
PRODUCTS AND DAILY CAPACITY: Washed gravel 175 tons; washed sand 200 tons

#### \*STONESTREET AND BURTZNER BROTHERS

Box 497, Waterloo  
Garrett Pit  
PIT AND PLANT LOCATION: T. 33 N., R. 12 E., sec. 20  
SUPT.: Wilbur Stonestreet  
KIND OF DEPOSIT: Glacial  
EQUIPMENT: Drag scraper, 3 x 6-ft. vibrating screen, 9 x 36-in. jaw crusher  
EMPLOYEES: 3  
PRODUCTS AND DAILY CAPACITY: Washed gravel 325 tons; washed sand 175 tons  
PRODUCTION IN TONS:  
1942: 5,000  
1943: 15,000  
1944: 20,000  
1945: 20,000  
1946: 30,000

Waterloo Pit

PIT AND PLANT LOCATION: T. 35 N., R. 13 E., sec. 30  
SUPT.: John Burtzner  
KIND OF DEPOSIT: Glacial

EQUIPMENT: Drag scraper, 3 x 6-ft. vibrating screen, 12 x 26-in. jaw crusher, 30 x 18-in. roll crusher  
EMPLOYEES: 5  
PRODUCTS AND DAILY CAPACITY: Washed gravel 325 tons, washed sand 175 tons  
PRODUCTION IN TONS:  
1940: 20,000  
1941: 20,000  
1942: 20,000  
1943: 25,000  
1944: 15,000  
1945: 35,000  
1946: 28,000

### DELAWARE COUNTY

#### FULLHART SAND AND GRAVEL

Muncie  
MANAGEMENT: R. E. Fullhart  
PRODUCTS: Sand, gravel, ready-mixed concrete  
EMPLOYEES: 8-25

#### MAGIC CITY GRAVEL COMPANY

Royerton  
PRODUCT: Gravel

#### MUNCIE WASHED SAND AND GRAVEL COMPANY

Muncie  
OWNER: Wm. M. Torrence  
PRODUCTS: Concrete, brick, plastering sand, pit-run washed gravel  
EMPLOYEES: Under 8

#### PARK SAND, GRAVEL, AND READY MIX CONCRETE

Box 247, R. R. 3, Muncie  
PARTNERS: Lowell Park, N. M. Blackburn  
PIT LOCATION: 2 1/2 miles northeast of Muncie  
EQUIPMENT: Slackline  
PRODUCTS: Washed sand and gravel, ready mix concrete  
HOURLY CAPACITY: Sand and gravel 50 tons

### ELKHART COUNTY

#### CHRISTNER GRAVEL

Goshen  
MANAGEMENT: Paul Christner  
PRODUCTS: Gravel

#### DEAL GRAVEL COMPANY

21st St. and Beardsley Ave., Elkhart  
OWNER: C. C. Deal  
SUPT.: J. L. Litke  
KIND OF DEPOSIT: Pit  
EQUIPMENT: Hydraulic dredge  
EMPLOYEES: Under 8  
PRODUCTS AND HOURLY CAPACITY: No. 2 torpedo sand 100 tons, no. 1 mason sand 50 tons, asphalt sand 55 tons, locomotive sand 50 tons, concrete gravel 65 tons, crushed gravel 50 tons

#### FLICK GRAVEL

Goshen  
PRODUCTS: Gravel

**GOSHEN SAND AND GRAVEL COMPANY**

R. F. D. 2, Elkhart  
 MANAGEMENT: John C. Morton, Louis G. Davis  
 KIND OF DEPOSIT: Bank  
 PRODUCTS AND HOURLY CAPACITY:  
 Concrete 15 tons, mason sand 10 tons, pea gravel 7 tons, 1½-in. gravel 3 tons

**LINTON SAND AND GRAVEL COMPANY**

R. F. D. 3, Elkhart  
 SUPT.: Harry Linton  
 EMPLOYEES: Under 8  
 PRODUCTS AND HOURLY CAPACITY:  
 Mason sand 30 cu. yds., torpedo sand 20 cu. yds., gravel 15 cu. yds.

**NIHART GRAVEL**

Middlebury  
 MANAGEMENT: Edward Nihart  
 PRODUCTS: Gravel

**REPLOGLE GRAVEL**

Bristol  
 MANAGEMENT: Edna Replogle  
 PRODUCTS: Gravel

**FAYETTE COUNTY****\*CONNERSVILLE GRAVEL COMPANY, INC.**

Connerville  
 PRES.: R. A. Wilson  
 QUARRY AND PLANT LOCATION: T. 14 N., R. 12 E., sec. 25  
 SHIPPING POINT: Connerville by New York Central RR  
 KIND OF DEPOSIT: Terraces beside river  
 EQUIPMENT: 2-yd. slack line, 3 x 6-ft. 3-deck vibrator, 4 x 8-ft. 3-deck vibrator, 8 x 24-in. jaw crusher, Traylor crusher  
 EMPLOYEES: 9  
 PRODUCTS: Gravel, sand, and concrete blocks  
 PRODUCTION OF SAND AND GRAVEL IN TONS:  
 1941: 36,615  
 1942: 46,530  
 1943: 40,649  
 1944: 22,680  
 1945: 43,596  
 1946: 55,584  
 PRODUCTION OF CONCRETE BLOCKS:  
 1941: 10,000  
 1942: 145,000  
 1943: 50,000  
 1944: 40,000  
 1945: 143,940  
 1946: 262,496

**FLOYD COUNTY****SLIDER, INC., E. T.**

New Albany  
 PRES.: C. C. Slider  
 PLANT SUPT.: Edwin L. Quick  
 KIND OF DEPOSIT: River  
 EQUIPMENT: Dredge  
 PRODUCTS: Washed and screened Ohio River sand, gravel; cement, plaster, lime, and coal

ANNUAL CAPACITY: Sand and gravel 700,000 tons  
 EMPLOYEES: 50-100  
 REMARKS: Affiliated with The E. T. Slider Co., Inc. of Louisville, Kentucky, and Tell City Sand and Gravel Company (Perry County)

**FOUNTAIN COUNTY****\*INTERSTATE SAND AND GRAVEL COMPANY**

Box 72, Covington  
 PRES.: E. H. O'Brien  
 SECY.-TREAS.: T. A. McGurk  
 SUPT.: Roscoe Holycross  
 DEPOSIT AND PLANT LOCATION: T. 20 N., R. 9 W., sec. 34  
 SHIPPING POINT: Kern Siding by New York Central RR and trucks  
 KIND OF DEPOSIT: Bank  
 EQUIPMENT: 1¾-yd. power shovel, 5 screens, 1 10-in. gyratory crusher, 1 8-in. gyratory crusher, 1 30-in. impact crusher  
 PRODUCTS: Bank sand and gravel for building, paving, and ballast  
 ANNUAL CAPACITY: 300,000 tons  
 PRODUCTION IN TONS:  
 1940: 74,420  
 1941: 86,812  
 1942: 78,939  
 1943: 79,272  
 1944: 63,421  
 1945: 105,541  
 1946: 195,889

**\*NEAL GRAVEL COMPANY**

Mattoon, Illinois  
 PRES.: B. E. Neal  
 VICE PRES., SECY.: E. G. Sutton  
 TREAS.: W. E. Laughlin  
 MGR.: F. P. Steinberg  
 PLANT SUPT.: P. R. Means  
 P. O.: Attica  
 PIT AND PLANT LOCATION: T. 21 N., R. 8 W., sec. 12  
 SHIPPING POINT: Attica by Wabash RR  
 KIND OF DEPOSIT: Pit  
 EQUIPMENT: Shovel, screens, washing, and crushing  
 PRODUCTS: Washed sand and gravel  
 HOURLY CAPACITY: 150 tons  
 EMPLOYEES: 25  
 PRODUCTION IN TONS:  
 1940: 166,386  
 1942: 221,002  
 1942: 240,815  
 1943: 136,089  
 1944: 74,948  
 1945: 53,848  
 1946: 112,127  
 REMARKS: See Vermillion and Warren Counties.

**GIBSON COUNTY****\*MT. CARMEL SAND AND GRAVEL COMPANY**

Mt. Carmel, Illinois  
 PARTNERS: A. C. Rehnquist and V. N. Rehnquist  
 DEPOSIT LOCATION: On both the Indiana and Illinois side of the Wabash River near Mt. Carmel, Illinois  
 KIND OF DEPOSIT: River bed  
 EQUIPMENT: Hydraulic dredge

PRODUCTS: Gravel (no. 5) and sand  
 PRODUCTION OF GRAVEL IN TONS:

1940: 60,000  
 1941: 60,000  
 1942: 60,000  
 1943: 60,000  
 1944: 60,000  
 1945: 65,000  
 1946: 70,000

PRODUCTION OF SAND IN TONS:

1940: 20,000  
 1941: 20,000  
 1942: 20,000  
 1943: 20,000  
 1944: 20,000  
 1945: 25,000  
 1946: 25,000

REMARKS: Most of this tonnage was produced on the Illinois side of the Wabash River.

**WHITE RIVER MATERIALS COMPANY**

Hazleton  
 PLANT LOCATION: Vincennes (See Knox County)

**GRANT COUNTY****IRVING BROTHERS GRAVEL COMPANY**

New Haven  
 SUPT.: F. W. Irving  
 P. O.: Marion  
 PRODUCTS AND HOURLY CAPACITY:  
 Gravel 50 tons, sand 30 tons  
 EMPLOYEES: 8-25  
 REMARKS: See Allen County

**MARION CONCRETE BLOCK AND GRAVEL COMPANY**

R. F. D. 5, Bond Road, Marion  
 OWNER, GEN. MGR.: Robert Foltz  
 KIND OF DEPOSIT: Bank  
 EQUIPMENT: Hand mining  
 PRODUCTS: Concrete block and gravel

**S AND L GRAVEL COMPANY**

1807 W. 2nd St., Marion  
 GEN. MGR.: G. J. Latendresse  
 PRODUCTS: Gravel

**SHINHOLT BROTHERS GRAVEL COMPANY**

Fairmount  
 MANAGEMENT: Paul D. Shinholt and Rudolph Shinholt  
 KIND OF DEPOSIT: Pit  
 EQUIPMENT: Dragline  
 PRODUCTS: Sand and pit run gravel  
 HOURLY CAPACITY: 100 tons

**\*WESTERN INDIANA GRAVEL COMPANY**

Lafayette (See Tippecanoe County)  
 SUPT.: D. E. Collins  
 P. O.: Marion  
 PIT LOCATION: Cemetery Road—near Marion city limits

SHIPPING POINT: Plant by Nickel Plate RR and trucks

EQUIPMENT: Dragline and crane  
 PRODUCTS: Crushed gravel, sand and gravel  
 EMPLOYEES: 15  
 PRODUCTION IN TONS:  
 1940: 67,100  
 1941: 67,400  
 1942: 30,000  
 1943: 43,600  
 1944: 30,700  
 1945: 39,000  
 1946: 57,800

**GREENE COUNTY****BORTER GRAVEL COMPANY, EARL**

Newberry  
 KIND OF DEPOSIT: River  
 PLANT LOCATIONS: Both in Bloomfield and Newberry  
 EQUIPMENT: Hydraulic pump with swintek screen nozzle ladder  
 PRODUCTS AND DAILY CAPACITY:  
 Sand 400 tons, gravel 300 tons

**CONCRETE SILO COMPANY**

Bloomfield  
 SUPT.: Webster McIntosh  
 EQUIPMENT: Hydraulic pump  
 PRODUCTS: Sand and gravel and concrete block  
 DAILY CAPACITY: 100 cu. yds.

**HART GRAVEL COMPANY**

Worthington  
 OWNER, SUPT.: Don Rex Hart  
 PIT LOCATION: 2 miles southeast of Worthington  
 PRODUCTS AND ANNUAL CAPACITY:  
 Concrete and mortar sand 50,000 tons, concrete and road gravel 25,000 tons

**HAMILTON COUNTY****BAKER GRAVEL COMPANY**

Noblesville  
 PRODUCT: Gravel

**HANCOCK COUNTY****HOOTON GRAVEL COMPANY**

Greenfield  
 MANAGEMENT: Ray Hooton  
 PRODUCTS: Sand and gravel  
 EMPLOYEES: Under 8

**\*REEVES, DELBERT L.**

Greenfield  
 PIT AND PLANT LOCATION: 1 mile southeast of Eden  
 EQUIPMENT: Cableway and crane  
 EMPLOYEES: 1  
 PRODUCTS: Sand and gravel  
 HOURLY CAPACITY: 35 tons  
 PRODUCTION IN CU. YDS.:  
 1943: 9,000  
 1944: 2,500  
 1945: 6,800  
 1946: 7,500

**STRUBBE, EDWARD G.**

Greenfield  
PLANT LOCATION: 2 miles north and 1/2 mile east of State Road 9 at Greenfield  
PRODUCTS: Washed and screened gravel and sand

**HENDRICKS COUNTY****LOY SAND AND GRAVEL, W. D.**

Plainfield  
PIT LOCATION: Cartersburg  
PRODUCTS: Washed sand and gravel

**HENRY COUNTY****COOPER, PAUL**

Knights town  
KIND OF DEPOSIT: Bank  
DEPOSIT LOCATION: 1 mile west of Knights town  
PRODUCTS: Sand and gravel  
DAILY CAPACITY: 200 cu. yds.

**LEDNUM, JOHN**

Lewisville  
DEPOSIT LOCATION: 3 miles north of Lewisville  
KIND OF DEPOSIT: Pond  
EQUIPMENT: Slack line cableway  
PRODUCTS: Sand and gravel  
DAILY CAPACITY: 150 cu. yds.

**McNEW AND SONS, H. I.**

Knights town  
SUPT.: H. I. McNew  
DEPOSIT LOCATION: 1 mile north of Knights town, R. F. D. 2  
KIND OF DEPOSIT: Bank  
PRODUCTS: Sand and gravel  
DAILY CAPACITY: 100 cu. yds.

**PARKER GRAVEL COMPANY**

Newcastle  
PRODUCTS: Gravel

**HOWARD COUNTY****INDIANA PRODUCTS COMPANY**

Kokomo  
SHIPPING POINT: Kokomo by New York Central RR  
PRODUCTS: Sand

**TRI-STATE SAND AND GRAVEL COMPANY**

Greentown  
REMARKS: 3 portable plants

**WOLF PRODUCTS**

Kokomo  
PRODUCTS: Sand

**JACKSON COUNTY****AHLERT AND SPRAY**

Seymour  
SUPT.: William Spray  
PLANT LOCATIONS: One at Seymour and one at New Elizabethtown

KIND OF DEPOSIT: River  
EQUIPMENT: Hydraulic dredge  
PRODUCTS: Washed sand and gravel

**\*SEYMOUR GRAVEL COMPANY, INC.**

106 W. 2nd St., Seymour  
PRES.: Everett Murray  
SECY.-TREAS.: W. C. Baldwin  
DEPOSIT LOCATION: T. 6 N., R. 5 E., sec. 27  
SHIPPING POINT: Plant by trucks  
KIND OF DEPOSIT: White River  
PRODUCTS AND DAILY CAPACITY:  
Sand 900 cu. yds., gravel 600 cu. yds.  
EMPLOYEES: 5  
PRODUCTION IN TONS:  
1940: 25,000-30,000  
1941: 25,000-30,000  
1942: 25,000-30,000  
1943: 50,000-75,000  
1944: 50,000-75,000  
1945: 50,000-75,000  
1946: 50,000-75,000  
REMARKS: See Limestone—Agricultural and Crushed

**JAY COUNTY****BOWEN, F. R.**

R. F. D. 2, Portland  
OWNER: F. R. Bowen  
PIT LOCATION: 5 miles west of Portland on Hwy. No. 26  
EQUIPMENT: Slack line cableway and crane  
PRODUCTS: Sand and gravel  
DAILY CAPACITY: 200 cu. yds.

**JEFFERSON COUNTY****STANDARD MATERIALS CORPORATION**

2300 Kentucky Ave., Indianapolis  
MANAGEMENT: See Marion County  
PLANT LOCATION: 1 mile west of Hanover  
PRODUCTS: Road gravel

**JOHNSON COUNTY****J AND K STONE COMPANY**

Edinburg  
MANAGEMENT: K. K. Irving  
KIND OF DEPOSIT: Bank  
EQUIPMENT: Dragline and shovels  
PRODUCTS: Sand and gravel  
DAILY CAPACITY: 10,000 tons  
REMARKS: Subsidiary of Irving Brothers Sand and Gravel, New Haven (Allen County)

**KNOX COUNTY****LENAHAN AND KONEN**

Vincennes  
PLANT LOCATION: 2 miles south of Vincennes  
SHIPPING POINT: Vincennes by C. & E. I. RR  
PRODUCTS: Sand, no. 5 and no. 12 gravel

**VINCENNES GRAVEL COMPANY**

Laurenceville, Illinois  
MANAGEMENT: Bryan Riddle, Walter Long

PLANT LOCATION: Vincennes  
PRODUCTS: Sand, gravel, and concrete products  
EMPLOYEES: 8-25

**WHITE RIVER MATERIALS COMPANY**

Hazleton  
PRES., GEN. MGR.: H. M. Phillips  
SECY.-TREAS.: Virginia Phillips  
SUPT.: L. Brice Phillips  
PLANT LOCATION: R. F. D. 5, Vincennes  
KIND OF DEPOSIT: Pit  
EQUIPMENT: Dredge  
PRODUCTS AND HOURLY CAPACITY:  
Washed sand 40 tons, washed gravel 50 tons

**KOSCIUSKO COUNTY****\*STURM AND DILLARD GRAVEL COMPANY, INC.**

Syracuse  
SECY.-TREAS., SUPT.: Chas. H. Purdum  
PIT AND PLANT LOCATION: T. 34 N., R. 6 E., sec. 11  
SHIPPING POINT: Leeland by B & O RR and trucks  
KIND OF DEPOSIT: Glacial  
EQUIPMENT: Hydraulic dredge, screens (1-in., 3/8-in., 1/4-in., 3/16-in., 1/8-in., and 1/16-in.), 6-in. Allis-Chalmers Superior crusher, McCully gyratory crusher  
PRODUCTS AND HOURLY CAPACITY:  
Washed sand 75 tons, gravel 75 tons  
EMPLOYEES: 8-25  
PRODUCTION OF GRAVEL IN TONS:  
1945: 61,000  
1946: 33,000  
PRODUCTION OF SAND IN TONS:  
1945: 80,000  
1946: 171,000

**\*WESTERN INDIANA GRAVEL COMPANY**

Lafayette (See Tippecanoe County)  
SUPT.: J. W. Staup  
P. O.: Leesburg  
DREDGING GROUND AND PLANT LOCATION: T. 33 N., R. 6 E., sec. 8  
SHIPPING POINT: Warsaw by Winona RR  
EQUIPMENT: Hydraulic dredge, steel tipple, vibrating screens, conveyor, and crusher  
PRODUCTS AND ANNUAL CAPACITY:  
Gravel 30,000 tons, sand 70,000 tons  
EMPLOYEES: 14-20  
PRODUCTION IN TONS:  
1940: 108,100  
1941: 103,000  
1942: 166,000  
1943: 115,000  
1944: 129,600  
1945: 128,900  
1946: 181,400

**LAGRANGE COUNTY****BONTRAGER GRAVEL**

Shipshewana  
MANAGEMENT: Eli Bontrager  
PRODUCTS: Gravel

**\*NORTHERN INDIANA SAND AND GRAVEL COMPANY**

Box 23, Wolcottville  
PRES.: Deane Ziegler  
SUPT.: Norris Miller  
DREDGING GROUND LOCATION: A little northeast of Wolcottville  
SHIPPING POINT: Wolcottville by Wabash and Pennsylvania RRs  
EQUIPMENT: 12-in. pipe line and pump  
EMPLOYEES: 15  
PRODUCTS: Washed sand and gravel  
ANNUAL CAPACITY: 300,000 tons  
PRODUCTION IN TONS:  
1946: 260,000

**ROUTSONG GRAVEL**

Mongo  
MANAGEMENT: James Routsong  
PRODUCTS: Gravel

**LAKE COUNTY****BOS SAND COMPANY, JOHN N.**

6600 W. Fullerton, Chicago, Ill.  
PRES.: Nanko C. Bos  
SECY.: W. B. Hughes  
SUPT.: O. W. Steffes  
P. O.: Miller  
KIND OF DEPOSIT: Bank  
SHIPPING POINT: Miller by B & O RR  
EQUIPMENT: Crane  
PRODUCTS: Bank, core, engine, filling, and glass sand  
REMARKS: Plant also at Willow Creek (Porter County)

**INDIANA LAKE SAND COMPANY**

Box 720, Gary  
OWNERS: L. T. Manley and D. E. Manley  
SUPT.: R. E. Manley  
PLANT LOCATION: Dune Park (See Porter County)  
REMARKS: Subsidiary of Manley Sand Company

**LA PORTE COUNTY****CUMERFORD, SHERMAN**

La Porte  
DEPOSIT LOCATION: 12 miles southeast of La Porte on the Kankakee River  
KIND OF DEPOSIT: River  
EQUIPMENT: Hydraulic dredge and dragline  
PRODUCTS AND DAILY CAPACITY:  
Sand 200 cu. yds., gravel 75 cu. yds.

**\*PRODUCERS CORE SAND CORPORATION**

Michigan City  
PRES.: W. H. Baker  
VICE PRES., TREAS.: Carter H. Manny  
SECY.: Nanko C. Bos  
SUPT.: Otto Helsing  
DEPOSIT AND PLANT LOCATION: T. 38 N., R. 4 W., sec. 30  
SHIPPING POINT: Michigan City by C. S. & S. B. RR  
EQUIPMENT: Shovel  
EMPLOYEES: 8-25  
PRODUCTS: Glass, core, and engine sands  
DAILY CAPACITY: 650 cu. yds.



## PRODUCTION IN TONS:

1940: 134,367  
1941: 132,413  
1942: 138,731  
1943: 135,468  
1944: 130,163  
1945: 134,361  
1946: 156,607

**ROSE, JACOB**

Indiana and State Sts., La Porte  
Rolling Prairie Plant  
KIND OF DEPOSIT: Dry pit  
EQUIPMENT: Crane  
PRODUCTS: Sand and gravel  
Union Center Plant

P. O.: Kingsbury  
EQUIPMENT: Dragline  
PRODUCTS: Sand and gravel  
DAILY CAPACITY: 350 cu. yds.

Westville Plant  
KIND OF DEPOSIT: Wet pit  
EQUIPMENT: Crane  
PRODUCTS: Sand and gravel  
REMARKS: See also Porter and St. Joseph Counties

**\*VAN SPANJE, ADOLF**

Michigan City  
PIT AND PLANT LOCATION: T. 38 N.,  
R. 4 W., sec. 22  
SHIPPING POINT: Michigan City by New  
York Central RR  
EQUIPMENT: Locomotive crane  
EMPLOYEES: 3  
PRODUCTS: Sand  
PRODUCTION IN TONS:  
1940: 80,000  
1941: 90,000  
1942: 90,000  
1943: 70,000  
1944: 80,000  
1945: 87,000  
1946: 87,000

## MADISON COUNTY

**ELWOOD SALES AND  
MANUFACTURING COMPANY**

Lafayette  
SECY.-TREAS.: J. H. Law  
SUPT.: John Connors  
PLANT LOCATION: 22nd and E Sts., Elwood  
SHIPPING POINT: Elwood by Nickel Plate  
and Pennsylvania RRs  
EQUIPMENT: Conveyors and cars and lo-  
comotives  
PRODUCTS: Repair and building sand and  
gravel

**McVAUGH AND COMPANY**

Anderson  
MANAGEMENT: W. F. McVaugh  
EMPLOYEES: 8-25  
PRODUCTS: Sand and gravel

**MYERS GRAVEL AND SAND  
COMPANY**

R. F. D. 2, Anderson  
SECY.-TREAS., GEN. MGR.: C. P. Myers  
SUPT.: Alex Faulds  
KIND OF DEPOSIT: Pit

EQUIPMENT: Belt conveyor  
EMPLOYEES: 25-50  
PRODUCTS AND HOURLY CAPACITY:  
Sand 40 tons; washed and graded gravel  
60 tons; washed, crushed, and graded gravel  
35 tons

**\*RICHARDSON AND SONS, R.**

Frankton  
MANAGEMENT: Ralph Richardson  
PIT LOCATION: Pipe Creek township—  
2 miles up Pipe Creek from Frankton  
KIND OF PIT: Dry bank  
SHIPPING POINT: Plant by trucks  
EQUIPMENT: Harnishfeiger dragline and  
loader  
PRODUCTS: Gravel

**STINER GRAVEL COMPANY**

Anderson  
SUPT.: L. W. Stiner  
KIND OF DEPOSIT: Bank  
EQUIPMENT: Conveyor  
PRODUCTS: Sand and gravel, concrete block  
DAILY CAPACITY: Sand and gravel 200  
tons

**\*WESTERN INDIANA GRAVEL  
COMPANY**

Lafayette (See Tippecanoe County)  
MGR.: Tom Wright  
Anderson Plant  
P. O.: Box 787, Anderson  
PIT AND PLANT LOCATION: T. 19 N.,  
R. 8 E., sec. 17  
SHIPPING POINT: Anderson by New York  
Central and Pennsylvania RRs  
SUPT.: Raymond Akers  
EQUIPMENT: Dragline and shovel  
PRODUCTS AND ANNUAL CAPACITY:  
Sand 50,000 tons, gravel 100,000 tons  
PRODUCTION IN TONS:  
1940: 66,300  
1941: 83,100  
1942: 83,900  
1943: 34,400  
1944: 46,400  
1945: 83,900  
1946: 66,800

Dundee Plant

P. O.: Dundee  
PIT AND PLANT LOCATION: T. 21 N.,  
R. 7 E., sec. 21  
SHIPPING POINT: Dundee by Nickel Plate  
RR  
SUPT.: Wilbur Bishop  
EMPLOYEES: 15-20  
PRODUCTS AND ANNUAL CAPACITY:  
Sand 25,000 tons, gravel 100,000 tons  
PRODUCTION IN TONS:  
1940: 61,400  
1941: 49,600  
1942: 84,400  
1943: 51,600  
1944: 65,600  
1945: 75,800  
1946: 77,000

**WRIGHT CEMENT WORKS**

Elwood  
MGR.: Joseph E. Wright  
PRODUCTS: Sand and gravel, concrete blocks,  
"Speed" cement  
EMPLOYEES: Under 8

## MARION COUNTY

**\*AMERICAN AGGREGATES  
CORPORATION**

Greenville, Ohio  
MANAGEMENT: See Cass County  
P. O.: 1400 W. Raymond St., Indianapolis  
KIND OF DEPOSIT: Terminal moraine  
PLANT MGR.: P. C. Sudhoff  
SHIPPING POINT: Indianapolis by Indian-  
apolis Union Belt RR  
EQUIPMENT: Shovel and pump  
EMPLOYEES: 15-40  
PRODUCTS: Sand and gravel  
HOURLY CAPACITY: 300 tons  
PRODUCTION IN TONS:  
1944: 408,261  
1945: 507,945  
1946: 840,790  
REMARKS: See Cass and Wayne Counties

**BUILDERS SAND AND GRAVEL  
COMPANY**

73rd and Keystone Ave., Indianapolis  
MANAGEMENT: E. Spickelmier  
PLANT SUPT.: Chas. Rosenbarger  
KIND OF DEPOSIT: Bank  
EQUIPMENT: Crane  
PRODUCTS: Sand, gravel, and concrete pro-  
ducts  
DAILY CAPACITY: Sand 1,500 tons, gravel  
1,000 tons

**CINDER BLOCK AND  
MATERIAL COMPANY**

2260 Montcalm St., Indianapolis  
PRES., MGR.: Allen C. Miller  
PRODUCTS: Cinder and concrete blocks,  
gravel, concrete joist and other building  
materials  
EMPLOYEES: 25-50

**INDIANA GRAVEL COMPANY,  
INC.**

52nd and Keystone Ave., Indianapolis  
PRES.: Jesse A. Shearer  
EQUIPMENT: Cableway  
PRODUCTS: Sand and gravel  
ANNUAL CAPACITY: 75,000 tons  
EMPLOYEES: 8-25

**JONES AND SONS, JOHN**

2600 W. Raymond St., Indianapolis  
MANAGEMENT: Virgil Jones  
PRODUCTS: Sand and gravel

**MEROM GRAVEL COMPANY,  
THE**

408 Indiana Trust Bldg., Indianapolis  
REMARKS: Plant at Merom (See Sullivan  
County)

**NEAL GRAVEL COMPANY**

W. 34th St., and Eagle Creek, Indianapolis  
OWNER SUPT.: Harry Neal  
KIND OF DEPOSIT: Bank  
EQUIPMENT: Shovel  
PRODUCTS: Pit run sand and gravel

**SPEES GRAVEL COMPANY**

Union Chapel Road, Indianapolis  
MANAGEMENT: George Spees  
KIND OF DEPOSIT: Bank  
PRODUCTS: Sand and gravel  
HOURLY CAPACITY: 90 tons

**STANDARD GRAVEL COMPANY**

Indianapolis  
PIT LOCATION: South side of Indianapolis  
on State Highway 67  
PRODUCTS: Gravel

**STANDARD MATERIALS  
CORPORATION**

2300 Kentucky Ave., Indianapolis  
PRES.: C. B. McCown  
TREAS.: T. L. Harrold  
ASST. TREAS.: C. McDougald  
SECY.: Alvin C. Johnson  
SUPT.: Eugene George  
PRODUCTS: Sand and gravel  
HOURLY CAPACITY: 300 tons  
EMPLOYEES: 8-25  
REMARKS: Plants also at Clinton (Vermil-  
ion County), Hanover (Jefferson County),  
and Lapel (Madison County—Agricultural  
Limestone)

**STATE SAND AND GRAVEL  
COMPANY**

Indianapolis  
MANAGEMENT: W. E. Shumaker, F. Tollen  
KIND OF DEPOSIT: Pit  
PRODUCTS: Lime, putty, sand and gravel  
REMARKS: Subsidiary of Heston Concrete  
Company (See Concrete Products—Marion  
County)

## MARSHALL COUNTY

**GOSS GRAVEL PIT, O. S.**

R. F. D. 3, Plymouth  
OWNER: O. S. Goss  
KIND OF DEPOSIT: Bank  
EQUIPMENT: Dragline  
PRODUCTS: Concrete gravel, mason sand,  
road gravel

**WOOD GRAVEL COMPANY,  
MARVIN B.**

Plymouth  
EQUIPMENT: Conveyor  
PRODUCTS: Sand and gravel  
HOURLY CAPACITY: 25 cu. yds.  
REMARKS: Portable plant

## MIAMI COUNTY

**CARVEY AND TOMBAUGH  
GRAVEL COMPANY**

Perrysburg  
PRODUCTS: Gravel

**KICKAPOO SAND AND GRAVEL  
COMPANY**

Box 112, Peru  
MANAGEMENT: J. A. O'Connor, Robert E.  
O'Connor, J. R. Miller (Supt.)

KIND OF DEPOSIT: Pit  
 SHIPPING POINT: Peru by C. & O. RR  
 EQUIPMENT: Dragline  
 PRODUCTS AND DAILY CAPACITY:  
 Sand 100 tons, gravel and ballast 200 tons  
 REMARKS: Subsidiary of J. C. O'Connor and  
 Sons, Inc., Fort Wayne (Allen County)

**O'CONNOR AND SONS, INC., J. C.**  
 Fort Wayne

MANAGEMENT: See Allen County  
 P. O.: Box 69, Peru  
 SUPT.: Ray Tucker  
 SHIPPING POINT: Peru by RR  
 KIND OF DEPOSIT: Pit  
 EQUIPMENT: Dragline  
 PRODUCTS: Sand and gravel  
 HOURLY CAPACITY: 200 tons

**MONROE COUNTY**

**\*READY-MIX CONCRETE  
 COMPANY**  
 Bloomington

SALES MGR.: Ben Rechter  
 PLANT SUPT.: Gus Sieboldt  
 PIT LOCATION: Bloomington township  
 SHIPPING POINT: Bloomington by Illinois  
 Central RR and trucks  
 PRODUCTS: Sand, gravel, concrete, concrete  
 products  
 EMPLOYEES: 25-50  
 REMARKS: Part of sand and gravel used for  
 the concrete products is purchased. Company  
 is division of Ralph Rogers and Company  
 (See Limestone—Agricultural and Crushed)

**MONTGOMERY COUNTY**

**\*KITTS GRAVEL COMPANY**  
 Crawfordsville

PARTNERS: James A. Kitts and Robert M.  
 Kitts

PIT AND PLANT LOCATION: T. 19 N.,  
 R. 5 W., sec. 28

SHIPPING POINT: Plant by trucks  
 EQUIPMENT: Slackline and dragline  
 EMPLOYEES: Under 8  
 PRODUCTS: Screened gravel and fill gravel  
 PRODUCTION IN YDS.:  
 1945: 10,632  
 1946: 19,846

**MORGAN COUNTY**

**ALLEN CONSTRUCTION  
 COMPANY**  
 Mooresville

PIT LOCATION: Southeast side of Moores-  
 ville  
 PRODUCTS: Sand and gravel

**HILL GRAVEL PLANT, PERLE**  
 R. F. D. 5, Martinsville

KIND OF DEPOSIT: River  
 EQUIPMENT: Pump and slackline  
 PRODUCTS: Washed sand and gravel  
 HOURLY CAPACITY: 40 tons

**SANDY GRAVEL COMPANY,  
 RALPH A.**

Martinsville  
 DEPOSIT LOCATION: 6 miles northeast  
 of Martinsville  
 KIND OF DEPOSIT: River  
 EQUIPMENT: Pump and slackline  
 PRODUCTS: Washed sand and gravel  
 HOURLY CAPACITY: 40 tons

**NOBLE COUNTY**

**GIEGER PIT**

E. Wolf Lake  
 PRODUCTS: Pit run gravel

**OWEN COUNTY**

**\*GOSPORT GRAVEL COMPANY,  
 INC.**

Box 116, Gosport  
 PRES.: Harry Berry  
 TREAS.: Ralph Rogers  
 SECY.: W. K. Sowers  
 SALES MGR.: Ben Rechter  
 SUPT.: Guy Carothers  
 PIT AND PLANT LOCATION: Wayne  
 township  
 SHIPPING POINT: Gosport by Monon RR  
 KIND OF DEPOSIT: Glacial  
 EQUIPMENT: Dredge, 8 x 10-in. screen and  
 crusher  
 EMPLOYEES: 7  
 PRODUCTS AND HOURLY CAPACITY:  
 Sand 80 tons, gravel 50 tons  
 PRODUCTION IN TONS:  
 1940: 37,177  
 1941: 35,028  
 1942: 37,453  
 1943: 31,476  
 1944: 26,926  
 1945: 28,743  
 1946: 69,917

REMARKS: Affiliated with Ready-Mix  
 Concrete Company, Bloomington (Monroe  
 County)

**WINDERS AND SONS, CLAYTON**

Spencer  
 EQUIPMENT: Hydraulic dredge and dragline  
 PRODUCTS: Sand, gravel, and stone

**PARKE COUNTY**

**DICK, ELBERT**

Montezuma  
 OWNER: Elbert Dick  
 MGR.: Claud Cook  
 PRODUCTS: Sand and gravel

**\*WESTERN INDIANA GRAVEL  
 COMPANY**

Lafayette (See Tippecanoe County)  
 SUPT.: Fred Mathas  
 P. O.: Montezuma  
 DEPOSIT AND PLANT LOCATION: T. 15  
 N., R. 9 W., sec. 1  
 SHIPPING POINT: Montezuma by B & O  
 RR

EQUIPMENT: Dragline  
 EMPLOYEES: 12-20  
 PRODUCTS: Washed and graded sand and  
 gravel

DAILY CAPACITY: Sand 300 tons, gravel  
 700 tons  
 PRODUCTION IN TONS:  
 1943: 100,400  
 1944: 109,200  
 1945: 158,900  
 1946: 132,400  
 REMARKS: Plant was purchased in 1942  
 from Montezuma Sand and Gravel Company

**PERRY COUNTY**

**TELL CITY SAND AND GRAVEL  
 COMPANY**

Tell City  
 PRES.: C. C. Slider  
 SECY.-TREAS.: A. O. Schoo  
 KIND OF DEPOSIT: River  
 EQUIPMENT: Dredge  
 PRODUCTS: Sand and gravel  
 ANNUAL CAPACITY: 300,000 tons  
 REMARKS: Affiliated with E. T. Slider,  
 Inc. of New Albany (Floyd County)

**PORTER COUNTY**

**AETNA-SUPERIOR SAND  
 COMPANY**

Chicago, Ill.  
 P. O.: Dune Park  
 SUPT.: Harry Larson  
 EQUIPMENT: Crane  
 PRODUCTS: Silica sand  
 HOURLY CAPACITY: 200 tons

**BOS SAND COMPANY, JOHN N.**

6600 W. Fullerton, Chicago, Illinois  
 PRES.: Nanko C. Bos  
 SECY.: Crisman (Willow Creek)  
 KIND OF DEPOSIT: Bank  
 EQUIPMENT: Crane  
 PRODUCTS: Asphalt, bank, core, engine,  
 filling, and glass sand  
 REMARKS: Plant also at Miller (Lake  
 County)

**\*CRISMAN SAND COMPANY**  
 Crisman

PRES.: Aplin A. Anderson  
 SECY.: Jos. N. Nicholson  
 PIT AND PLANT LOCATION: T. 36 N.,  
 R. 6 W., sec. 6  
 SHIPPING POINT: Willow Creek by Michi-  
 gan Central RR  
 EQUIPMENT: Two ¾-yd. steam clamshell  
 cranes  
 EMPLOYEES: 5  
 PRODUCTS: Natural bonded furnace sand  
 PRODUCTION IN CARLOADS:  
 1940: 1,285  
 1941: 1,889  
 1942: 1,862  
 1943: 1,714  
 1944: 1,640  
 1945: 1,399  
 1946: 1,439

**INDIANA LAKE SAND  
 COMPANY**

Box 720, Gary  
 OWNERS: L. T. Manley and D. E. Manley  
 SUPT.: R. E. Manley  
 P. O.: Dune Park

PRODUCTS: Dried and screened lake sand  
 REMARKS: Branch of Manley Sand Com-  
 pany. See Lake County

**ROSE, JACOB**

La Porte (See La Porte County)  
 PLANT LOCATION: 3½ miles east of Val-  
 paraiso  
 KIND OF DEPOSIT: Wet pit  
 EQUIPMENT: Crane  
 PRODUCTS: Sand and gravel

**POSEY COUNTY**

**\*HAGEMAN SAND AND GRAVEL  
 COMPANY**

Mt. Vernon  
 PIT LOCATION: Between Wabash River  
 and Mt. Vernon—1 mile from the river  
 SHIPPING POINT: Upton by L & N RR  
 EQUIPMENT: Centrifugal pumps and screens  
 EMPLOYEES: 12  
 PRODUCTS: Sand and gravel  
 PRODUCTION IN CARLOADS:  
 1946: 700

**HOCKMAN, R. C.**

New Harmony  
 KIND OF DEPOSIT: Wabash River  
 EQUIPMENT: Hydraulic pump  
 EMPLOYEES: Under 8  
 PRODUCTS: Sand and gravel  
 ANNUAL CAPACITY: 30,000 cu. yds.

**KOCH SAND AND GRAVEL  
 COMPANY**

Evansville (See Vanderburg County)  
 DEPOSIT AND PLANT LOCATION: Mt.  
 Vernon  
 SHIPPING POINT: Mt. Vernon by L & N  
 RR  
 KIND OF DEPOSIT: River  
 EQUIPMENT: Pump  
 PRODUCTS: Sand and no. 5 gravel  
 ANNUAL CAPACITY: 75,000 tons

**PULASKI COUNTY**

**STEELE SAND AND GRAVEL,  
 HOWARD**

Thornhope  
 DEPOSIT LOCATION: 6 miles east of  
 Thornhope  
 PRODUCTS: Sand and gravel  
 REMARKS: Branch of Knox (Starke County)

**RANDOLPH COUNTY**

**FETTERS AND RETZ**

Box 3, Winchester  
 EQUIPMENT: Cableway  
 PRODUCTS: Washed sand and gravel  
 DAILY CAPACITY: 275 cu. yds.

**HUTCHENS SAND AND GRAVEL  
 COMPANY**

Lynn  
 OWNER: George E. Hutchens  
 KIND OF DEPOSIT: Pond  
 EQUIPMENT: Dragline  
 PRODUCTS: Pit run gravel, sand

**SKINNER SAND AND GRAVEL COMPANY, EARL**

Lynn  
DEPOSIT LOCATION: 1 mile west of Lynn on R. F. D. 2  
PRODUCTS: Sand and gravel  
HOURLY CAPACITY: 40 cu. yds.

**UNION SAND AND GRAVEL COMPANY**

120 Elm, Union City  
MANAGEMENT: See Concrete Products—Randolph County  
P. O.: Winchester  
PRODUCTS: Sand, gravel, and ready-mix concrete

**RUSH COUNTY****PITTS, CARROL**

R. F. D. 1, Manilla  
PRODUCTS: Gravel, cement block  
DAILY CAPACITY: Gravel 100 cu. yds.

**WOLFAL COMPANY, W. P.**

Rushville  
KIND OF DEPOSIT: Pond  
EQUIPMENT: Cableway, crane, dragline, and shovel  
PRODUCTS AND HOURLY CAPACITY: Fill gravel 50 tons, road gravel 35 tons, and cement gravel 35 tons

**ST. JOSEPH COUNTY****DRY ISLAND SAND AND GRAVEL COMPANY**

Mishawaka  
PROP.: V. R. Britton  
PRODUCTS: Sand and gravel

**ROSE, JACOB**

La Porte (See La Porte County)  
PIT AND PLANT LOCATION: Crumstown  
KIND OF DEPOSIT: Pit  
EQUIPMENT: Crane  
PRODUCTS: Sand and gravel

**\*SMELSER INC., C. D.**

511 W. Colfax Ave., South Bend  
PRES.: C. D. Smelser  
VICE PRES.: Albert Smelser  
SECY.-TREAS.: Dolly O. Smelser  
Mishawaka Plant  
PIT AND PLANT LOCATION: T. 38 N., R. 2 E., sec. 31  
EQUIPMENT: Hydraulic dredge, 4 x 8 in. screen, 2 crushers  
PRODUCTS: Crushed gravel and sand  
DAILY CAPACITY: Gravel 800 tons  
REMARKS: Operation started in March 1947  
South Bend Plant  
DREDGING GROUND AND PLANT LOCATION: T. 37 N., R. 3 E., sec. 11  
EQUIPMENT: Power shovel, dragline, 3 x 9-in. screens  
PRODUCTS: Crushed gravel  
PRODUCTION IN TONS:  
1940: 20,000  
1941: 20,000

1942: 20,000  
1943: 20,000  
1944: 20,000  
1945: 10,000  
1946: 10,000

**\*SOUTH BEND SAND AND GRAVEL CORPORATION**

3113 Lincoln Way West, South Bend 19  
PRES.: D. C. Hay  
VICE PRES., SUPT.: J. B. Christman, Jr.  
SECY.-TREAS.: F. R. Morrow  
DEPOSIT LOCATIONS: T. 37 N., R. 2 E., sec. 3, and T. 38 N., R. 2 E., sec. 34  
KIND OF DEPOSITS: Dry bank  
SHIPPING POINT: South Bend by South Shore RR  
GEOLOGIC FORMATION: Maxinkuckee moraine  
EQUIPMENT: Shovel, dragline, 3 3-deck vibrating screens, 2 crushers  
PRODUCTS: Washed sand and gravel  
ANNUAL CAPACITY: 125,000 tons

**\*WESTERN INDIANA GRAVEL COMPANY**

Lafayette (See Tippecanoe County)  
P. O.: South Bend  
PIT AND PLANT LOCATION: T. 37 N., R. 2 E., sec. 31  
SHIPPING POINT: Rupel by New York Central RR  
SUPT.: Max Harris  
EQUIPMENT: 1½-yd. slackline, 1½-yd. dragline, crane, locomotive, crushers, vibrating screens, conveyors  
PRODUCTS: Washed and graded sand and gravel  
EMPLOYEES: 10  
PRODUCTION IN TONS:  
1946: 30,000  
REMARKS: Proposed production for 1947—1,000 tons daily

**SHELBY COUNTY****BURNSIDE, E. T.**

R. F. D. 2, Shelbyville  
MGR.: Carl Hester  
PRODUCTS: Sand, gravel, and concrete  
ANNUAL CAPACITY: 30,000 tons sand and gravel

**SHELBYVILLE GRAVEL COMPANY**

Shelbyville  
PRODUCTS: Gravel

**SPENCER COUNTY****\*BEDFORD-NUGENT COMPANY**

Evansville (See Vanderburg County)  
P. O.: Rockport  
KIND OF DEPOSIT: Dredging ground from Ohio River  
SHIPPING POINT: Rockport by Southern RR and trucks  
EQUIPMENT: Vibrating screens, dredge  
EMPLOYEES: 4  
PRODUCTS: Sand and gravel  
PRODUCTION IN TONS:  
1940: 91,692  
1941: 55,327

**TIPPECANOE COUNTY****ELWOOD SALES AND MANUFACTURING COMPANY**

Lafayette  
PLANT LOCATION: Elwood (See Madison County)

**\*WESTERN INDIANA GRAVEL COMPANY**

209 Wallace Bldg., Lafayette  
PRES.: R. R. Bookwalter  
VICE PRES., GEN. MGR.: M. A. Neville  
SECY.-TREAS.: J. H. Law  
PIT AND PLANT LOCATION: T. 23 N., R. 4 W., sec. 30 (2 plants)  
SUPT.: H. E. Alberts  
EQUIPMENT: Draglines, shovel, and cranes  
PRODUCTS: Washed and graded gravel and sand  
ANNUAL CAPACITY: Gravel 400,000 tons, sand 100,000 tons  
PRODUCTION IN TONS:  
1940: 265,400  
1941: 381,600  
1942: 460,100  
1943: 325,800  
1944: 356,400  
1945: 358,700  
1946: 503,900

REMARKS: Plants also at Anderson (Madison County), Dundee (Madison County), Leesburg (Kosciusko County), Marion (Grant County), Montezuma (Parke County), and South Bend (St. Joseph County)

**TIPTON COUNTY****McKINNEY GRAVEL COMPANY**

Tipton  
OWNER, GEN. MGR.: Ted McKinney  
SUPT.: Kenneth McKinney  
PIT AND PLANT LOCATION: 4 miles northeast of Windfall  
KIND OF DEPOSIT: Wet pit  
EQUIPMENT: Dragline and cableway  
PRODUCTS AND DAILY CAPACITY: Sand 100 tons, gravel 100 tons

**VANDERBURG COUNTY****\*BEDFORD-NUGENT COMPANY, INC.**

Evansville  
PRES., TREAS.: J. L. Nugent  
KIND OF DEPOSIT: Dredging ground of Ohio River  
SHIPPING POINT: Evansville by railroad and trucks  
EMPLOYEES: 25-50  
PRODUCTS: Sand and gravel  
PRODUCTION IN TONS:  
1940: 152,887  
1941: 196,958  
1942: 194,599  
1943: 178,439  
1944: 146,321  
1945: 144,671  
1946: 233,629  
REMARKS: Plant at Rockport (Spencer County)

1942: 27,066  
1943: 31,360  
1944: 37,928  
1945: 61,210  
1946: 75,981

**HOUGLAND AND HARDY, INC.**

Evansville (See Vanderburg County)  
P. O.: Hatfield (Sandale)  
SUPT.: T. Dawson  
PRODUCTS: Foundry sand

**STARKE COUNTY****STEELE SAND AND GRAVEL, HOWARD**

502 S. Main St., Knox  
OWNER: Howard Steele  
DEPOSIT AND PLANT LOCATION: Total  
KIND OF DEPOSIT: Bank  
EQUIPMENT: Dragline crane  
PRODUCTS: Sand and gravel  
DAILY CAPACITY: 200 cu. yds.

**STEBEN COUNTY****STONESTREET GRAVEL COMPANY**

R. F. D. 1, Angola  
GEN. MGR.: William Stonestreet  
West Angola Pit  
PIT LOCATION: 4 miles west of Angola on State Highway 20  
EQUIPMENT: Dragline  
PRODUCTS: Sand and gravel  
DAILY CAPACITY: Sand 50 cu. yds., gravel 250 cu. yds.  
Southeast Angola Pit  
PIT LOCATION: 4 miles southeast of Angola  
EQUIPMENT: Dragline  
PRODUCTS: Gravel  
DAILY CAPACITY: 200 tons

**SULLIVAN COUNTY****\*MEROM GRAVEL COMPANY, THE**

408 Indiana Trust Bldg., Indianapolis  
PRES.: Laura B. Koehne  
SECY.-TREAS.: D. F. Lafuze  
VICE PRES., GEN. MGR.: W. H. Wyckoff  
P. O.: Merom (Riverton)  
PIT AND PLANT LOCATION: T. 7 N., R. 10 W., sec. 30  
SHIPPING POINT: Riverton by Illinois Central RR  
KIND OF DEPOSIT: Wet pit  
EQUIPMENT: 12-in. dredge, 5 screens (2 5 x 14-ft. 2 3 x 8-ft., 1 5-ft. Norgurg Primary), 2 36-in. roll crushers, 36-in. disintegrator  
EMPLOYEES: 15  
PRODUCTS: Sand and gravel  
ANNUAL CAPACITY: 350,000 tons

**SHEPHERD GRAVEL COMPANY, W. B.**

New Lebanon  
OWNER, GEN. MGR.: W. B. Shepherd  
KIND OF DEPOSIT: Lake and pit  
EQUIPMENT: Pump  
PRODUCTS AND HOURLY CAPACITY: Washed gravel 50 tons, washed sand 40 tons

**HOUGLAND AND HARDY, INC.**

507 S. E. 2nd St., Evansville  
 PRES., GEN. MGR.: C. M. Hardy  
 VICE PRES.: T. H. Hardy  
 SECY.-TREAS.: M. Patterson  
 SUPT.: T. Dawson  
 PLANT LOCATION: Sandale (Spencer County)  
 PRODUCTS: Sand, molding sand

**KOCH SAND AND GRAVEL COMPANY**

3rd Ave. and NW Riverside St., Evansville.  
 CO-OWNER, SUPT.: John W. Ohl  
 CO-OWNER, TREAS.: Bert Koenig  
 KIND OF DEPOSIT: Pit  
 EQUIPMENT: Pump  
 PRODUCTS: Sand and gravel  
 ANNUAL CAPACITY: 200,000 tons  
 REMARKS: Another plant at Mt. Vernon (Posey County)

**VERMILLION COUNTY****\*NEAL GRAVEL COMPANY**

Mattoon, Illinois  
 MANAGEMENT: See Fountain County  
 PLANT SUPT.: Leslie Warnick  
 P. O.: Cayuga  
 PIT AND PLANT LOCATION: T. 17 N., R. 9 W., sec. 4  
 SHIPPING POINT: Cayuga by N. K. P. and C. & E. I. RRs  
 EQUIPMENT: Dredge, 6 gravel screens (2-in., 1½-in., 1-in., ¾-in., ½-in., and ⅜-in.) 2 sand screens (¼-in. and ⅛-in.)  
 EMPLOYEES: 14  
 PRODUCTS: Sand and gravel for concrete, road gravel, and railroad ballast  
 HOURLY CAPACITY: 150 tons  
 PRODUCTION IN TONS:  
 1940: 99,312  
 1941: 91,715  
 1942: 165,907  
 1943: 106,517  
 1944: 137,258  
 1945: 125,118  
 1946: 108,716  
 REMARKS: See Fountain and Warren Counties

**STANDARD MATERIAL CORPORATION**

Box 5711, Indianapolis  
 SUPT.: H. M. Hollingsworth  
 P. O.: Clinton  
 KIND OF DEPOSIT: Pit  
 SHIPPING POINT: Clinton by C. & E. I. RR  
 EQUIPMENT: Shovel, conveyor, and slackline  
 PRODUCTS: Sand and gravel  
 HOURLY CAPACITY: 300 tons  
 EMPLOYEES: 8-25  
 REMARKS: See Marion County

**THORNTON QUARRIES CORPORATION**

Chicago, Illinois  
 SUPT.: Edward Schwartz  
 P. O.: Cayuga  
 PRODUCTS: Sand and gravel

**VIGO COUNTY****\*MONNINGER SAND, GRAVEL, AND CONCRETE PRODUCTS COMPANY**

7th and Lost Creek, Terre Haute  
 OWNER, MGR., AND SUPT.: G. A. Monninger  
 PIT AND PLANT LOCATION: T. 12 N., R. 9 W., sec. 3  
 EQUIPMENT: Sauerman 1-yd. dragline, Telsmith screens  
 EMPLOYEES: 6  
 PRODUCTS: Sand, gravel, concrete products, porch coping and caps, well curb  
 ANNUAL CAPACITY: Crushed gravel 1,300 tons, gravel 82,000 tons, sand 40,000 tons  
 PRODUCTION OF SAND IN YDS.:  
 1944: 30,000  
 1945: 34,000  
 1946: 33,000  
 PRODUCTION OF GRAVEL IN YDS.:  
 1944: 42,000  
 1945: 46,000  
 1946: 43,000

**TERRE HAUTE CONCRETE SUPPLY CORPORATION**

10th and Chestnut Sts., Terre Haute  
 PRES.: Charles P. O'Leary  
 EMPLOYEES: 8-25  
 PRODUCTS: Sand, gravel, and ready-mix concrete

**\*TERRE HAUTE GRAVEL COMPANY**

34th and Ft. Harrison Road, Terre Haute  
 PRES.: C. F. Connelly  
 SUPT.: H. A. Fisher  
 SHIPPING POINT: Terre Haute by Pennsylvania, New York Central, C. M. St. P. & P., C & E I, and E & I RRs  
 EQUIPMENT: Pump dredge, screens, and 3 crushers  
 PRODUCTS: Sand and gravel  
 ANNUAL CAPACITY: 500,000 tons  
 EMPLOYEES: 25-50

**\*WABASH SAND AND GRAVEL COMPANY**

Box 35, Twelve Points Station, Terre Haute  
 PRES.: H. A. Thompson  
 GEN. MGR., TREAS.: L. F. Hart  
 SUPT.: Jesse E. Johnson  
 DEPOSIT AND PLANT LOCATION: T. 12 N., R. 9 W., sec. 3 (13th and Ft. Harrison Rd.)  
 KIND OF DEPOSIT: Glacial  
 SHIPPING POINT: Terre Haute by C. M. St. P. & P., Pennsylvania, New York Central, and C & E I RRs  
 EQUIPMENT: 12-in. dredge, conveyors, Robins-Eleptix screen  
 EMPLOYEES: 25-50  
 PRODUCTS: Sand and gravel  
 ANNUAL CAPACITY: 400,000 tons  
 PRODUCTION IN TONS:  
 1940: 175,000  
 1941: 406,000  
 1942: 752,000  
 1943: 358,000  
 1944: 288,000  
 1945: 281,000  
 1946: 299,000

**WARREN COUNTY****\*NEAL GRAVEL COMPANY**

Mattoon, Illinois  
 MANAGEMENT: See Fountain County  
 PLANT SUPT.: Earl Strawser  
 P. O.: Covington  
 DREDGING GROUND AND PLANT LOCATION: T. 20 N., R. 9 W., sec. 27  
 SHIPPING POINT: Covington by P & E and New York Central RRs  
 KIND OF DEPOSIT: Glacial  
 EQUIPMENT: Dredge  
 EQUIPMENT: Gravel screens (2-in., 1½-in., 1-in., ¾-in., ½-in., ⅜-in.), sand screens (¼-in. and ⅛-in.)  
 EMPLOYEES: 14  
 PRODUCTS: Washed and screened sand and gravel  
 HOURLY CAPACITY: 150 tons  
 PRODUCTION IN TONS:  
 1940: 50,310  
 1941: 50,560  
 1942: 94,745  
 1943: 112,462  
 1944: 109,623  
 1945: 73,408  
 1946: 121,716  
 REMARKS: See Fountain and Vermillion Counties

**WAYNE COUNTY****\*AMERICAN AGGREGATES CORPORATION**

Greenville, Ohio  
 MANAGEMENT: See Cass County  
 P. O.: Box 128, Richmond

SHIPPING POINT: Richmond by Pennsylvania RR  
 KIND OF DEPOSIT: Terminal moraine  
 EQUIPMENT: Shovel  
 EMPLOYEES: 8-25  
 PRODUCTS: Sand and gravel  
 HOURLY CAPACITY: 200 tons  
 PRODUCTION IN TONS:  
 1944: 187,791  
 1945: 287,589  
 1946: 240,275  
 REMARKS: See Cass and Marion Counties

**DeBOLT GRAVEL COMPANY, C. G.**

Richmond  
 GEN. SUPT.: Delbert Peden  
 ENG.: C. G. DeBolt  
 KIND OF DEPOSIT: Dry pit  
 EQUIPMENT: Shovel  
 PRODUCTS: Sand and gravel

**KIRKPATRICK GRAVEL COMPANY**

Box 126, Cambridge City  
 GEN. MGR.: H. L. Smith  
 KIND OF DEPOSIT: River  
 EQUIPMENT: Dragline and conveyor  
 PRODUCTS AND ANNUAL CAPACITY:  
 Sand 50,000 tons, gravel 75,000 tons

## SANDSTONE

## FLOYD COUNTY

**\*AMERICAN RUBBING STONE COMPANY**

200 Elm St., Cincinnati, Ohio

PRES.: A. Hochstrasser

P. O.: Floyd's Knobs

SHIPPING POINT: Floyd's Knobs by trucks

GEOLOGIC FORMATION: Carwood formation of the Borden

THICKNESS OF DEPOSIT: 72 in.

EQUIPMENT: Twin 30 h. p. diesel engine with gang saws; stripping by hand

PRODUCTS: Rubbing stone, sharpening stone

PRODUCTION IN TONS:

1940: 80

1941: 90

1942: 65

1943: 50

1944-45: None

1946: 130

## LAWRENCE COUNTY

**\*INDIANA SANDSTONE COMPANY, INC.**

404 City National Bank Bldg., Bedford

GEN. MGR.: W. Ingalls

QUARRY AND MILL LOCATION: T. 3

N. R. 2 W., sec. 26

GEOLOGIC FORMATION: Basal portion of Mansfield sandstone

THICKNESS OF DEPOSIT: 60 ft.

THICKNESS OF OVERBURDEN: 10 ft.

EQUIPMENT: 2 gang saws and splitting machine

EMPLOYEES: 7-21

PRODUCTS: Natural whetstones and colored building stone

DAILY CAPACITY: 15 tons

PRODUCTION OF WHETSTONES:

1946: 52,000 lbs.

PRODUCTION OF BUILDING STONE:

1946: 90 tons

REMARKS: This property was taken over from the J. A. Chaillaux estate in March 1946.

## PUBLICATIONS OF THE DIVISION OF GEOLOGY

## INDIANA DEPARTMENT OF CONSERVATION, AND ITS PREDECESSORS

There has been a State geological organization in Indiana continuously since 1869, though the funds available and the consequent output have fluctuated greatly. The name has changed with legislative changes. The first organization was the Geological Survey of Indiana; the second was the Department of Statistics and Geology; the third the Indiana Department of Geology and Natural History; and the fourth the Indiana Department of Geology and Natural Resources. In 1919, the Indiana Department of Conservation was established and the geological work in the State placed under the Division of Geology. This condition has continued to the present time. The list of publications shows these changes.

Prior to the establishment of the regular State Survey, David Dale Owen was commissioned by the legislature to make a geological survey of Indiana. The reports of this survey are also listed below.

- OWEN, D. D., Geological reconnaissance of the State of Indiana, made in the year 1837, 63 pp., Indianapolis, 1859.  
Report, pp. 5-18  
Details of the survey, pp. 19-61  
Suggestions as to the mode of conducting future surveys, pp. 62-63
- OWEN, D. D., Continuation of report of a geological reconnaissance of the State of Indiana, made in the year 1838, 69 pp., Indianapolis, 1859.  
Report, pp. 3-41  
Comparison between the muriatiferous rocks of Virginia and Ohio, and those at the base of the coal formation of Indiana, pp. 41-49  
Comparison between the geological formations of Indiana and those of Ohio, pp. 49-51  
Summary of the geology of Indiana, pp. 51-64  
Appendix—quantitative analyses, pp. 65-69
- OWEN, RICHARD, Report of a geological reconnaissance of Indiana, made during the years 1859 and 1860, under the direction of the late David Dale Owen, 365 pp., 21 figs., Indianapolis, 1862.  
Prefatory letter, pp. vii-viii  
Introduction—objects of the survey, pp. ix-xvi  
Preliminary observations, pp. 1-26, 2 figs.  
Details of counties, pp. 27-221, 8 pls., 6 figs.  
Physical geography of Indiana, pp. 223-240  
Peter, Robert, A report of the chemical analysis of thirty-three soils of Indiana, pp. 241-268  
Lesquereux, Leo, Report on the distribution of the geological strata in the Coal Measures of Indiana, pp. 269-341, fig.  
Lesley, Prof., Report of Prof. Lesley, pp. 343-345, fig.  
Table of altitudes in Indiana, pp. 347-349  
Comparative view of recent and fossil plants, pp. 350-351  
Brongniart's classification of ferns, p. 352  
General synopsis of the animal kingdom, from Milne Edwards, pp. 353-354  
Synopsis of the class Polypi, p. 355  
Woodward's classification of the Mollusca, p. 356  
Suggestive table of geological divisions and sub-divisions of time and vertical space, pp. 357-359  
Analysis of the Louisville and Jeffersonville hydraulic limestone, p. 360  
Map of Wyandot Cave, p. 361  
Description of fossils, pp. 362-365, 11 figs.
- COX, E. T., First annual report of the Geological Survey of Indiana, made during the year 1869, 240 pp., 2 figs., Indianapolis, 1869.  
Introduction, pp. 5-11  
Geology, pp. 13-19  
Clay County, pp. 20-85, 2 figs.  
Greene County, pp. 86-109  
Parke, Fountain, Warren, Owen, and Vermillion Counties, pp. 110-135  
Analysis of coals, p. 136  
Analysis of iron ores and slag, p. 137  
Bradley, F. H., Geology of Vermillion County, pp. 138-174  
Haymond, Rufus, Geology of Franklin County, pp. 175-202  
Mammals found at the present time in Franklin County, pp. 203-208  
Birds of Franklin County, Indiana, pp. 209-235
- COX, E. T., Second report of the Geological Survey of Indiana, made during the year 1870, 303 pp., 7 pls., 2 figs., 3 maps, Indianapolis, 1871.  
Introduction, pp. 5-11  
Report (data on coal), pp. 11-20, 1 pl.  
Daviess County, pp. 20-80, 2 figs., map

- Martin County, pp. 81-117, 3 pls.  
Putnam and Vigo Counties, pp. 118-145, 1 pl.  
Hunt, T. S., On the oil wells of Terre Haute, Indiana, pp. 135-136  
Spencer and Warrick Counties, pp. 145-163, 1 pl.  
Western Coal Measures and Indiana coal, pp. 164-181  
Analyses of coals—Daviss County, p. 182  
Analyses of coals—Martin, Vigo, and Fountain Counties, p. 183  
Analyses of coals in Sullivan and Clay Counties, p. 184  
Analyses of coals—Spencer, Warrick and Parke Counties, p. 185  
Analyses of coals—Illinois, West Virginia, Colorado Territory, p. 186  
Analyses of iron ores, p. 187  
Collett, John, Sullivan County, pp. 189-240  
Young, A. H., Manual of the botany of Jefferson Co., pp. 241-292  
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- COX, E. T., Third and fourth annual reports of the Geological Survey of Indiana, made during the years 1871 and 1872, 488 pp., 9 pls., 9 figs., 4 maps, Indianapolis, 1872.
- Introduction, pp. 5-7  
Geological report (data on coal), pp. 9-59  
Perry County, pp. 61-143, 4 pls.  
Geological notes of a trip from New Albany, in Floyd County to Harrison and Crawford Counties, pp. 145-156  
Cope, E. D., Report on the Wyandotte Cave and its fauna, pp. 157-182, 8 figs.  
Analyses of coals—Perry County, p. 183  
Analyses of coals—Dubois County, p. 184  
Analyses of coals—Pike County, pp. 185-186  
Analyses of coals, p. 187  
Ultimate analyses of coals, p. 188  
Coals tested for illuminating gas, p. 189  
Collett, John, Geology of Dubois County, Indiana, pp. 190-237  
Collett, John, Geology of Pike County, Indiana, pp. 239-287  
Collett, John, Geological reconnaissance of Jasper, White, Carroll, Cass, Miami, Wabash, and Howard Counties, pp. 289-337  
Hobbs, B. C., Report of geological survey of Parke County, pp. 339-384, 1 fig.  
Warder, R. B., Geology of Dearborn, Ohio and Switzerland Counties, pp. 385-434  
Boerner, C. G., Meteorology of Vevay, Switzerland County, Indiana, pp. 435-448  
Hartmann, Hugh, Manufacture of Spiegeleisen, specular or glittering iron, pp. 449-472, 5 pls.  
Levette, G. M., Map of Perry County, Indiana, back envelope  
Collett, John, Map of Pike and Dubois Counties, Indiana, back envelope  
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- COX, E. T., Fifth annual report of the Geological Survey of Indiana, made during the year 1873, 492 pp., 5 pls., 5 figs., 6 maps, Indianapolis, 1874.
- Report of the Vienna Exposition of 1873, pp. 5-12  
Hartmann, Hugh, The iron and steel industries of Rhenish Prussia and Westphalia, Germany, at the Vienna Exhibition of 1873, pp. 13-70, map  
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Analyses of iron ores, p. 131  
Analyses of limestone and hydraulic cement rocks, p. 132  
Borden, W. W., Report of a geological survey of Clarke and Floyd Counties, Indiana, pp. 133-189  
Collett, John, Geology of Warren County, pp. 190-259, 1 pl.  
Cox, E. T., Collettosaurus Indianaensis, pp. 247-248  
Collett, John, Geology of Lawrence County, pp. 260-312  
Analyses of iron ores, pp. 313-314  
Collett, John, Geology of Knox County, pp. 315-382, 1 pl.  
Collett, John, Geology of Gibson County, pp. 383-422  
Gardner, Joseph, Tripoli, pp. 423-425, 5 figs.  
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Levette, G. M., Report of observations made in the counties of DeKalb, Steuben, LaGrange, Elkhart, Noble, St. Joseph and LaPorte, pp. 429-474  
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- COX, E. T., Sixth annual report of the Geological Survey of Indiana, made during the year 1874, 287 pp., 3 pls., 8 figs., 4 maps, Indianapolis, 1875.
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Antiquities, pp. 24-40, 3 pls., 5 figs.  
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Collett, John, Geology of Brown County, pp. 76-110  
Borden, W. W., Scott County, pp. 111-134  
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Jordan, D. S., The Sisco of Lake Tippecanoe and its relatives, pp. 187-196, 1 fig.  
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- Coulter, J. M., A partial list of the flora of Jefferson County, Indiana, pp. 229-277  
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- COX, E. T., Seventh annual report of the Geological Survey of Indiana, made during the year 1875, 601 pp., 2 pls., 1 fig., 4 maps, Indianapolis, 1876.
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Analyses of coals, pp. 48-77  
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Huntington County, pp. 116-133  
Species of fossil marine plants from the Carboniferous Measures, pp. 134-145, 2 pls.  
Borden, W. W., Jennings County, pp. 146-180  
Borden, W. W., Ripley County, pp. 181-202  
Elrod, M. N., and McIntire, E. S., Orange County, pp. 203-239  
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Collett, John, Geology of the southeastern part of Clay County, pp. 423-462  
Collett, John, Geological reconnaissance of the Coal Measure rocks of Putnam County, pp. 463-468  
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Schneck, J., Catalogue of the flora of the Wabash Valley below the mouth of White River, and observations thereon, pp. 504-579
- COX, E. T., Eighth, ninth and tenth annual reports of the Geological Survey of Indiana, made during the years 1876-77-78, 541 pp., 25 figs., 2 maps, Indianapolis, 1879.
- Geological report, pp. 3-21, 1 fig.  
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Hydraulic cements, pp. 72-87  
Building stone, pp. 88-98  
Glacial drift, pp. 98-120, 1 fig.  
Antiquities, pp. 121-153, 7 figs.  
Porcelain, tile and potters' clays, pp. 154-164  
The cost of making Bessemer iron in Indiana, pp. 165-170  
Wayne County, pp. 171-239, 8 figs.  
Williams, J. L., Table of altitudes, pp. 239-274  
Byrkit, J. W., Catalogue and check-list of the trees and woody shrubs of America, north of Mexico, pp. 275-290  
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The value of statistics, pp. 15-16  
Official opinions favoring the establishment of a Bureau of Statistics, pp. 17-28  
Work of the Bureau, pp. 29-41  
Collett, John, Report of expenses, pp. 42-44  
List of books and pamphlets received during the year 1879, pp. 45-72  
Agricultural statistics, pp. 73-147  
Statistics of dealers, pp. 149-208  
Statistics of manufacturers, pp. 209-272  
Miscellaneous statistics, pp. 273-400  
Social statistics, pp. 401-443  
Municipal statistics, pp. 444-453  
Vital statistics and sanitary reports, pp. 455-496  
Stevens, T. M., History of the Indiana State Health Commission, pp. 458-462  
Moss, Lemuel, Health in the school-room, pp. 463-464  
Campbell, J. L., Topography and climate, pp. 465-466  
Burton, G. W., Decomposing organic matter, pp. 467-470  
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 Work of the Bureau, pp. 20-26  
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 Nelson, I. D. G., Flax culture in Indiana, pp. 315-318  
 Stevens, T. M., Second annual report of the Indiana State Health Commission, pp. 322-326  
 Weddington, S. C., Prevention of diseases, pp. 327-331  
 Hervey, J. W., Healthful homes, pp. 332-338  
 Scovell, J. T., Malaria, or miasm, pp. 339-342  
 Burton, G. W., Scarlet fever, pp. 343-348  
 Haymond, W. S., Diphtheria, pp. 349-353  
 Curtiss, G. L., Human longevity, pp. 354-368  
 Geological report, pp. 369-396, 6 figs.  
 Geology of Indiana, pp. 375-384  
 The mammoth and mastodon, pp. 384-386  
 Archaeology, pp. 387-396, 6 figs.  
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 Table of altitudes, pp. 423-426  
 Greene, G. K., Geology of Monroe County, pp. 427-449, 2 maps  
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 Mines and quarries, pp. 16-33  
 Johnson, T. H., Experiments upon the transverse strength and elasticity of building stones, pp. 34-46, 1 fig.  
 Table of altitudes, pp. 47-54  
 Geology of Shelby County, pp. 55-88, map  
 Brown, R. T., Fountain County, pp. 89-125, map  
 Phinney, A. J., Geology of Delaware County, pp. 126-149, map  
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