

Coal Mines in Illinois

STREATOR NORTH QUADRANGLE

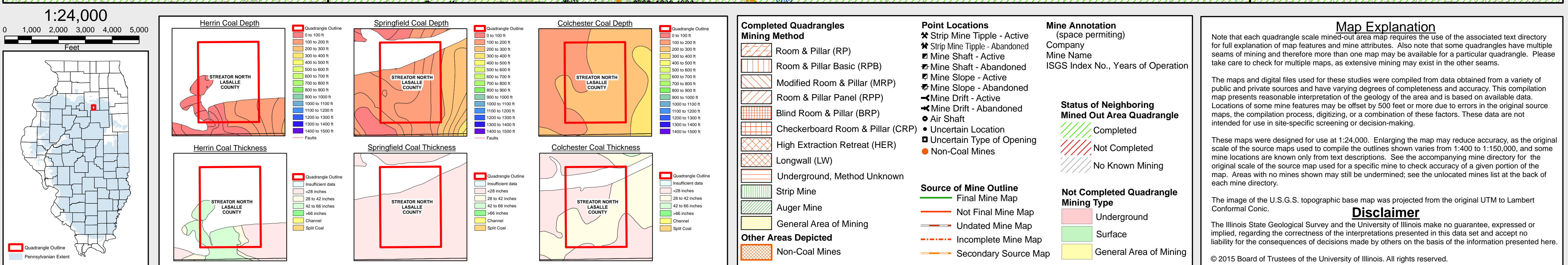
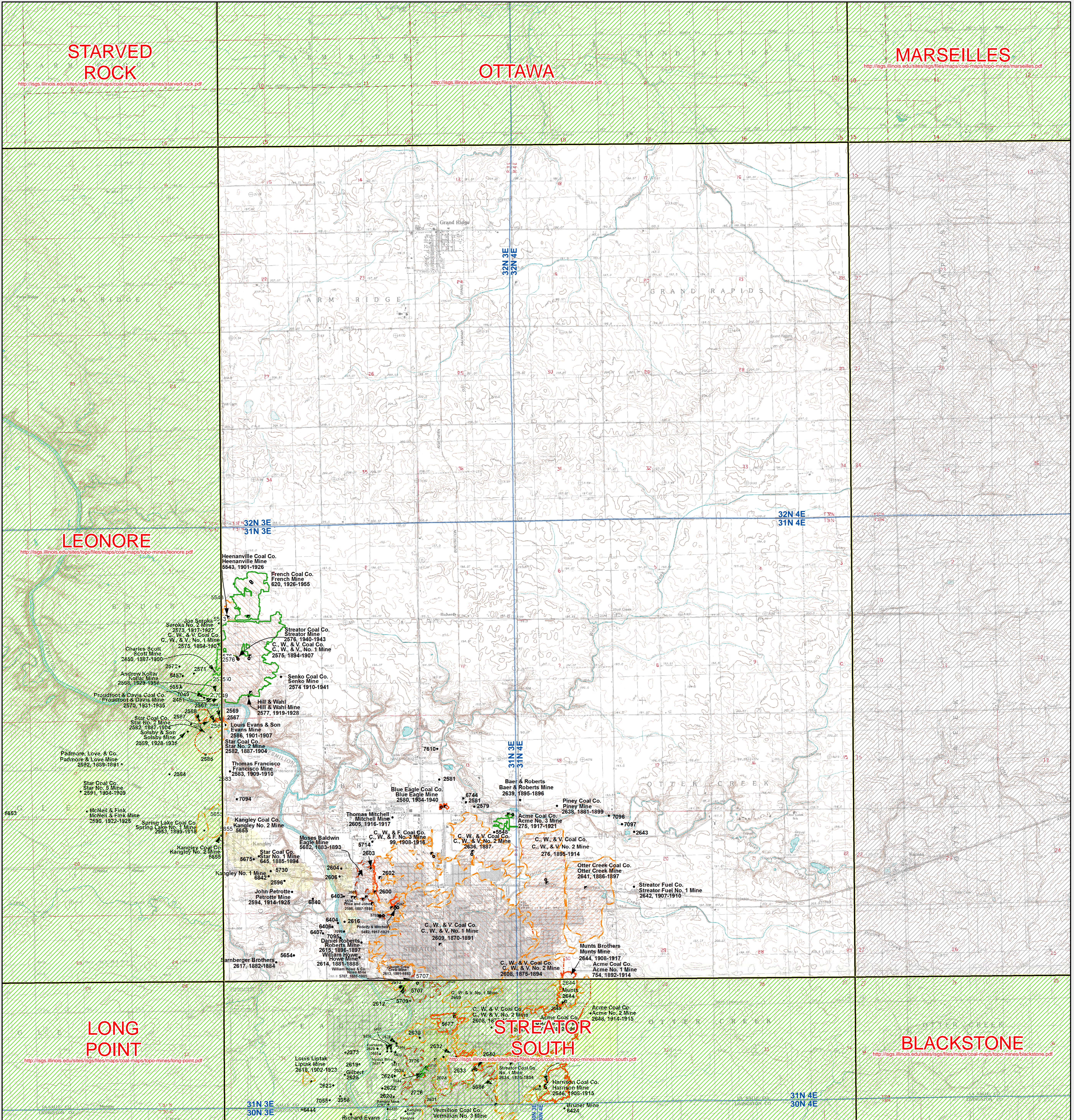
LASALLE COUNTY

Herrin Coal

THIS MAP ACCOMPANIES THE COAL MINES DIRECTORY FOR
THE STREATOR NORTH QUADRANGLE.
CONSULT THE DIRECTORY FOR A COMPLETE EXPLANATION
OF THE INFORMATION SHOWN ON THIS MAP.

Mine Outlines Compiled by
Alan R. Myers & Jennifer M. Obrad
September 29, 2006 Revised August 2014

Maps Available for this Quadrangle: 2 (Herrin Coal, Colchester Coal)

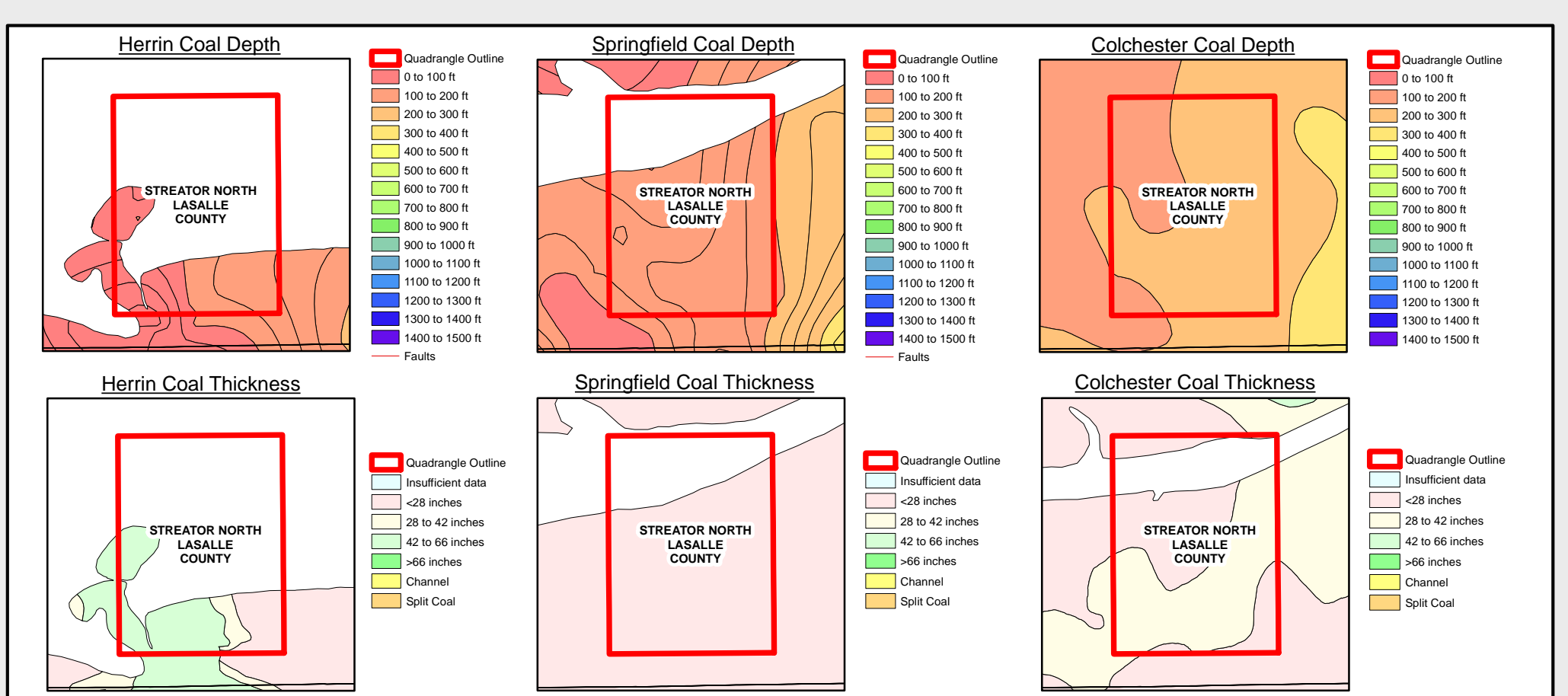
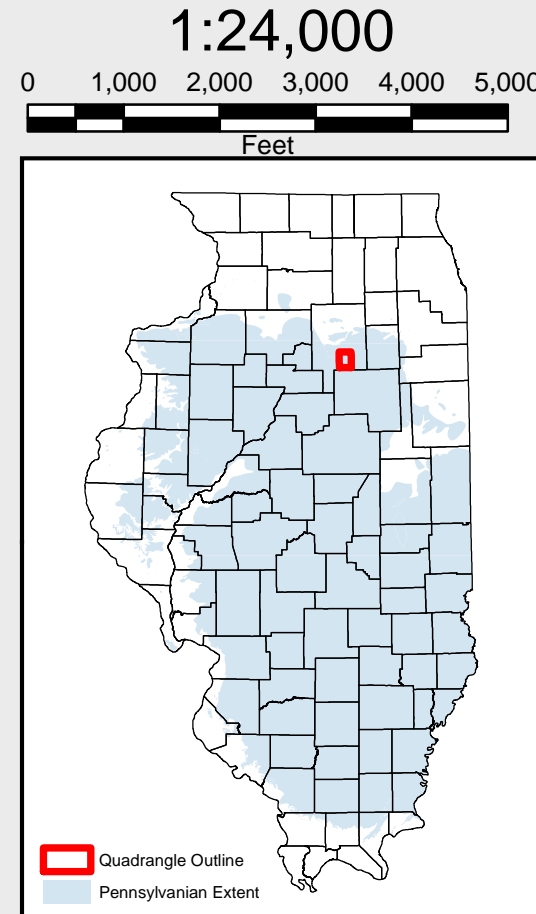
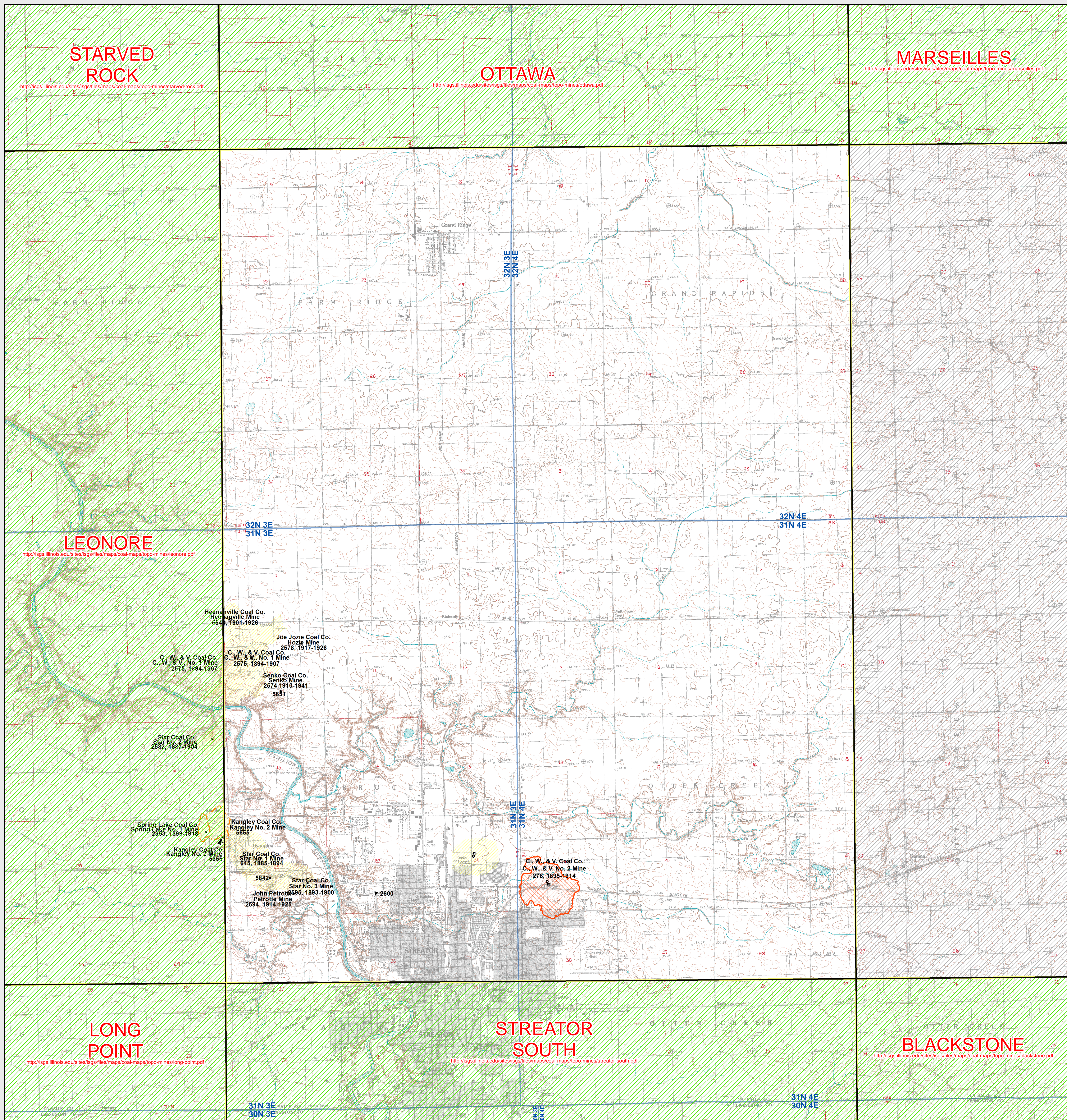


Coal Mines in Illinois
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LASALLE COUNTY
Colchester Coal

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| | | |
|------------------------------|--------------------------------|--|
| Completed Quadrangles | Point Locations | Mine Annotation (space permitting) |
| Mining Method | ✖ Strip Mine Tiptoe - Active | Company |
| | ✖ Strip Mine Shaft - Abandoned | Mine Name |
| | ✖ Mine Shaft - Active | IGSS Index No., Years of Operation |
| | ✖ Mine Shaft - Abandoned | |
| | ✖ Mine Slope - Active | |
| | ✖ Mine Slope - Abandoned | |
| | ✖ Mine Drift - Active | |
| | ✖ Mine Drift - Abandoned | |
| | ✖ Air Shaft | |
| | ✖ Uncertain Location | |
| | ✖ Uncertain Type of Opening | |
| | ● Non-Coal Mines | |
| | | |
| Other Areas Depicted | | |
| | | |

| | |
|-------------------------------|--|
| Source of Mine Outline | Status of Neighboring Mined Out Area Quadrangle |
| Final Mine Map | Completed |
| Not Final Mine Map | Not Completed |
| Undated Mine Map | No Known Mining |
| Incomplete Mine Map | |
| Secondary Source Map | |

| |
|---|
| Not Completed Quadrangle Mining Type |
| Underground |
| Surface |
| General Area of Mining |

Map Explanation

Note that each quadrangle scale mine-out area map requires the use of the associated text directory for full explanation of map features and mine-out areas. Note that some quadrangles have multiple seams of mining and therefore more than one map may be available for a particular quadrangle. Please take care to check for multiple maps, as extensive mining may exist in the other seams.

The maps and digital files used for these studies were compiled from data obtained from a variety of public and private sources and have varying degrees of completeness and accuracy. This compilation map presents reasonable interpretation of the geology of the area and is based on available data. Locations of some mine features may be offset by 500 feet or more due to errors in the original source maps, the compilation process, digitizing, or a combination of these factors. These data are not intended for use in site-specific screening or decision-making.

These maps were designed for use at 1:24,000. Enlarging the map may reduce accuracy, as the original scale of the source maps used to compile the outlines shown varies from 1:400 to 1:150,000, and some of the data were taken from aerial photography. See the accompanying mine directory for the map. Areas with no mines shown may used for a specific mine to check accuracy of a given portion of the map. Overall scale of sources must still be undermined; see the unlabeled mines list at the back of each mine directory.

The image of the U.S.G.S. topographic base map was projected from the original UTM to Lambert Conformal Conic.

Disclaimer

The Illinois State Geological Survey and the University of Illinois make no guarantee, expressed or implied, regarding the correctness of the interpretations presented in this data set and accept no liability for the consequences of decisions made by others on the basis of the information presented here.

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DIRECTORY OF COAL MINES IN ILLINOIS 7.5-MINUTE QUADRANGLE SERIES STREATOR NORTH QUADRANGLE LA SALLE COUNTY

C. Chenoweth & Alan R. Myers



Department of Natural Resources
ILLINOIS STATE GEOLOGICAL SURVEY
2006
REVISED 2007

**DIRECTORY OF COAL MINES IN ILLINOIS
7.5-MINUTE QUADRANGLE SERIES
STREATOR NORTH QUADRANGLE
LASALLE COUNTY**

2006
REVISED 2007

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Cover photo Track-mounted duckbill loading machine at a Peabody Coal Company mine, ca. 1915.

DISCLAIMER: The accuracy and completeness of mine maps and directories vary with the availability of reliable information. Maps and other information used to compile this mine map and directory were obtained from a variety of sources and the accuracy of some of the original information cannot be verified. Consequently, the Illinois State Geological Survey (ISGS) cannot guarantee the mine maps are free of errors and disclaims any responsibility for damages that may result from actions or decisions based on them.

The ISGS updates the maps and directories periodically, and welcomes any new information or corrections. Please contact the Coal Section of the ISGS at the address shown on the title page of this directory, or telephone (217) 244-4610.

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INTRODUCTION

Coal has been mined in 76 counties of Illinois. More than 7,400 coal mines have operated since commercial mining began in Illinois about 1810; fewer than 30 are currently active. To detail the extent and location of coal mining in Illinois, the Illinois State Geological Survey (ISGS) has compiled maps and directories of known coal mines. The ISGS offers maps at a scale of 1:100,000 and accompanying directories for each county in which coal mining is known to have occurred. Maps at a scale of 1:24,000 and accompanying directories, such as this, are available for selected quadrangles. Contact the ISGS for a list of these quadrangles.

These larger scale maps show the approximate positions of mines in relation to surface features such as roads and water bodies, and indicate the mining method used and the accuracy of the mine boundaries. The maps are useful for locating mine boundaries relative to specific properties and for assessing the potential for subsidence in an area. Mine boundaries compiled from final mine surveys are generally shown within 200 feet of their true position. As a result of poor cartographic quality and inaccuracies in the original mine surveys, boundaries of some older mines may be mislocated on the map by 500 feet or more. Original mine maps should be consulted in situations that require precise delineation of mine boundaries or internal workings of mined areas.

This directory serves as a key to the accompanying mine map and provides basic information on the coal mines in the quadrangle. The directory is composed of two parts. Part I explains the symbols and patterns used on the accompanying map and the summary data presented for each mine. Part II numerically lists the mines in the quadrangle and summarizes the geology and production history of each mine. Total production for the mine, not the portion in the quadrangle, is given.

MINING IN THE STREATOR NORTH QUADRANGLE

According to the History of La Salle County, Illinois, mining on a large scale began with the arrival of Colonel Ralph Plumb, representing eastern capitalists. The 1876 Atlas for La Salle County shows several mines in the vicinity of Streator, especially seven small coal mines west of Streator, a shaft right on the railroad tracks in the northern half of the town and the Chicago, Wilmington & Vermilion No. 2 Mine (mine index 2608) in the southeastern part of town. The Chicago, Wilmington & Vermilion Coal Company (C., W. & V.) had the largest mines in Streator. The C., W. & V. No. 1 Mine (mine index 2609) had mined 310 acres before 1881, and C., W. & V. No. 2 Mine (mine index 2608) had mined 229 acres before 1881. Mining ended in the Streator North Quadrangle when the French Coal Company closed its mine (mine index 620) in 1955.

Three seams were mined in the vicinity of Streator, the Herrin, Spring Lake and Colchester Coals. The Herrin Coal was generally between 4 and 5.5 feet thick and was mined with the room-and-pillar method, while the Colchester Coal was thinner, generally 2.5 to 3.0 feet thick. This thin coal was most often mined in the old longwall method, where all the coal was removed and gob from the roof was packed behind the coal to support the roof. In this area, the thick underclay was removed and the coal was wedged down from the face; no blasting powder was required. The Herrin Coal often had poor roof conditions, with slips and small faults. Horsebacks replaced the seam in some areas, and clay partings up to 3 inches thick were present in some mines. The Spring Lake Coal was mined in the eastern part of the quadrangle, where the coal was very thick, sometimes 8 to 10 feet thick.

PART I EXPLANATION OF MAP AND MINE SUMMARY SHEET

INTERPRETING THE MAP

The map accompanying this directory shows the location of coal mines known to be present in the quadrangle. The map, corresponding to a U.S. Geological Survey (USGS) 7.5-minute quadrangle, covers an area bounded by lines of latitude and longitude 7.5-minutes apart. In Illinois, a quadrangle is approximately 6.5 miles east to west and 8.5 miles north to south, an area of about 56 square miles. The USGS generally offers one map of mines per quadrangle. In some areas where extensive mining occurred in two or more overlapping seams, separate maps are compiled for mines in each seam to maintain readability of the map.

Mine Type and Mining Method

The mine type is indicated on the map by pattern color: green represents surface mines; red and yellow represent underground mines. The red patterns are used for areas of underground mining that are documented by a primary or secondary source map. A yellow pattern is used for cases where no map of the mine workings is available, but a general area of mining can be inferred from property maps or production figures. The patterns indicate the main mining methods used in underground mines. The methods are (1) room and pillar and (2) high extraction. The method used gives some indication of the amount and pattern of coal extraction within each mined area, and has some influence on the timing and type of subsidence that can occur over a mine.

The following discussion and illustrations of mining methods are based on Guither et al. (1984).

In room-and-pillar mines, coal is removed from haulage-ways (entries) and selected areas called rooms. Pillars of unmined coal are left between the rooms to support the roof. Depending on the size of rooms and pillars, the amount of coal removed from the production areas will range from 40% to 70%.

Room and Pillar - mining is divided into six categories:

- room-and-pillar basic (RPB, fig. 1A), an early method that did not follow a preset mining plan and therefore resulted in very irregular designs;
- modified room and pillar (MRP, fig. 1B);
- room-and-pillar panel (RPP, fig. 1C);
- blind room and pillar (BRP, fig. 1D);
- checkerboard room and pillar (CRP, fig. 1E);
- room and pillar (RP), a classification used when the specific type of room-and-pillar mining is unknown.

Blind and checkerboard are the most common types of room-and-pillar mining used in Illinois today. The knowledge of room-and-pillar mining methods gives a trained engineer information on the nature of subsidence that may occur. A more extensive discussion of subsidence can be found in Bauer et al. (1993).

High-extraction These mining methods are subdivided into high-extraction retreat (HER, Fig 1F) and longwall (LW, Fig 1G, 1H). In these methods, much of the coal is removed within well defined areas of the mine. Subsidence of the surface above these areas occurs within weeks. Once the subsidence activity ceases, the potential for further movement over these areas is low; however, subsidence may continue for several years after mining.

High-extraction retreat mining is a form of room-and-pillar mining that extracts most of the coal. Rooms and pillars are developed in the panels, and the pillars are then systematically removed (fig. 1F).

In early (pre-1960) longwall mines, mining advanced in multiple directions from a central shaft (fig. 1G). Large pillars of coal were left around the shaft, but all coal was removed beyond these pillars. Miners placed rock and wooden props and cribs in the mined-out areas to support the mine roof. The overlying rock gradually settled onto these supports, thus producing subsidence at the surface. In post-1959 longwall mines, room-and-pillar methods have been used to develop the main entries of the mine and panel areas. Modern longwall methods extract 100 percent of the coal in the panel areas (fig. 1H).

SOURCE MAPS

Mine outlines depicted on the map are, whenever possible, based on maps made from original mine surveys. The process of compiling and digitizing the quadrangle map may produce errors of less than 200 feet in the location of mine boundaries. Larger errors of 500 feet or more are possible for mines that have incomplete or inaccurate source maps.

Because of the extreme complexity of some mine maps, detailed features of mined areas have been omitted. The digitized mine boundary includes the exterior boundary of all rooms or entries that were at least 80 feet wide or protruded 500 feet from the main mining area. Unmined areas between mines are shown if they are at least 80 feet wide; unmined blocks of coal within mines are shown if they are at least 400 feet on each side. Original source maps should be consulted when precise information on mine boundaries or interior features is needed.

The mine summary sheet lists the source maps used to determine each mine outline. The completeness of map sources is indicated on the map by a line symbol at the mine boundary. Source maps are organized in five categories.

Final mine map The mine outline was digitized from an original map made from mine surveys conducted within a few months after production ceased. The date of the map and the last reported production are listed on the summary sheet.

Not a final map The mine is currently active or the mine outline was made from a map based on mine surveys conducted more than a few months before production ceased. This implies the actual mined-out area is probably larger than the outline on the map. The mine summary sheet indicated the dates of source maps and the last reported production, as well as the approximate tonnage mined between these two dates (if the mine is abandoned). The summary sheet also lists the approximate acreage mined since the date of the map and, in some cases, indicates the area where additional mining may have taken place. This latter information is determined by locating on the map the active faces relative to probable boundaries of the mine property.

Undated map The source map was undated, so it may or may not be based on a final mine survey. When sufficient data are available, the probable acreage of the mined area is estimated from reported production, average seam thickness and a recovery rate comparable to other mines in the area. This information is listed in the summary sheet for the mine.

Incomplete map The source map did not show the entire mine. The summary sheet indicates the missing part of the mine map and the acreage of the unmapped area, which is estimated from the amount of coal known to have been produced from the mine.

Secondary source map The original mine map was not found so the outline shown was determined from secondary sources (e.g., outlines from small-scale regional maps published in other reports). The summary sheet describes the secondary sources.

POINTS AND LABELS

The locations of all known mine openings (shafts, slopes, and drifts) and surface mine tipples are plotted on the map. Tipples are areas where coal was cleaned, stockpiled, and loaded for shipping.

Only openings or tipples are plotted for mines without source maps. If the precise locations of these features are unknown, a special symbol is used to indicate the approximate location of the mine.

Each mine on the map is labeled with the names of the mine and operating company, ISGS mine index number, and years of operation (if known) if space permits. A seam designation is given on maps where more than one seam was mined. For a mine that operated under more than one name, only the most recent name is generally given. When a mine changed names or ownership shortly before closing, an earlier name is listed. All company and mine names are listed on the mine summary sheet in the directory, under the production history segment.

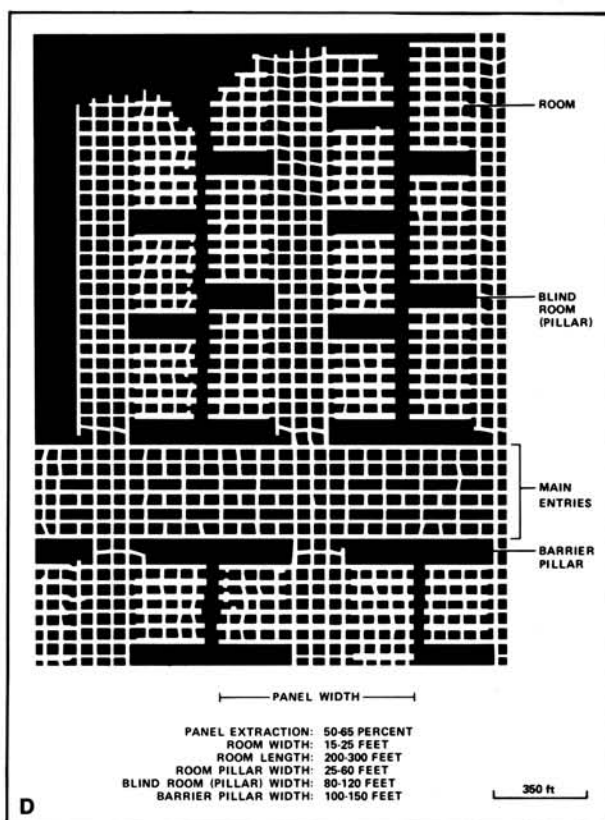
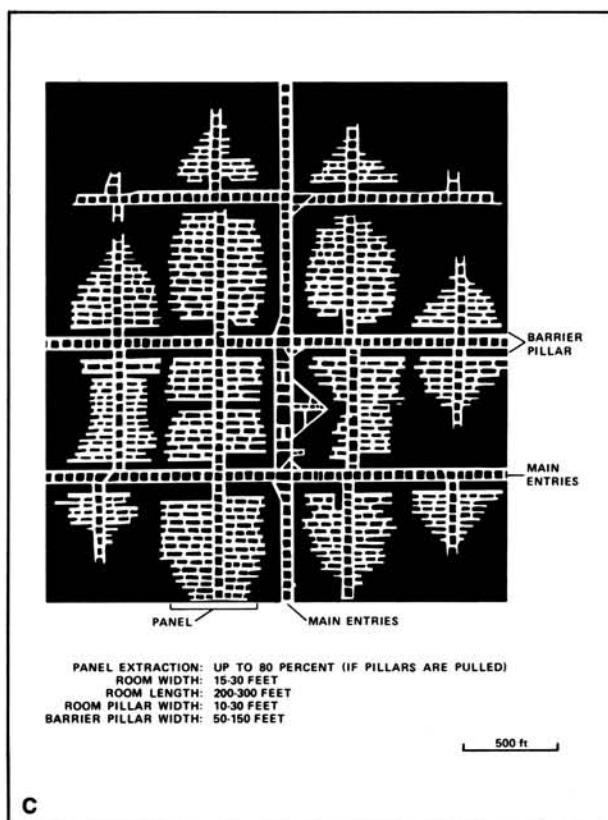
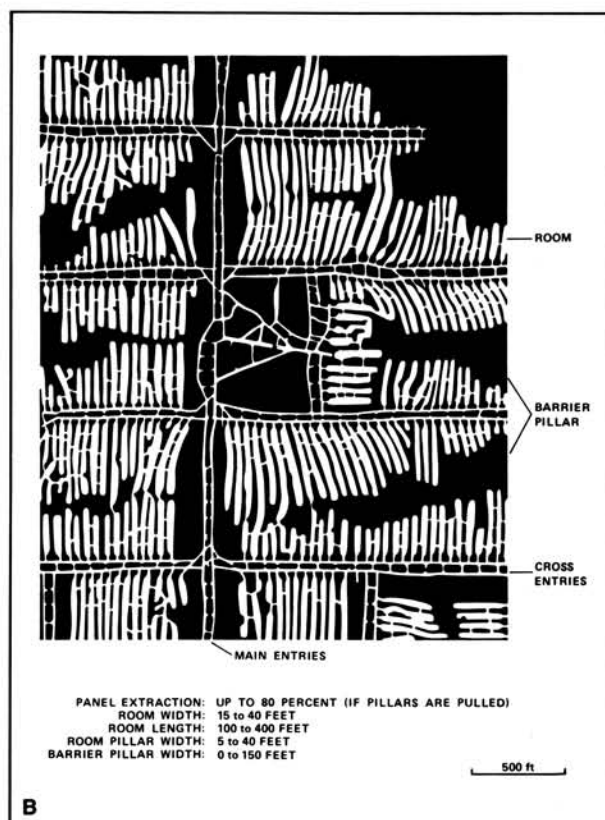
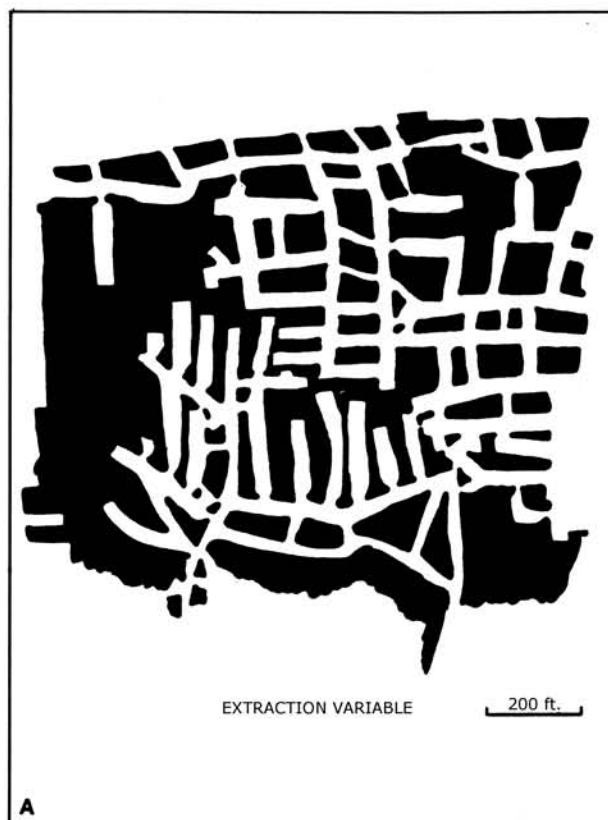


Figure 1 Mining methods: (A) room-and-pillar basic (RPB), (B) modified room and pillar (MRP), (C) room-and-pillar panel (RPP), (D) blind room and pillar (BRP).

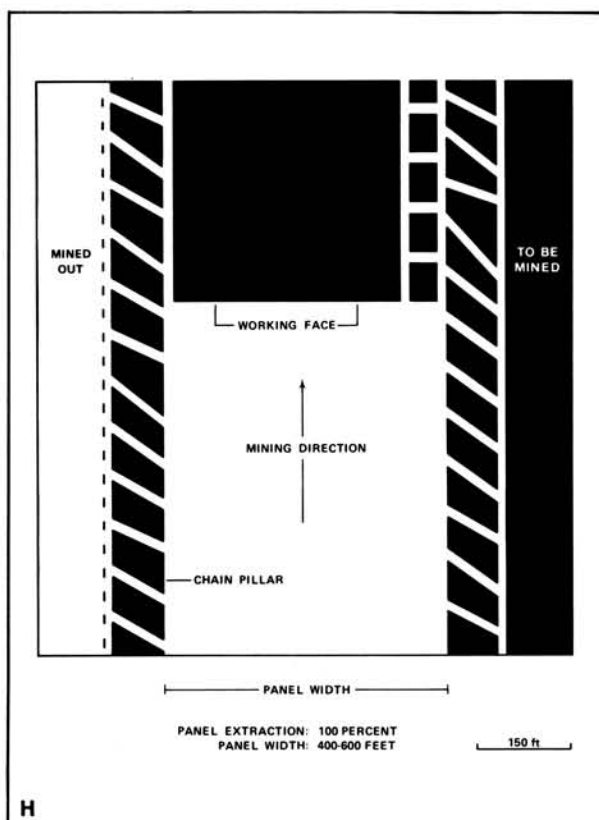
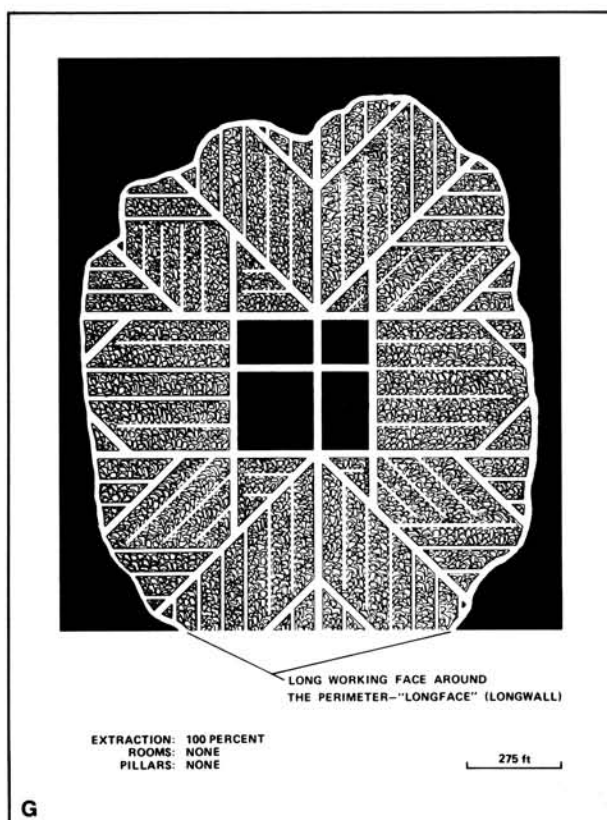
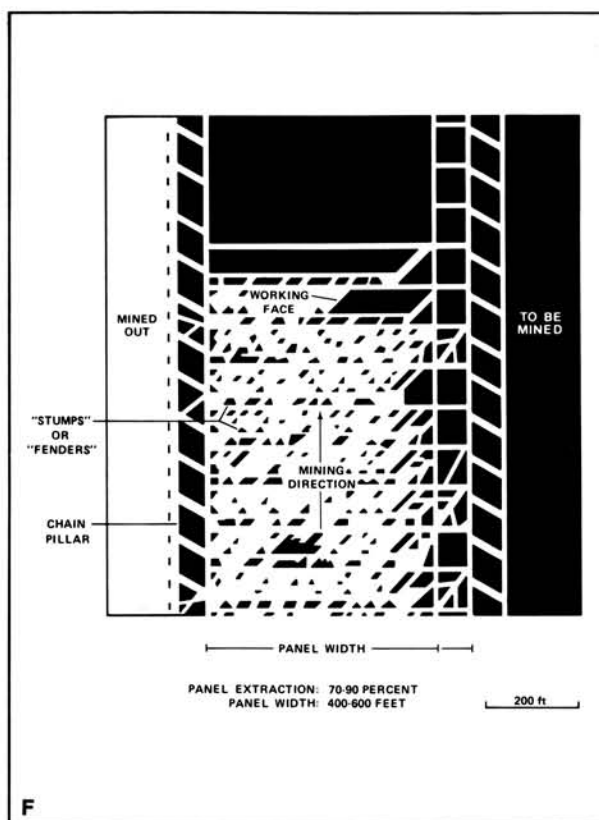
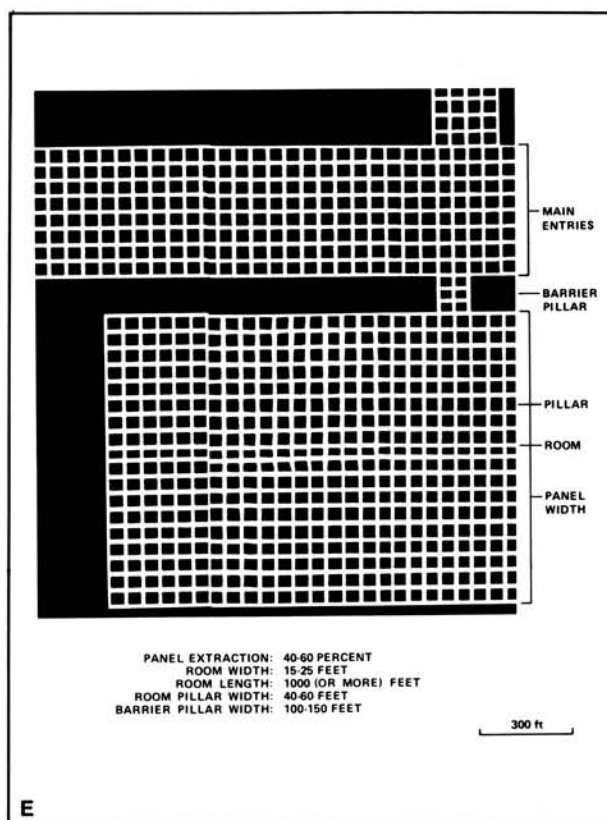


Figure 1 (cont.) Mining methods: (E) checkerboard room and pillar (CRP), (F) high extraction retreat (HER), (G) early (pre-1960) longwall, (H) post-1959 longwall



Figure 2 Generalized stratigraphic section, showing approximate vertical relations of coals in Illinois.

INTERPRETING A MINE SUMMARY SHEET

The mine summary sheet is arranged numerically by mine index number. Index numbers are shown on the map and in the mine listing. The mine summary sheet provides the following information (if available).

Company and mine name The last company or owner of the mine is used, unless no production was recorded for the last owner. In that case, the penultimate owner is listed. Mines often have no specific name; in these cases, the company name is also used as the mine name.

Type *Underground* denotes a subsurface mine in which the coal was reached through a shaft, slope, or a drift entry. *Surface* denotes a surface, open pit or strip mine.

Total mined-out acreage shown The total acreage of the mined area mapped, including any acreage mined on adjacent quadrangles, is calculated from the digitized outline of the mine. The acreage of large barrier pillars depicted on the map is excluded from the mined-out acreage. Small pillars not digitized are included in the acreage calculation. If the mine outline is not based on a final mine map, the acreage is followed by an estimate of additional acres that may have been mined. The estimate is determined from reported mine production, approximate thickness of the coal, and recovery rates calculated from nearby mines that used similar mining methods.

SHAFT, SLOPE, DRIFT OR TIPPLE LOCATIONS

Shaft, slope, drift, or tippie locations Locations of all known former entry points to underground mines or the location of coal cleaning, tippie, and shipping equipment used by the mine's facility are listed. The location is described in terms of county, township and range (Twp-Rge), section, and location within the section by quarters. NE SW NW, for instance, would describe the location in the northeast quarter of the southwest quarter of the northwest quarter. When sections are irregular in size, the quarters remain the same size and are oriented (or "registered") from the southeast corner of the section. Approximate footage from the section lines (FEL = from east line, FNL = from north line, for example) is given when that information is known; this indicates a surveyed location and is not derived from maps. Entry points are also plotted on the map and coded for the type of entry or tippie. A mine opening may have had many purposes during the life of the mine. Old hoist shafts are often later used for air and escape shafts; this information is included in the directory when known. The tippie for underground mines was generally located near the main shaft or slope. At surface mines, coal was sometimes hauled to a central tippie several miles from the mine pit.

GEOLOGY

Seam(s) mined The name of the coal seam(s) mined is listed, if known. If multiple seams were mined, they are all listed, although the mined-out area for each seam may be shown on separate maps. Figure 2 shows the stratigraphic section of the coal-bearing interval in Illinois, and the vertical relations among the coals.

Depth The depth to the top of the seam in the vicinity of the shaft is listed, if known. The depth is determined from notes made by geologists who visited the mine during its operation or from drill hole data in ISGS files. Depth generally varies little over the extent of a mine; however, reported depths for an individual mine may vary. Depth for surface-mined coals varies, and is usually represented as a range.

Thickness The approximate thickness of the mined seam is shown, if known. Thickness also comes from notes of geologists who visited the mine during its operation or from borehole data in ISGS files. Minimum, maximum, and average thicknesses are given when this information is available.

Mining method The principal mining method used at the mine (figs. 1A-H) is listed. See the mining methods section at the beginning of this directory for a discussion of this parameter.

Geologic problems reported Any known geologic problems, such as faults, water seepage, floor heaving, and unstable roof, encountered in the mine are reported. This information is from notes made by ISGS geologists who visited the mine, or from reports by mine inspectors published by the Illinois Department of Mines and Minerals, or from the source map(s). Geologic problems are not reported for active mines.

PRODUCTION HISTORY

Production history Tons of coal produced from the mine by each mine owner are totaled. When the source map used for the mine outline is not a final mine map, the tonnage produced since the date of the map is identified. For mines that extend into adjacent quadrangles, the tonnage reported includes areas mined in adjacent quadrangles.

SOURCE OF DATA

Source map This section lists information about the map(s) used to compile the mine outline and the locations of tipples and mine openings. In some cases more than one source map was used. For example, a map drawn before the mine closed may provide better information on original areas of the mine than a later map. When more than one map was used, the bibliography section explains what information was taken from each source.

Date The date of the most recent mine survey listed on the source map is reported.

Original scale The original scale of the source map is listed. Many maps are photo-reductions and are no longer at their original scale. The original scale gives some indication of the level of detail of the mine outline and the accuracy of the mine boundary relative to surface features. Generally, the larger the scale, the greater the accuracy and detail of the mine map. Mine outlines taken from source maps at scales smaller than 1:24,000 may be highly generalized and may well be inaccurately located with respect to surface features.

Digitized scale The scale of the digitized map is reported. The scale may be different from that of the original source map. In many cases the digitized map was made from a photo-reduction of the original source map, or the source map was not in a condition suitable for digitizing and the mine boundaries were transferred to another base map.

Map type Source maps are classified into five categories to indicate the probable completeness of the map. See discussion of source maps in the previous section.

Annotated bibliography Sources that provide information about the mine are listed, with the data taken from each source. Some commonly used sources are described below. Full bibliographic references are given for all other sources. Unless otherwise noted, all sources are available for public inspection at the ISGS.

Coal Reports Published since 1881, these reports contain tabular data on mine ownership, production, employment, and accidents. Some volumes include short descriptions made by mine inspectors of physical features and conditions in selected mines.

Directory of Illinois Coal Mines This source is a compilation of basic data about Illinois coal mines, originally gathered by ISGS staff in the early 1950s. Sources used for this directory are undocumented, but they are primarily Illinois Department of Mines and Minerals annual reports, ISGS mine notes, and coal company officials.

ENR Document 85/01, Guither, H. D., J. K. Hines, and R. A. Bauer, 1985 The Economic Effect of Underground Mining Upon Land Used for Illinois Agriculture: Illinois Department of Energy and Natural Resources Document 85/01, 185 p.

Microfilm map The U.S. Bureau of Mines maintains a microfilm archive of mine maps. A microfilm file for Illinois is available for public viewing at the ISGS.

Mine notes ISGS geologists have visited mines or contacted mine officials throughout the state since the early 1900s. Notes made during these visits range from brief descriptions of the mine location to long narratives (including sketches) of mining conditions and geology.

Federal Land Bank of St. Louis, Preliminary Reports on Subsidence Investigations Mining engineers working for the Federal Land Bank of St. Louis mapped areas of subsidence due to coal mining in the early 1930s. These reports often include county maps of mine properties with mined-out areas including shaft locations, as well as subsidence areas.

REFERENCES

Angle, P., 1962, *Biography in Black, A History of Streator, Illinois*, Weber Company Publishers, 158p.

Bauer, R. A., B. A. Trent, and P. B. Dumontelle, 1993, *Mine Subsidence in Illinois: Facts for the Homeowner Considering Insurance*, Illinois State Geological Survey, Environmental Geology Note 144, 16p.

Guither, H. D., J. K. Hines, and R. A. Bauer, 1985, *The Economic Effects of Underground Mining Upon Land Used for Illinois Agriculture*, Illinois Department of Energy and Natural Resources Document 85/01, 185p.

Interstate Publishing Company, 1886, *History of La Salle County, Illinois, Volume I*, Chicago, 916p.

Jacobson, R. J., 1985, *Coal Resources of Grundy, La Salle, and Livingston Counties, Illinois*, Illinois State Geological Survey, Circular 536, 58p.

Ogle (Geo.) & Co., Publishers, 1906, *Standard Atlas of La Salle County, Illinois*: Chicago, Illinois, 121 p.

Warner & Beers, Publishers, 1876, *Atlas of La Salle County and the State of Illinois*: Chicago.

PART II DIRECTORY OF MINES IN THE STREATOR NORTH QUADRANGLE

MINE SUMMARY SHEETS

A summary sheet on the geology and production history of each mine in the Streator North Quadrangle is provided. The summary sheets are arranged numerically by mine index number. Consult Part I for a complete explanation of the data listed in the summary sheet.

Mine Index 99

Chicago, Wilmington & Franklin Coal Company, Chicago, Wilmington & Franklin No. 3 Mine

Type: Underground Total mined-out acreage shown: 164

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

| Type | County | Township-Range | Section | Quarters-Footage |
|------------|----------|----------------|---------|------------------|
| Main shaft | La Salle | 31N 3E | 24 | SW SW NW |
| Air shaft | La Salle | 31N 3E | 24 | SW SW NW |

GEOLOGY

| Seam(s) Mined | Depth (ft) | Thickness (ft) | | | Mining Method |
|---------------|------------|----------------|-----|---------|---------------|
| | | Min | Max | Avg | |
| Herrin | 70-76 | | 6.0 | 5.0-5.5 | MRP |

Geologic Problems Reported: A water-bearing layer was encountered 20 feet below the surface when making the shaft. The mine was said to be very wet from breaks in the roof that allowed water from the glacial drift to seep in. In some places, the coal was eroded by the glacial process, but usually the coal remained although the roof may have been eroded. Generally the sandy gray shale roof was 10 to 30 feet thick. Pyrite lenses were present in the coal. Rolls, slips and clay veins contributed to poor roof conditions.

PRODUCTION HISTORY

| Company | Mine Name | Years | Production (tons) |
|--|---------------------------|-----------|-------------------|
| Chicago, Wilmington & Vermilion Coal Co. | C., W. & V. (Third) No. 3 | 1908-1915 | 835,534 |
| Chicago, Wilmington & Franklin Coal Co. | C., W. & F. No. 3 | 1915-1916 | 83,835 |
| | | | 919,369 |

Last reported production: April 1916

SOURCES OF DATA

| Source Map | Date | Original Scale | Digitized Scale | Map Type |
|--|-----------|----------------|-----------------|------------------|
| Microfilm, mines09a.tif & mines09c.tif | Undated | Unknown | 1:45248 | Secondary source |
| Microfilm, document 352417 | 7-30-1913 | 1:1200 | 1:2234 | Not final |
| Microfilm, Coal Section files | Undated | Unknown | 1:24000 | Secondary source |

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.

ENR Document 85/01 - Mining method.

Mine notes (La Salle County) - Mine type, shaft location, seam, depth, thickness, geologic problems.

Microfilm map, Coal Section files, mines09a.tif & mines09c.tif - Mine outline, mine type, mining method.

Microfilm map, document 352417, reel 03139, frame 88 - Shaft locations.

Microfilm map, Coal Section files, mines07d.tif, map of Pedelty Mine (mine index 5492) - Air shaft (north).

Mine Index 275**Acme Coal Company, Acme No. 3 Mine**

Type: Underground Total mined-out acreage shown: 9

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

| Type | County | Township-Range | Section | Quarters-Footage |
|------------|----------|----------------|---------|------------------|
| Main shaft | La Salle | 31N 3E | 24 | NE NE NE |
| Air shaft | La Salle | 31N 3E | 24 | NE NE NE |

GEOLOGY

| Seam(s) Mined | Depth (ft) | Thickness (ft) | | | Mining Method |
|---------------|------------|----------------|-----|-----|---------------|
| | | Min | Max | Avg | |
| Herrin | 47 | | | 4.5 | MRP |

Geologic Problems Reported:

PRODUCTION HISTORY

| Company | Mine Name | Years | Production (tons) |
|-------------------|------------|-----------|-------------------|
| Acme Coal Company | Acme No. 3 | 1917-1921 | 37,117 37,117 |

Last reported production: 1921

SOURCES OF DATA

| Source Map | Date | Original Scale | Digitized Scale | Map Type |
|----------------------------|------------|----------------|-----------------|----------|
| Microfilm, document 352434 | 11-26-1921 | 1:1200 | 1:1820 | Final |

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, depth, thickness.

Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.

Mine notes (La Salle County) - Seam, depth, thickness.

Microfilm map, document 352434, reel 03139, frame 109 - Shaft locations, mine outline, mining method.

Mine Index 276**Chicago, Wilmington & Vermilion Coal Company, C., W. & V. (Third) No. 2 Mine**

Type: Underground Total mined-out acreage shown: 323 (Herrin Coal), 158 (Colchester Coal)

Production indicates 68 acres were mined in the Colchester Coal after the map date. The source map for the mine in the Herrin Coal is undated, but production indicates the expected size would be approximately 50 acres larger than shown on the accompanying map.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

| Type | County | Township-Range | Section | Quarters-Footage |
|------------|----------|----------------|---------|------------------|
| Main shaft | La Salle | 31N 4E | 19 | SW NE SW |
| Air shaft | La Salle | 31N 4E | 19 | SW NE SW |

GEOLOGY

| Seam(s) Mined | Depth (ft) | Thickness (ft) | | | Mining Method |
|---------------|------------|----------------|-----|---------|---------------|
| | | Min | Max | Avg | |
| Herrin | 116 | | | 6.0 | RP |
| Colchester | 245-260 | | | 3.0-3.5 | LW |

Geologic Problems Reported: The Colchester Coal dips to the southwest about 5 feet in 200 feet. The Herrin Coal was all worked out in 1908. The Colchester Coal was worked with the old longwall method, with a full circle of active face. The underclay was mined from under the coal. It was easily softened by wetting and the mined clay was piled along the side of the old workings. The coal was usually wedged down after the clay was removed without the use of powder for blasting. This clay had been used for making bricks. The Colchester Coal contained abundant pyrite lenses up to 1.5 inches thick. The floor heaved a good deal, and was said to be worse if more than 1 foot of clay was removed.

PRODUCTION HISTORY

| Company | Mine Name | Years | Production (tons) |
|--|-------------------------------------|-----------|-------------------|
| Chicago, Wilmington & Vermilion Coal Co. | C., W. & V. (Third) No. 2, (Herrin) | 1895-1904 | 2,045,273 |
| Chicago, Wilmington & Vermilion Coal Co. | C., W. & V. No. 2 (Colchester) | 1904-1912 | 845,680 |
| Chicago, Wilmington & Vermilion Coal Co. | C., W. & V. No. 2 (Colchester) | 1912-1914 | 363,889 * |
| | | | 3,254,842 |

* Production after map date

Last reported production: March 1914

SOURCES OF DATA

| Source Map | Date | Original Scale | Digitized Scale | Map Type |
|------------------------------------|---------|----------------|-----------------|------------------|
| Microfilm, document 352414 | 2-1912 | 1:2400 | 1:4303 | Not final |
| ISGS map library, 4103.L32 i5.1-23 | Undated | 1:12069 | 1:12069 | Secondary source |

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, seams, depth, thickness, mining method.

Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.

ENR Document 85/01 - Mining method.

Mine notes (La Salle County) - Shaft location, geologic problems.

Microfilm map, document 352414, reel 03139, frame 85 - Shaft locations, mine outline, mining method (Colchester Coal).

ISGS map library, 4103.L32 i5.1-23, compilation map of Streator Coal Field - Mine outline (Herrin Coal).

Mine Index 620
French Coal Company, French Mine

Type: Underground Total mined-out acreage shown: 76

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

| Type | County | Township-Range | Section | Quarters-Footage |
|------------|----------|----------------|---------|------------------|
| Main shaft | La Salle | 31N 3E | 3 | SW SE SW |
| Air shaft | La Salle | 31N 3E | 3 | NW NE SW |
| Air shaft | La Salle | 31N 3E | 3 | NW NE SW |

GEOLOGY

| Seam(s) Mined | Depth (ft) | Thickness (ft) | | | Mining Method |
|---------------|------------|----------------|-----|---------|---------------|
| | | Min | Max | Avg | |
| Herrin | 90-98 | | | 8.0-9.0 | MRP |

Geologic Problems Reported: Samples taken in the mine indicate a 1 inch clay band was commonly found in the seam. Sometimes a pyrite band or lense was also found.

PRODUCTION HISTORY

| Company | Mine Name | Years | Production (tons) |
|---------------------|-----------|-----------|---------------------------|
| French Coal Company | French | 1926-1955 | <u>483,879</u> 483,879 |

Last reported production: 1955

SOURCES OF DATA

| Source Map | Date | Original Scale | Digitized Scale | Map Type |
|----------------------------|----------|----------------|-----------------|----------|
| Microfilm, document 352436 | 1-3-1955 | 1:1200 | 1:2731 | Final |

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.
 Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.
 Mine notes (La Salle County) - Mine type, shaft location, depth, thickness, geologic problems.
 Microfilm map, document 352436, reel 03139, frame 111 - Shaft locations, mine outline, mining method.

Mine Index 645
Star Coal Company, Star No. 1 Mine

Type: Underground Total mined-out acreage shown: None; production indicates approximately 190 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

| Type | County | Township-Range | Section | Quarters-Footage |
|--------------|----------|----------------|---------|------------------|
| Main shaft * | La Salle | 31N 3E | 22 | SW SE NW |

* The 1889 Coal Report stated an air shaft was constructed on the eastern side of the mine. The western side was ventilated through Scott's old mine shaft (mine index 5675). The air shaft is not shown on the accompanying map because of the lack of a source map for this mine.

GEOLOGY

| Seam(s) Mined | Depth (ft) | Thickness (ft) | | | Mining Method |
|---------------|------------|----------------|-----|-----|---------------|
| | | Min | Max | Avg | |
| Danville | 45-69 | | | 5.5 | RP |
| Colchester | | | | | LW |

Geologic Problems Reported: The mine flooded in May 1893 from surface water of Moon Creek coming in through breaks that extended from the workings to the surface.

PRODUCTION HISTORY

| Company | Mine Name | Years | Production (tons) |
|---------------------------------------|------------|-----------|---------------------------|
| Star Coal Company | Ripley | 1885-1888 | 308,150 |
| Streator Wilmington Star Coal Company | Star No. 1 | 1888-1889 | 124,866 |
| Star Coal Company | Star No. 1 | 1889-1894 | <u>517,907</u> 950,923 |

Last reported production: 1894

SOURCES OF DATA

| Source Map | Date | Original Scale | Digitized Scale | Map Type |
|------------|---------|----------------|-----------------|------------------|
| Mine notes | Undated | 1:62500 | 1:24000 ** | Secondary source |

** The mine location was plotted on a 1:24000 USGS topograph map from the mine location description and digitized.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, mine type, depth, thickness, mining method, geologic problems.

Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.

ENR Document 85/01 - Mining method.

Mine notes (La Salle County) - Shaft location, seam.

Mine Index 754**Acme Coal Company, Acme No. 1 Mine**

Type: Underground Total mined-out acreage shown: 199 Production indicates approximately 375 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLe LOCATIONS

| Type | County | Township-Range | Section | Quarters-Footage |
|------------|----------|----------------|---------|------------------|
| Main shaft | La Salle | 31N 4E | 31 | SE NW NW |
| Air shaft | La Salle | 31N 4E | 31 | SE NW NW |

GEOLOGY

| Seam(s) Mined | Depth (ft) | Thickness (ft) | | | Mining Method |
|---------------|------------|----------------|-----|---------|---------------|
| | | Min | Max | Avg | |
| Herrin | 106-110 | | | 4.4-6.5 | MRP |

Geologic Problems Reported: Rolls were common. There were several small clay bands within the seam that extended throughout the mine. Each band varied in thickness. A washing plant was necessary to clean the product.

PRODUCTION HISTORY

| Company | Mine Name | Years | Production (tons) |
|-------------------|------------|-----------|-------------------------------|
| Acme Coal Company | Acme No. 1 | 1892-1914 | <u>2,027,724</u> 2,027,724 |

Last reported production: April 1914

SOURCES OF DATA

| Source Map | Date | Original Scale | Digitized Scale | Map Type |
|--|-----------|----------------|-----------------|------------------|
| Microfilm, mines 074.tif | 1898 | 1:1200 | 1:1200 | Not final |
| Microfilm, mines0b1.tif & mines0b2.tif | 7-31-1903 | 1:1200 | 1:2148 | Not final |
| Microfilm, mines051.tif | 5-1913 | 1:1200 | 1:1416 | Not final |
| Microfilm, mines079.tif | 1-22-1914 | 1:1200 | 1:1440 | Not final |
| Microfilm, document 352420 | 5-7-1915 | 1:1200 | 1:1655 | Secondary source |

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, depth, thickness.
 Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.
 Mine notes (La Salle County) - Mine type, shaft location, geologic problems.
 Microfilm, Coal Section files, mines074.tif - Slope & air shaft.
 Microfilm, Coal Section files, mines0b1.tif & mines0b2.tif - Mine outline, mining method.
 Microfilm, Coal Section files, mines051.tif - Mine outline (northern & western part).
 Microfilm, Coal Section files, mines079.tif - Mine outline (partial, eastern & southern part).
 Microfilm map, document 352420, reel 03139, frame 92, map of Munts Mine (mine index 2644) - Mine outline (northeastern part).

Mine Index 2567
Moran Coal Company, Moran Mine

Type: Underground Total mined-out acreage shown: 2 Production indicates less than 1 acre was mined after the map date. Production indicates approximately 10 acres were mined. This unmapped area is in the general area of mining north of the mine.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

| Type | County | Township-Range | Section | Quarters-Footage |
|------------|----------|----------------|---------|------------------|
| Main slope | La Salle | 31N 3E | 16 | NE NE NE |
| Air shaft | La Salle | 31N 3E | 16 | NE NE NE |

GEOLOGY

| Seam(s) Mined | Depth (ft) | Thickness (ft) | | | Mining Method |
|---------------|------------|----------------|-----|----------|---------------|
| | | Min | Max | Avg | |
| Herrin | | | | 3.83-4.0 | MRP |

Geologic Problems Reported:

PRODUCTION HISTORY

| Company | Mine Name | Years | Production (tons) |
|--------------------------|-----------------------|-------------|-------------------|
| Fink, Moran & Goldin | Fink, Moran & Goldin | 1917-1919 | 5,180 |
| Fink, Moran & Teldane | Fink, Moran & Teldane | 1919-1920 | 4,376 |
| Fink, Moran & Goldino | Fink, Moran & Goldino | 1920-1922 * | 4,400 |
| James Moran & C. Goldone | Moran & Goldone | 1922-1928 | 13,520 |
| James Moran | Moran | 1929-1937 | 4,999 |
| Moran Coal Company | Moran | 1937-1940 | 2,526 |
| Moran Coal Company | Moran | 1940-1940 | 871 * |
| | | | 36,872 |

* Production after map date

Last reported production: 1940

SOURCES OF DATA

| Source Map | Date | Original Scale | Digitized Scale | Map Type |
|----------------------------|-----------|----------------|-----------------|-----------|
| Microfilm, document 352432 | 1-22-1940 | 1:2000 | 1:2000 | Not final |

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.

Mine notes (La Salle County) - Shaft location, thickness.

Microfilm map, document 352432, reel 03139, frame 107 - Slope location, mine outline, mining method.

Mine Index 2569
Lux & Poldek, Hillside Mine

Type: Underground Total mined-out acreage shown: Less than 1

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

| Type | County | Township-Range | Section | Quarters-Footage |
|------------|----------|----------------|---------|------------------|
| Main drift | La Salle | 31N 3E | 9 | SE SE SE |

GEOLOGY

| Seam(s) Mined | Depth (ft) | Thickness (ft) | | | Mining Method |
|---------------|------------|----------------|-----|-----|---------------|
| | | Min | Max | Avg | |
| Herrin | | | | | |

Geologic Problems Reported:

PRODUCTION HISTORY

| Company | Mine Name | Years | Production (tons) |
|-----------------------|-----------|-------------|-------------------|
| Hillside Coal Company | Hillside | 1935-1939 * | 2,757 |
| Lux & Poldek | Hillside | 1940-1940 | 440 |
| | | | 3,197 |

* Idle 1938

Last reported production: 1940

SOURCES OF DATA

| Source Map | Date | Original Scale | Digitized Scale | Map Type |
|----------------------------|-----------|----------------|-----------------|------------------|
| Microfilm, document 352432 | 1:22-1940 | 1:2000 | 1:2000 | Secondary source |

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.

Mine notes (La Salle County) - Drift location.

Microfilm map, document 352432, reel 03136, frames 158, 159, map of Moran Mine (mine index 2567) - Shaft locations, mine outline, mining method.

Mine Index 2574
Senko Coal Company, Senko Mine

Type: Underground Total mined-out acreage shown: None; production indicates approximately 4 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

| Type | County | Township-Range | Section | Quarters-Footage |
|------------|----------|----------------|---------|------------------|
| Main slope | La Salle | 31N 3E | 10 | NW NW SE |

GEOLOGY

| Seam(s) Mined | Depth (ft) | Thickness (ft) | | | Mining Method |
|---------------|------------|----------------|-----|---------|---------------|
| | | Min | Max | Avg | |
| Herrin | 45-60 | | | 4.0-5.5 | RP |
| Colchester | 100-125 | | | | |

Geologic Problems Reported:

PRODUCTION HISTORY

| Company | Mine Name | Years | Production (tons) |
|------------------------|------------------------|-------------|-------------------|
| La Katos & Uhrin | La Katos & Uhrin | 1910-1917 | 4,321 |
| Senko, Uhrin & Bavolar | Senko, Uhrin & Bavolar | 1917-1918 | 1,200 |
| George A. Bavolar | Bavolar | 1918-1934 * | 6,087 |
| Joe Senko | Senko | 1927-1939 | 6,118 |
| Senko Coal Company | Senko | 1940-1941 | 373 |
| | | | 18,099 |

* Idle 1924-1926. Production not reported from 1930 to 1933 for mines producing less than 1,000 tons per year.

Last reported production: 1941

SOURCES OF DATA

| Source Map | Date | Original Scale | Digitized Scale | Map Type |
|------------|---------|----------------|-----------------|------------------|
| Mine notes | Undated | 1:62500 | 1:24000 ** | Secondary source |

** The mine location was plotted on a 1:24000 USGS topographic map from the mine location description and digitized.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, depth, thickness, mining method.
 Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.
 Mine notes (La Salle County) - Mine type, slope location, seam, depth, thickness.

Mine Index 2575**Chicago, Wilmington & Vermilion Coal Company, C., W. & V. (new) No. 1 Mine**

Type: Underground Total mined-out acreage shown: 276 Production indicates approximately 446 acres were mined in the Herrin Coal and 64 acres were mined in the Colchester Coal.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

| Type | County | Township-Range | Section | Quarters-Footage |
|------------|----------|----------------|---------|------------------|
| Main shaft | La Salle | 31N 3E | 10 | NW SE NW |
| Air shaft | La Salle | 31N 3E | 10 | SE SW NW |
| Slope | La Salle | 31N 3E | 10 | SW NE SW |

GEOLOGY

| Seam(s) Mined | Depth (ft) | Thickness (ft) | | | Mining Method |
|---------------|------------|----------------|-----|---------|---------------|
| | | Min | Max | Avg | |
| Herrin | 64 | | | 5.0-6.0 | MRP, some HER |
| Colchester | 209 | | | 3.0 | LW |

Geologic Problems Reported: Heavy timbering was required because of many slips and faults in the roof.

PRODUCTION HISTORY

| Company | Mine Name | Years | Production (tons) |
|--|----------------------------------|-----------|-------------------|
| Chicago, Wilmington & Vermilion Coal Co. | C., W. & V. (new) No. 1 (Herrin) | 1894-1903 | 2,208,832 |
| Chicago, Wilmington & Vermilion Coal Co. | C., W. & V. No. 1 (Colchester) | 1903-1907 | 313,400 |
| | | | 2,522,232 |

Last reported production: 1907

SOURCES OF DATA

| Source Map | Date | Original Scale | Digitized Scale | Map Type |
|----------------------------|-----------|----------------|-----------------|------------------|
| Microfilm, document 352413 | 5-1908 | 1:1200 | 1:2565 | Final |
| Microfilm, document 352400 | 1-15-1940 | 1:1200 | 1:1075 | Secondary source |

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, mine type, seam, thickness, mining method.
 Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.
 ENR Document 85/01 - Mining method.
 Mine notes (La Salle County) - Shaft location, seam, depth, geologic problems.
 Microfilm map, document 352413, reel 03139, frames 82-84 - Shaft locations, mine outline, mining method.
 Microfilm map, document 352400, reel 03139, frame 52, map of Kollar Mine (mine index 2568) - Mine outline (western part).

Mine Index 2576
Streator Coal Company, Streator Mine

Type: Underground Total mined-out acreage shown: 1 Production indicates less than 1 acre was mined after the map date.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

| Type | County | Township-Range | Section | Quarters-Footage |
|------------|----------|----------------|---------|------------------|
| Main shaft | La Salle | 31N 3E | 10 | SW SW NW |
| Air shaft | La Salle | 31N 3E | 10 | SE SW NW |

GEOLOGY

| Seam(s) Mined | Depth (ft) | Thickness (ft) | | | Mining Method |
|---------------|------------|----------------|-----|-----|---------------|
| | | Min | Max | Avg | |
| Herrin | 63 | | | 7.5 | MRP |

Geologic Problems Reported:

PRODUCTION HISTORY

| Company | Mine Name | Years | Production (tons) |
|-----------------------|-----------|-----------|-------------------|
| Streator Coal Company | Streator | 1940-1942 | 3,184 |
| Streator Coal Company | Streator | 1942-1943 | <u>1,832</u> * |
| | | | 5,016 |

* Production after map date

Last reported production: 1943

SOURCES OF DATA

| Source Map | Date | Original Scale | Digitized Scale | Map Type |
|----------------------------|----------|----------------|-----------------|-----------|
| Microfilm, document 352430 | 8-1-1942 | 1:480 | 1:595 | Not final |

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.
 Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.
 Mine notes (La Salle County) - Mine type, shaft location, seam, depth, thickness.
 Microfilm map, document 352430, reel 03139, frame 105 - Shaft locations, mine outline, mining method.

Mine Index 2577**Hill & Wahl, Hill & Wahl Mine**

Type: Underground Total mined-out acreage shown: None; production indicates approximately 3 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLe LOCATIONS

| Type | County | Township-Range | Section | Quarters-Footage |
|------|----------|----------------|---------|------------------|
| Mine | La Salle | 31N 3E | 10 | SW |

GEOLOGY

| Seam(s) Mined | Depth (ft) | Thickness (ft) | | | Mining Method |
|---------------|------------|----------------|-----|-----|---------------|
| | | Min | Max | Avg | |
| Herrin | | | | | Underground |

Geologic Problems Reported:

PRODUCTION HISTORY

| Company | Mine Name | Years | Production (tons) |
|--------------|--------------|-------------|-------------------|
| Hill & Brown | Hill & Brown | 1919-1925 * | 10,978 |
| Hill & Wahl | Hill & Wahl | 1925-1928 | <u>3,262</u> |
| | | | 14,240 |

* Production was not reported in 1922 for mines producing less than 10,000 tons.

Last reported production: 1928

SOURCES OF DATA

| Source Map | Date | Original Scale | Digitized Scale | Map Type |
|------------|---------|----------------|-----------------|------------------|
| Mine notes | Undated | 1:62500 | 1:24000 ** | Secondary source |

** The mine location was plotted on a 1:24000 USGS topographic map from the mine location description and digitized.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.

Mine notes (La Salle County) - Mine location.

Mine Index 2578**Joe Hozie Coal Company, Hozie Mine**

Type: Underground Total mined-out acreage shown: None; production indicates approximately 2 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

| Type | County | Township-Range | Section | Quarters-Footage |
|------------|----------|----------------|---------|------------------|
| Main slope | La Salle | 31N 3E | 10 | NE |

GEOLOGY

| Seam(s) Mined | Depth (ft) | Thickness (ft) | | | Mining Method |
|---------------|------------|----------------|-----|-----|---------------|
| | | Min | Max | Avg | |
| Colchester | | | | | |

Geologic Problems Reported:

PRODUCTION HISTORY

| Company | Mine Name | Years | Production (tons) |
|------------------------|-----------|-------------|-------------------|
| Joe Hozie Coal Company | Hozie | 1917-1926 * | 8,277 |
| | | | 8,277 |

* Idle 1920-1922

Last reported production: 1926

SOURCES OF DATA

| Source Map | Date | Original Scale | Digitized Scale | Map Type |
|------------|---------|----------------|-----------------|------------------|
| Mine notes | Undated | (text only) | 1:24000 ** | Secondary source |

** The mine location was located on a 1:24000 USGS topographic map and digitized from the mine location description.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.

Mine notes (La Salle County) - Mine type, slope location.

Mine Index 2579**Bargreen Brothers, Bargreen Brothers Mine**

Type: Underground Total mined-out acreage shown: None; production indicates less than 1 acre was mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

| Type | County | Township-Range | Section | Quarters-Footage |
|------------|----------|----------------|---------|------------------|
| Main slope | La Salle | 31N 3E | 13 | SW SW SE |

GEOLOGY

| Seam(s) Mined | Depth (ft) | Thickness (ft) | | | Mining Method |
|---------------|------------|----------------|-----|-----|---------------|
| | | Min | Max | Avg | |
| Herrin | 60 | | | 2.0 | RP |

Geologic Problems Reported:

PRODUCTION HISTORY

| Company | Mine Name | Years | Production (tons) |
|-------------------|-------------------|-----------|-------------------|
| Bargreen Brothers | Bargreen Brothers | 1903-1904 | 522 |
| | | | 522 |

Last reported production: 1904

SOURCES OF DATA

| Source Map | Date | Original Scale | Digitized Scale | Map Type |
|------------|---------|----------------|-----------------|------------------|
| Mine notes | Undated | 1:62500 | 1:24000 * | Secondary source |

* The mine location was plotted on a 1:24000 USGS topographic map from the mine location description and digitized.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, mine type, seam, depth, thickness, mining method.
Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.
Mine notes (La Salle County) - Slope location.

Mine Index 2580**Blue Eagle Coal Company, Blue Eagle Mine**

Type: Underground Total mined-out acreage shown: 1 Production indicates less than 1 acre was mined after the map date.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

| Type | County | Township-Range | Section | Quarters-Footage |
|------------|----------|----------------|---------|------------------|
| Main shaft | La Salle | 31N 3E | 13 | SE SW SW |
| Air shaft | La Salle | 31N 3E | 13 | SE SW SW |

GEOLOGY

| Seam(s) Mined | Depth (ft) | Thickness (ft) | | | Mining Method |
|---------------|------------|----------------|-----|-----|---------------|
| | | Min | Max | Avg | |
| Herrin | 65 | | | 4.5 | Underground |

Geologic Problems Reported:

PRODUCTION HISTORY

| Company | Mine Name | Years | Production (tons) |
|-------------------------|------------|-----------|-------------------|
| Blue Eagle Coal Company | Blue Eagle | 1934-1940 | 5,140 |
| Blue Eagle Coal Company | Blue Eagle | 1939-1940 | <u>1,223</u> * |
| | | | 6,363 |

* Production after map date

Last reported production: 1940

SOURCES OF DATA

| Source Map | Date | Original Scale | Digitized Scale | Map Type |
|----------------------------|-----------|----------------|-----------------|-----------|
| Microfilm, document 352426 | 2-26-1939 | 1:192 | 1:318 | Not final |

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.

Mine notes (La Salle County) - Mine type, shaft location, depth, thickness.

Microfilm map, document 352426, reel 03139, frame 100 - Shaft locations, mine outline, mining method.

Mine Index 2581**Thomas Sowerby & Brothers, Sowerby Mine**

Type: Underground Total mined-out acreage shown: None; production indicates approximately 3 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

| Type | County | Township-Range | Section | Quarters-Footage |
|-------------|----------|----------------|---------|------------------|
| New shaft | La Salle | 31N 3E | 13 | SE NW SW |
| Old shaft * | La Salle | 31N 3E | 13 | SE SE SW |

* The Coal Report indicated the old mine was abandoned and a new mine was opened 1/4 mile south.

GEOLOGY

| Seam(s) Mined | Depth (ft) | Thickness (ft) | | | Mining Method |
|---------------|------------|----------------|-----|-----|---------------|
| | | Min | Max | Avg | |
| Herrin | 40-55 | | | 4.5 | RP |

Geologic Problems Reported:

PRODUCTION HISTORY

| Company | Mine Name | Years | Production (tons) |
|---------------------------|---------------|-----------|-------------------|
| Sowerby Brothers | Sowerby (old) | 1895-1898 | 5,511 |
| Thomas Sowerby & Brothers | Sowerby (new) | 1898-1901 | 11,142 |
| | | | 16,653 |

Last reported production: 1901

SOURCES OF DATA

| Source Map | Date | Original Scale | Digitized Scale | Map Type |
|------------------------------------|---------|----------------|-----------------|------------------|
| ISGS map library, 4103.L32 i5.1-23 | Undated | 1:12069 | 1:12069 | Secondary source |

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, shaft location (old), mine type, depth, thickness, mining method.

Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.

Mine notes (La Salle County) - Shaft location.

ISGS map library, 4103.L32 i5.1-23, map of Streator Coal Field - Shaft location (new).

Mine Index 2582
Star Coal Company, Star No. 2 Mine

Type: Underground Total mined-out acreage shown: 40 Production indicates approximately 450 acres were mined in all. The tonnage mined from the Colchester Coal is not known; some of the acreage will be in that lower seam.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

| Type | County | Township-Range | Section | Quarters-Footage |
|--------------|----------|----------------|---------|------------------|
| Main shaft * | La Salle | 31N 3E | 16 | NE NE |

* The 1893 and 1899 Coal Reports documented the construction of new air shafts, and noted that the mine used the hoist shaft of an abandoned mine on the west side for ventilation. The location of these air shafts are unknown and are not shown on the accompanying map.

GEOLOGY

| Seam(s) Mined | Depth (ft) | Thickness (ft) | | | Mining Method |
|---------------|------------|----------------|-----|---------|---------------|
| | | Min | Max | Avg | |
| Herrin | 85-86 | | | 5.0-6.0 | RP |

Geologic Problems Reported: Poor roof conditions in the northeastern part of the mine were noted on the source map.

PRODUCTION HISTORY

| Company | Mine Name | Years | Production (tons) |
|---|----------------------------------|-----------|-------------------|
| Star Coal Company | Star No. 2 | 1887-1888 | 8,342 |
| Streator & Wilmington Star Coal Company | Streator & Wilmington Star No. 2 | 1888-1889 | 15,040 |
| Star Coal Company | Star No. 2 | 1889-1904 | <u>2,229,283</u> |
| | | | 2,252,665 |

Last reported production: 1904

SOURCES OF DATA

| Source Map | Date | Original Scale | Digitized Scale | Map Type |
|----------------------------|-----------|----------------|-----------------|------------------|
| Microfilm, document 352432 | 1-22-1940 | 1:2000 | 1:2000 | Secondary source |

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, mine type, seam, depth, thickness, mining method.
 Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.
 Microfilm map, document 352432, reel 03139, frame 107, map of Moran Mine (mine index 2567) - Mine outline (northern & eastern parts), mining method, geologic problems.

Mine Index 2583**Thomas Francisco, Francisco Mine**

Type: Underground Total mined-out acreage shown: None; production indicates less than 1 acre was mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

| Type | County | Township-Range | Section | Quarters-Footage |
|------------|----------|----------------|---------|------------------|
| Main drift | La Salle | 31N 3E | 15 | NW NW SW |

GEOLOGY

| Seam(s) Mined | Depth (ft) | Thickness (ft) | | | Mining Method |
|---------------|------------|----------------|-----|-----|---------------|
| | | Min | Max | Avg | |
| Herrin | 65 | | | 6.0 | RP |

Geologic Problems Reported:

PRODUCTION HISTORY

| Company | Mine Name | Years | Production (tons) |
|------------------|-----------|-----------|-------------------|
| Thomas Francisco | Francisco | 1909-1910 | 200 200 |

Last reported production: 1910

SOURCES OF DATA

| Source Map | Date | Original Scale | Digitized Scale | Map Type |
|------------|---------|----------------|-----------------|------------------|
| Mine notes | Undated | 1:62500 | 1:24000 * | Secondary source |

* The mine location was plotted on a 1:24000 USGS topographic map from the mine location description and digitized.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, mine type, depth, thickness, mining method.
Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.
Mine notes (La Salle County) - Drift location.

Mine Index 2586
Louis Evans & Son, Evans Mine

Type: Underground Total mined-out acreage shown: 2 Production indicates approximately 4 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

| Type | County | Township-Range | Section | Quarters-Footage |
|------------|----------|----------------|---------|------------------|
| Main slope | La Salle | 31N 3E | 15 | NW NW NW |

GEOLOGY

| Seam(s) Mined | Depth (ft) | Thickness (ft) | | | Mining Method |
|---------------|------------|----------------|-----|----------|---------------|
| | | Min | Max | Avg | |
| Herrin | 25 | | | 4.0-4.67 | RP |

Geologic Problems Reported:

PRODUCTION HISTORY

| Company | Mine Name | Years | Production (tons) |
|-------------------|-----------|-----------|-------------------------|
| Louis Evans & Son | Evans | 1901-1907 | <u>17,046</u> 17,046 |

Last reported production: 1907

SOURCES OF DATA

| Source Map | Date | Original Scale | Digitized Scale | Map Type |
|----------------------------|-----------|----------------|-----------------|------------------|
| Microfilm, document 352432 | 1-22-1940 | 1:2000 | 1:2000 | Secondary source |

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, mine type, depth, thickness, mining method.
 Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.
 Microfilm map, document 352432, reel 03139, frame 107, map of Moran Mine (mine index 2567) - Mine outline (western part).

Mine Index 2594
John Petrotte, Petrotte Mine

Type: Surface & Underground Total mined-out acreage shown: Production indicates approximately 2 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

| Type | County | Township-Range | Section | Quarters-Footage |
|---------|----------|----------------|---------|------------------|
| Pit | La Salle | 31N 3E | 22 | NE SW SE |
| Drift * | La Salle | 31N 3E | 22 | NE SW SE |

* Surface mining took place the first two years (1914-1916), then, as depth increased, a drift entry was made off the highwall.

GEOLOGY

| Seam(s) Mined | Depth (ft) | Thickness (ft) | | | Mining Method |
|---------------|------------|----------------|-----|---------|---------------|
| | | Min | Max | Avg | |
| Herrin | 6-8 | | | 4.0-5.0 | Surface & RP |
| Spring Lake | 17-19 | | | | |

Geologic Problems Reported:

PRODUCTION HISTORY

| Company | Mine Name | Years | Production (tons) |
|---------------|-----------|-------------|-----------------------|
| John Petrotte | Petrotte | 1914-1925 * | <u>8,639</u> 8,639 |

* Production less than 10,000 tons was not reported in 1922.

Last reported production: 1925

SOURCES OF DATA

| Source Map | Date | Original Scale | Digitized Scale | Map Type |
|------------|---------|----------------|-----------------|------------------|
| Mine notes | Undated | 1:62500 | 1:24000 ** | Secondary source |

** The mine location was plotted on a 1:24000 USGS topographic map from the mine location description and digitized.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, mine type, depth, thickness, mining method.
 Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.
 Mine notes (La Salle County) - Mine location.
 ISGS field notes (La Salle County) - Drift location, depth (Spring Lake Coal).

Mine Index 2595
Star Coal Company, Star No. 3 Mine

Type: Underground Total mined-out acreage shown: Production indicates approximately 45 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

| Type | County | Township-Range | Section | Quarters-Footage |
|------------|----------|----------------|---------|------------------|
| Main shaft | La Salle | 31N 3E | 22 | SW NE SE |

GEOLOGY

| Seam(s) Mined | Depth (ft) | Thickness (ft) | | | Mining Method |
|---------------|------------|----------------|-----|----------|---------------|
| | | Min | Max | Avg | |
| Colchester | 123-135 | | | 2.83-3.0 | LW |

Geologic Problems Reported: A small pocket of gas that had accumulated overnight was ignited by a naked flame light as the men went to their workplaces in the morning. One fatality resulted.

PRODUCTION HISTORY

| Company | Mine Name | Years | Production (tons) |
|----------------------------|-------------|-----------|-------------------|
| Spring Hill Coal Company * | Spring Hill | 1893-1895 | 29,009 |
| Star Coal Company | Star No. 3 | 1895-1900 | <u>193,776</u> |
| | | | 222,785 |

* Baer & Roberts were the owners of Spring Hill Coal Company.

Last reported production: 1900

SOURCES OF DATA

| Source Map | Date | Original Scale | Digitized Scale | Map Type |
|------------------------------------|---------|----------------|-----------------|------------------|
| ISGS map library, 4103.L32 i5.1-23 | Undated | 1:12069 | 1:12069 | Secondary source |

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, mine type, seam, depth, thickness, mining method, geologic problems.
 Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.
 ENR Document 85/01 - Mining method.
 Mine notes (La Salle County) - Shaft location.
 ISGS map library, 4103.L32 i5.1-23, map of Streator Coal Field - Shaft locations, mine outline, mining method.

Mine Index 2596**McClernon Brothers, McClernon Mine**

Type: Underground Total mined-out acreage shown: None; production indicates less than 1 acre was mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

| Type | County | Township-Range | Section | Quarters-Footage |
|------|----------|----------------|---------|------------------|
| Mine | La Salle | 31N 3E | 22 | SW NW SE |

GEOLOGY

| Seam(s) Mined | Depth (ft) | Thickness (ft) | | | Mining Method |
|---------------|------------|----------------|-----|------|---------------|
| | | Min | Max | Avg | |
| Herrin | 50 | | | 5.67 | Underground |

Geologic Problems Reported:

PRODUCTION HISTORY

| Company | Mine Name | Years | Production (tons) |
|--------------------|-----------|-----------|-------------------|
| McClernon Brothers | McClernon | 1934-1936 | <u>774</u> 774 |

Last reported production: 1936

SOURCES OF DATA

| Source Map | Date | Original Scale | Digitized Scale | Map Type |
|------------|---------|----------------|-----------------|------------------|
| Mine notes | Undated | 1:62500 | 1:24000 * | Secondary source |

* The mine location was plotted on a 1:24000 USGS topographic map from the mine location description and digitized.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, mine type.

Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.

Mine notes (La Salle County) - Mine location.

ISGS field notes (La Salle County) - Depth, thickness.

Mine Index 2598**Price & Jones, Price & Jones Mine**

Type: Underground Total mined-out acreage shown: 10 Production indicates approximately 17 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLe LOCATIONS

| Type | County | Township-Range | Section | Quarters-Footage |
|------------|----------|----------------|---------|------------------|
| Main shaft | La Salle | 31N 3E | 23 | SE SE SW |

GEOLOGY

| Seam(s) Mined | Depth (ft) | Thickness (ft) | | | Mining Method |
|---------------|------------|----------------|-----|---------|---------------|
| | | Min | Max | Avg | |
| Herrin | 32-33 | | | 5.0-5.5 | MRP |

Geologic Problems Reported: A roll that was 16 feet long was present in one room, causing poor roof conditions.

PRODUCTION HISTORY

| Company | Mine Name | Years | Production (tons) |
|----------------|----------------|-----------|-------------------|
| Jones & Dawson | Jones & Dawson | 1887-1888 | 3,000 |
| Price & Jones | Price & Jones | 1888-1898 | 63,508 68,508 |

Last reported production: 1898

SOURCES OF DATA

| Source Map | Date | Original Scale | Digitized Scale | Map Type |
|--|---------|----------------|-----------------|------------------|
| Microfilm, mines09a.tif & mines09c.tif | Undated | Unknown | 1:45248 | Secondary source |

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, depth, thickness, geologic problems.

Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.

ENR Document 85/01 - Mining method.

Mine notes (La Salle County) - Mine type, shaft location, seam, depth, thickness.

Microfilm map, Coal Section files, mines09a.tif & mine09c.tif - Shaft locations, mine outline, mining method.

Mine Index 2600**William Thomas Coal Company, Eagle Clay Works Mine**

Type: Underground Total mined-out acreage shown: 2

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

| Type | County | Township-Range | Section | Quarters-Footage |
|------------|----------|----------------|---------|------------------|
| Main shaft | La Salle | 31N 3E | 23 | NW SW SE |

GEOLOGY

| Seam(s) Mined | Depth (ft) | Thickness (ft) | | | Mining Method |
|------------------------|------------|----------------|-----|------|---------------|
| | | Min | Max | Avg | |
| Danville (1897-1898) | 60 | | | 5.0 | MRP |
| Colchester (1893-1897) | 200 | | | 2.83 | RP |

Geologic Problems Reported:**PRODUCTION HISTORY**

| Company | Mine Name | Years | Production (tons) |
|-----------------------------|------------------|-------------|-------------------|
| Eagle Clay Works | Eagle Clay Works | 1893-1894 | 750 |
| John B. Plumb | Eagle Clay Works | 1894-1897 * | 1,700 |
| William Thomas Coal Company | Eagle Clay Works | 1897-1898 | <u>3,065</u> |
| | | | 5,515 |

* Idle 1897

Last reported production: 1898

SOURCES OF DATA

| Source Map | Date | Original Scale | Digitized Scale | Map Type |
|--|---------|----------------|-----------------|------------------|
| Microfilm, mines09a.tif & mines09c.tif | Undated | Unknown | 1:45248 | Secondary source |

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, mine type, seam, depth, thickness, mining method.
 Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.
 Mine notes (La Salle County) - Shaft location, seam.
 Microfilm map, Coal Section files, mines09a.tif & mines09c.tif - Shaft locations, mine outline, mining method.
 Microfilm map, document 352417, reel 03139, frame 88, map of C., W. & V. (Third) No. 3 Mine (mine index 99) -
 Verification of shaft ownership.

Mine Index 2602
Joe Seroka, Seroka No. 1 Mine

Type: Underground Total mined-out acreage shown: 5

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

| Type | County | Township-Range | Section | Quarters-Footage |
|--------------|----------|----------------|---------|------------------|
| Main shaft * | La Salle | 31N 3E | 23 | SW NW SE |

* An un-mined area of the C., W. & V. (Third) No. 3 Mine (mine index 99) was mined by Seroka. Ventilation was probably through the old workings rather than an air shaft constructed by Seroka.

GEOLOGY

| Seam(s) Mined | Depth (ft) | Thickness (ft) | | | Mining Method |
|---------------|------------|----------------|-----|-----|---------------|
| | | Min | Max | Avg | |
| Herrin | 50-59 | | | 5.0 | MRP |

Geologic Problems Reported:

PRODUCTION HISTORY

| Company | Mine Name | Years | Production (tons) |
|-------------------------------|------------------|-----------|-------------------|
| Seroka & Flavell | Seroka & Flavell | 1914-1915 | 200 |
| Seroka Coal Company | Seroka | 1915-1916 | 3,108 |
| Seroka & Flavell Coal Company | Seroka & Flavell | 1916-1918 | 14,610 |
| Ben D. Roberts | Roberts | 1918-1919 | 6,000 |
| Joe Seroka | Seroka No. 1 | 1919-1920 | <u>3,000</u> |
| | | | 26,918 |

Last reported production: 1920

SOURCES OF DATA

| Source Map | Date | Original Scale | Digitized Scale | Map Type |
|--|---------|----------------|-----------------|------------------|
| Microfilm, mines09a.tif & mines09c.tif | Undated | Unknown | 1:45248 | Secondary source |

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, depth, thickness, mining method.
 Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.
 ENR Document 85/01 - Mining method.
 Mine notes (La Salle County) - Shaft location.
 Microfilm map, Coal Section files, mines09a.tif & mines09c.tif - Shaft location, mine outline, mining method.

Mine Index 2603
Frank Hurst, Hurst Mine

Type: Underground Total mined-out acreage shown: None; production indicates less than 1 acre was mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

| Type | County | Township-Range | Section | Quarters-Footage |
|------------|----------|----------------|---------|------------------|
| Main shaft | La Salle | 31N 3E | 23 | NE SW |

GEOLOGY

| Seam(s) Mined | Depth (ft) | Thickness (ft) | | | Mining Method |
|---------------|------------|----------------|-----|-----|---------------|
| | | Min | Max | Avg | |
| Herrin | 52-55 | | | 5.0 | RP |

Geologic Problems Reported:

PRODUCTION HISTORY

| Company | Mine Name | Years | Production (tons) |
|-------------|-----------|-----------|-----------------------|
| Frank Hurst | Hurst | 1895-1897 | <u>1,570</u> 1,570 |

Last reported production: 1897

SOURCES OF DATA

| Source Map | Date | Original Scale | Digitized Scale | Map Type |
|------------------------------------|---------|----------------|-----------------|------------------|
| ISGS map library, 4103.L32 i5.1-23 | Undated | 1:12069 | 1:12069 | Secondary source |

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, mine type, depth, thickness, mining method.
 Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.
 Mine notes (La Salle County) - Shaft location.
 ISGS map library, 4103.L32 i5.1-23, map of Streator Coal Field - Shaft location.

Mine Index 2604**Lukins & Cavanaugh, Lukins & Cavanaugh Mine**

Type: Underground Total mined-out acreage shown: A general area of mining of 50 acres is shown on the accompanying map in the vicinity of this mine. Production indicates approximately 13 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

| Type | County | Township-Range | Section | Quarters-Footage |
|------------|----------|----------------|---------|------------------|
| Main shaft | La Salle | 31N 3E | 23 | NE NW SW |

GEOLOGY

| Seam(s) Mined | Depth (ft) | Thickness (ft) | | | Mining Method |
|---------------|------------|----------------|-----|---------|---------------|
| | | Min | Max | Avg | |
| Herrin | 30-50 | | | 5.0-5.5 | RP |

Geologic Problems Reported: The mine was flooded by Coal Run Creek in April 1878 and although the water was pumped out, the mine did not produce substantially after the flood. This was the first mine disaster in Streator, and only one man out of approximately 100 men in the mine survived.

PRODUCTION HISTORY

| Company | Mine Name | Years | Production (tons) |
|-----------------------|--------------------|----------------|-------------------|
| Coal Run Coal Company | Peanut | pre1881-1882 * | 25,000 |
| Lukins & Kavanaugh | Old Peanut | 1882-1888 | 26,988 |
| M. Brooks | Brooks | 1888-1889 | 800 |
| Lukins & Cavanaugh | Lukins & Cavanaugh | 1889-1892 | <u>7,468</u> |
| | | | 60,256 |

* The 1882 Coal Report indicated 25 acres had been mined. Ownership, production and years of operation before July 1881 are unknown. *Biography in Black, A History of Streator, Illinois* implies that this mine opened in the early 1870s.

Last reported production: 1892

SOURCES OF DATA

| Source Map | Date | Original Scale | Digitized Scale | Map Type |
|------------------------------------|---------|----------------|-----------------|------------------|
| ISGS map library, 4103.L32 i5.1-23 | Undated | 1:12069 | 1:12069 | Secondary source |

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, mine type, depth, thickness, mining method.
 Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.
 Mine notes (La Salle County) - Shaft location.
 Angle, Paula, *Biography in Black, A History of Streator, Illinois* - Geologic problems.
 ISGS map library, 4103.L32 i5.1-23, map of Streator Coal Field - Shaft locations, mine outline.

Mine Index 2605
Thomas Mitchell, Mitchell Mine

Type: Underground Total mined-out acreage shown: None; production indicates less than 1 acre was mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

| Type | County | Township-Range | Section | Quarters-Footage |
|------------|----------|----------------|---------|------------------|
| Main drift | La Salle | 31N 3E | 23 | NE NW NE |

GEOLOGY

| Seam(s) Mined | Depth (ft) | Thickness (ft) | | | Mining Method |
|---------------|------------|----------------|-----|-----|---------------|
| | | Min | Max | Avg | |
| Herrin | | | | 5.0 | RP |

Geologic Problems Reported:

PRODUCTION HISTORY

| Company | Mine Name | Years | Production (tons) |
|-----------------|-----------|-----------|-------------------|
| Thomas Mitchell | Mitchell | 1916-1917 | <u>250</u> 250 |

Last reported production: 1917

SOURCES OF DATA

| Source Map | Date | Original Scale | Digitized Scale | Map Type |
|------------|---------|----------------|-----------------|------------------|
| Mine notes | Undated | 1:62500 | 1:24000 * | Secondary source |

* The mine location was plotted on a 1:24000 USGS topographic map from the mine location description and digitized.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, thickness, mining method.
 Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.
 Mine notes (La Salle County) - Mine type, drift location.

Mine Index 2606
Clarence Kimes, Kimes Mine

Type: Underground Total mined-out acreage shown: None; production indicates less than 1 acre was mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

| Type | County | Township-Range | Section | Quarters-Footage |
|------|----------|----------------|---------|------------------|
| Mine | La Salle | 31N 3E | 23 | NW SW |

GEOLOGY

| Seam(s) Mined | Depth (ft) | Thickness (ft) | | | Mining Method |
|---------------|------------|----------------|-----|-----|---------------|
| | | Min | Max | Avg | |
| Herrin | | | | | Underground |

Geologic Problems Reported:

PRODUCTION HISTORY

| Company | Mine Name | Years | Production (tons) |
|----------------|-----------|-----------|-----------------------|
| Clarence Kimes | Kimes | 1935-1937 | <u>3,115</u> 3,115 |

Last reported production: 1937

SOURCES OF DATA

| Source Map | Date | Original Scale | Digitized Scale | Map Type |
|------------|---------|----------------|-----------------|------------------|
| Mine notes | Undated | 1:62500 | 1:24000 * | Secondary source |

* The mine location was plotted on a 1:24000 USGS topographic map from the mine location description and digitized.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, mine type.
 Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.
 Mine notes (La Salle County) - Mine location.

Mine Index 2608**Chicago, Wilmington & Vermilion Coal Company, C., W. & V. (First) No. 2 Mine**

Type: Underground Total mined-out acreage shown: 367

SHAFT, SLOPE, DRIFT or TIPPLe LOCATIONS

| Type | County | Township-Range | Section | Quarters-Footage |
|--------------|----------|----------------|---------|------------------|
| Main shaft * | La Salle | 31N 3E | 36 | SE NW NE |

* The 1885 Coal Report indicated there may have been as many as four air shafts (two upcast and two downcast).

GEOLOGY

| Seam(s) Mined | Depth (ft) | Thickness (ft) | | | Mining Method |
|---------------|------------|----------------|-----|---------|---------------|
| | | Min | Max | Avg | |
| Herrin | 85-120 | | | 5.0-5.5 | MRP |

Geologic Problems Reported: The seam was faulty, full of clay slips and horsebacks.

PRODUCTION HISTORY

| Company | Mine Name | Years | Production (tons) |
|--|---------------------------|--------------|-------------------------------|
| Chicago, Wilmington & Vermilion Coal Co. | C., W. & V. (First) No. 2 | 1875-1894 ** | <u>1,484,282</u> 1,484,282 |

** Production before July 1881 is unknown, but the 1882 Coal Report indicated 229 acres had been mined. According to *Biography in Black, A History of Streator, Illinois*, the mine opened in 1875.

Last reported production: 1894

SOURCES OF DATA

| Source Map | Date | Original Scale | Digitized Scale | Map Type |
|--|-----------|----------------|-----------------|------------------|
| Microfilm, mines087.tif & mines088.tif | Undated | Unknown | 1:4248 | Secondary source |
| Microfilm, document 352420, frame 93 | 8-7-1936 | 1:600 | 1:720 | Secondary source |
| Microfilm, document 352425 | 1-12-1916 | 1:1200 | 1:1821 | Secondary source |
| Microfilm, document 352420, frame 92 | 5-7-1915 | 1:1200 | 1:1655 | Secondary source |
| Microfilm, mines07c.tif | 3-30-1908 | 1:720 | 1:840 | Secondary source |
| Microfilm, mines06f.tif | 2-1914 | 1:720 | 1:756 | Secondary source |
| Microfilm, mines0b1.tif & mines0b2.tif | 7-31-1903 | 1:1200 | 1:2148 | Secondary source |
| Microfilm, mines051.tif | 5-1913 | 1:1200 | 1:1416 | Secondary source |
| Microfilm, mines079.tif | 1-22-1914 | 1:1200 | 1:1440 | Secondary source |
| Atlas of La Salle County | 1876 | 1:31680 | 1:31680 | Secondary source |

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, depth, thickness, mining method, geologic problems.

Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.

ENR Document 85/01 - Mining method.

Microfilm map, Coal Section files, mines087.tif & mines088.tif - Mine outline (northern half), mining method.

Microfilm map, document 352420, reel 03139, frame 93, map of Munts No. 1 Mine (mine index 2640) - Mine outline (southeastern part).

Microfilm map, document 352425, reel 03139, frame 99, map of Stobs Mine (mine index 2632) - Mine outline (southern part).

Microfilm map, document 352420, reel 03139, frame 92, map of Munts Mine (mine index 2644) - Mine outline (eastern & northeastern part).

Microfilm map, Coal Section files, mines07c.tif - Mine outline (southwestern part).

Microfilm map, Coal Section files, mines06f.tif, map of Stobs Mine (mine index 2632) - Mine outline (western part).

Microfilm map, Coal Section files, mines0b1.tif & mines0b2.tif, map of Acme No. 1 Mine (mine index 754) - Mine outline (northeastern part).

Microfilm map, Coal Section files, mines051.tif, map of Acme No. 1 Mine (mine index 754) - Mine outline (eastern).

Microfilm map, Coal Section files, mines079.tif, map of Acme No. 1 Mine (mine index 754) - Mine outline (eastern & southern parts).

Atlas of La Salle County, Illinois, Warner & Beers, 1876 - Years of operation, shaft location.

Mine Index 2609**Chicago, Wilmington & Vermilion Coal Company, C., W. & V. (old) No. 1 Mine**

Type: Underground Total mined-out acreage shown: 821

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

| Type | County | Township-Range | Section | Quarters-Footage |
|--------------|----------|----------------|---------|------------------|
| Main shaft * | La Salle | 31N 3E | 25 | NE NW SW |

* No air shafts were shown on the source maps. The 1885 Coal Report stated two upcast air shafts were in operation, and a new air shaft was noted in the 1889 Coal Report (1900 feet west of the hoist shaft, with a stairway men could use to get to the workplace).

GEOLOGY

| Seam(s) Mined | Depth (ft) | Thickness (ft) | | | Mining Method |
|---------------|------------|----------------|-----|---------|---------------|
| | | Min | Max | Avg | |
| Herrin | 110 | | | 5.0-5.5 | MRP |

Geologic Problems Reported: The mine closed because of water breaking in from a creek on the surface. Pumping removed the water, but salvageable materials were removed and the mine closed after the flood.

PRODUCTION HISTORY

| Company | Mine Name | Years | Production (tons) |
|--|-------------------------|--------------|-------------------------------|
| Vermilion Coal Company | Vermilion No. 1 | 1870-1871 | unknown ** |
| Chicago, Wilmington & Vermilion Coal Co. | C., W. & V. (old) No. 1 | 1871-1891 ** | <u>2,191,707</u> 2,191,707 |

** Production before July 1881 is unknown, but the 1882 Coal Report indicated 310 acres had been mined. According to *Biography in Black, a History of Streator, Illinois*, this mine opened in 1870 and the company merged with Chicago & Wilmington Coal Company in 1871.

Last reported production: 1891

SOURCES OF DATA

| Source Map | Date | Original Scale | Digitized Scale | Map Type |
|--|-----------|----------------|-----------------|------------------|
| Microfilm, mines09a.tif & mines09c.tif | Undated | Unknown | 1:45248 | Secondary source |
| Microfilm, mines087.tif & mines088.tif | Undated | Unknown | 1:4248 | Secondary source |
| Microfilm, mines07c.tif | 3-30-1904 | 1:720 | 1:840 | Secondary source |

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, depth, thickness, geologic problems.
 Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.
 ENR Document 85/01 - Mining method.
 Mine notes (La Salle County) - Mine type, shaft location, seam.
 Atlas of La Salle County, Illinois, Warner & Beers, 1876 - Shaft location.
 Microfilm map, Coal Section files, mines09a.tif & mines09c.tif - Shaft locations, mine outline, mining method.
 Microfilm map, Coal Section files, mines087.tif & mines088.tif - Mine outline.
 Microfilm map, Coal Section files, mines07c.tif, map of Howe Mine (mine index 5677) - Mine outline.

Mine Index 2613
Joseph Crew, Crew Mine

Type: Underground Total mined-out acreage shown: 41

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

| Type | County | Township-Range | Section | Quarters-Footage |
|------------|----------|----------------|---------|------------------|
| Main shaft | La Salle | 31N 3E | 26 | NW SE SE |
| Air shaft | La Salle | 31N 3E | 26 | NW SE SE |
| Slope | La Salle | 31N 3E | 26 | NW SE SE |

GEOLOGY

| Seam(s) Mined | Depth (ft) | Thickness (ft) | | | Mining Method |
|---------------|------------|----------------|-----|-----|---------------|
| | | Min | Max | Avg | |
| Herrin | 35-50 | | | 5.0 | MRP |

Geologic Problems Reported:

PRODUCTION HISTORY

| Company | Mine Name | Years | Production (tons) |
|------------------------|-----------|--------------|-------------------|
| Vermilion Coal Company | Old Slope | circa 1866 | unknown * |
| Joseph Crew | Crew | 1881-1884 ** | 14,828 |
| James Crew | Crew | 1884-1885 | 7,000 |
| Joseph Crew | Crew | 1885-1888 | <u>14,412</u> |
| | | | 36,240 |

* Production for this mine is not known. According to *Biography in Black, A History of Streator, Illinois*, the mine opened soon after Colonel Ralph Plumb arrived in January 1866. The location of the slope was said to be at the foot of Adams Street, just north of Cedar Street. Microfilm, document 352401, labels portions of the Crew Mine "Old Slope Workings" and labels the "Old Slope", which fits the location described for Vermilion Coal Company. This would explain the large mined area when Crew Mine production would account for only 15 acres.

** Production before July 1881 is unknown. The 1882 Coal Report indicated 6 acres had been mined.

Last reported production: 1883

SOURCES OF DATA

| Source Map | Date | Original Scale | Digitized Scale | Map Type |
|----------------------------|-----------|----------------|-----------------|------------------|
| Microfilm, mines087.tif | Undated | Unknown | 1:4248 | Secondary source |
| Microfilm, document 352401 | 3-23-1940 | 1:480 | 1:562 | Secondary source |
| Microfilm, document 352441 | Undated | 1:1200 | 1:1986 | Secondary source |

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, depth, thickness, mining method.

Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.

ENR Document 85/01 - Mining method.

Mine notes (La Salle County) - Shaft location.

Microfilm map, Coal Section files, mines087.tif - Mine outline, mining method.

Microfilm map, document 352401, reel 03139, frame 53, map of West Side Mine (mine index 2612) - Shaft locations, mine outline (southern part), mining method.

Microfilm map, document 352441, reel 03139, frame 117, map of Howe Mine (mine index 5707) - Mine outline (portion of southern part of mine).

Angle, Paula, 1961, *Biography in Black, A History of Streator, Illinois* - Ownership, years of operation, mine location.

Mine Index 2614
William Howe, Howe Mine

Type: Underground Total mined-out acreage shown: None; production indicates approximately 5 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

| Type | County | Township-Range | Section | Quarters-Footage |
|------------|----------|----------------|---------|------------------|
| Main shaft | La Salle | 31N 3E | 26 | SW SE NW |

GEOLOGY

| Seam(s) Mined | Depth (ft) | Thickness (ft) | | | Mining Method |
|---------------|------------|----------------|-----|---------|---------------|
| | | Min | Max | Avg | |
| Herrin | 40-50 | | | 5.0-5.5 | RP |

Geologic Problems Reported:

PRODUCTION HISTORY

| Company | Mine Name | Years | Production (tons) |
|----------------------|----------------------|-----------|-------------------------|
| Howe & Heatherington | Howe & Heatherington | 1881-1882 | unknown * |
| William Howe | Howe | 1882-1888 | <u>22,730</u> 22,730 |

* One of nine mines producing a total of 5,000 tons

Last reported production: 1888

SOURCES OF DATA

| Source Map | Date | Original Scale | Digitized Scale | Map Type |
|------------------------------------|---------|----------------|-----------------|------------------|
| ISGS map library, 4103.L32 i5.1-23 | Undated | 1:12069 | 1:12069 | Secondary source |

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, mine type, depth, thickness, mining method.
 Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.
 Mine notes (La Salle County) - Shaft location.
 ISGS map library, 4103.L32 i5.1-23, map of Streator Coal Field - Shaft location.

Mine Index 2615
Daniel Roberts, Roberts Mine

Type: Underground Total mined-out acreage shown: None; production indicates less than 1 acre was mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

| Type | County | Township-Range | Section | Quarters-Footage |
|------------|----------|----------------|---------|------------------|
| Main shaft | La Salle | 31N 3E | 26 | NW SE NW |

GEOLOGY

| Seam(s) Mined | Depth (ft) | Thickness (ft) | | | Mining Method |
|---------------|------------|----------------|-----|-----|---------------|
| | | Min | Max | Avg | |
| Herrin | 65 | | | 4.0 | RP |

Geologic Problems Reported:

PRODUCTION HISTORY

| Company | Mine Name | Years | Production (tons) |
|----------------|-----------|-----------|-----------------------|
| Daniel Roberts | Roberts | 1896-1897 | <u>1,050</u> 1,050 |

Last reported production: 1897

SOURCES OF DATA

| Source Map | Date | Original Scale | Digitized Scale | Map Type |
|------------------------------------|---------|----------------|-----------------|------------------|
| ISGS map library, 4103.L32 i5.1-23 | Undated | 1:12069 | 1:12069 | Secondary source |

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, mine type, depth, thickness, mining method.
 Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.
 Mine notes (La Salle County) - Shaft location.
 ISGS map library, 4103.L32 i5.1-23, map of Streator Coal Field - Shaft location.

Mine Index 2616
Fred W. Eads, Eads Mine

Type: Underground Total mined-out acreage shown: None; production indicates approximately 12 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

| Type | County | Township-Range | Section | Quarters-Footage |
|------------|----------|----------------|---------|------------------|
| Main shaft | La Salle | 31N 3E | 26 | NE NW NW |

GEOLOGY

| Seam(s) Mined | Depth (ft) | Thickness (ft) | | | Mining Method |
|---------------|------------|----------------|-----|---------|---------------|
| | | Min | Max | Avg | |
| Herrin | 56 | | | 5.0-5.5 | RP |

Geologic Problems Reported:

PRODUCTION HISTORY

| Company | Mine Name | Years | Production (tons) |
|--------------|-----------|--------------|-------------------|
| Fred W. Eads | Eads | pre1881-1890 | 54,904 * |
| | | | 54,904 |

* Production before July 1881 is unknown, but the 1882 Coal Report indicated 25 acres had been mined.

Last reported production: 1890

SOURCES OF DATA

| Source Map | Date | Original Scale | Digitized Scale | Map Type |
|------------------------------------|---------|----------------|-----------------|-------------------|
| ISGS map library, 4103.L32 i5.1-23 | Undated | 1:12069 | 1:12069 | Secondary source. |

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, mine type, depth, thickness, mining method.
 Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.
 Mine notes (La Salle County) - Shaft location.
 ISGS map library, 4103.L32 i5.1-23, map of Streator Coal Field - Shaft location.

Mine Index 2617
Sarnberger Brothers, Sarnberger Mine

Type: Underground Total mined-out acreage shown: None; production indicates less than 1 acre was mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

| Type | County | Township-Range | Section | Quarters-Footage |
|------------|----------|----------------|---------|------------------|
| Main shaft | La Salle | 31N 3E | 27 * | |

* The location within the section is not known and the mine is shown on the accompanying map in the center of the section.

GEOLOGY

| Seam(s) Mined | Depth (ft) | Thickness (ft) | | | Mining Method |
|---------------|------------|----------------|-----|---------|---------------|
| | | Min | Max | Avg | |
| Herrin | 47-65 | | | 5.0-5.5 | RP |

Geologic Problems Reported:

PRODUCTION HISTORY

| Company | Mine Name | Years | Production (tons) |
|---------------------|------------|-----------|-----------------------|
| Sarnberger Brothers | Sarnberger | 1882-1884 | <u>1,150</u> 1,150 |

Last reported production: 1884

SOURCES OF DATA

| Source Map | Date | Original Scale | Digitized Scale | Map Type |
|-------------|------|----------------|-----------------|------------------|
| Coal Report | 1883 | (text only) | 1:24000 ** | Secondary source |

** The mine location was plotted on a 1:24000 USGS topographic map from the mine location description and digitized.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, mine type, depth, thickness, mine location.
 Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.

Mine Index 2636**Chicago, Wilmington & Vermilion Coal Company, C., W. & V. (Second) No. 2 Mine**

Type: Underground Total mined-out acreage shown: 48 The production for this mine was not listed in the Coal Reports. C., W. & V. (Third) No. 2 Mine (mine index 276) is nearby and the production from this mine may have been hauled (and reported) from that tippie, which was next to a railroad.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

| Type | County | Township-Range | Section | Quarters-Footage |
|------------|----------|----------------|---------|------------------|
| Main shaft | La Salle | 31N 3E | 24 | SW NW SE |
| Air shaft | La Salle | 31N 3E | 24 | SW NW SE |

GEOLOGY

| Seam(s) Mined | Depth (ft) | Thickness (ft) | | | Mining Method |
|---------------|------------|----------------|-----|---------|---------------|
| | | Min | Max | Avg | |
| Herrin | 116 | | | 6 | RP |
| Colchester | 245-260 | | | 3.0-3.5 | LW |

Geologic Problems Reported:

PRODUCTION HISTORY

| Company | Mine Name | Years | Production (tons) |
|--|----------------------------|---------|-------------------|
| Chicago, Wilmington & Vermilion Coal Co. | C., W. & V. (Second) No. 2 | 1887- * | Unknown * |

* The location and opening year are from *Biography in Black, A History of Streator, Illinois*. Production may have been reported under C., W. & V. No. 1 Mine (mine index 2609).

Last reported production:

SOURCES OF DATA

| Source Map | Date | Original Scale | Digitized Scale | Map Type |
|--|------------|----------------|-----------------|------------------|
| Microfilm, mines09a.tif & mines09c.tif | Undated | Unknown | 1:45248 | Secondary source |
| Microfilm, document 352434 | 11-26-1921 | 1:1200 | 1:1820 | Secondary source |
| ISGS map library, 4103.L32 i5.1-23 | Undated | 1:12069 | 1:12069 | Secondary source |

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.

ENR Document 85/01 - Mining method.

Mine notes (La Salle County) - Mine type, shaft location, seam, depth, thickness.

Microfilm map, Coal Section files, mines09a.tif & mines09c.tif - Shaft locations, mine outline (western extent), mining method.

Microfilm map, document 352434, reel 03139, frame 109, map of Acme Mine (mine index 275) - Shaft locations, mine outline (central portion), mining method.

ISGS map library, 4103.L32 i5.1-23, map of Streator Coal Field - Mine outline (northwestern & southeastern parts).

Mine Index 2638
Piney Coal Company, Piney Mine

Type: Underground Total mined-out acreage shown: None; production indicates approximately 1 acre was mined.

SHAFT, SLOPE, DRIFT or TIPPLe LOCATIONS

| Type | County | Township-Range | Section | Quarters-Footage |
|------------|----------|----------------|---------|------------------|
| Main shaft | La Salle | 31N 4E | 18 | SE SE SW |

GEOLOGY

| Seam(s) Mined | Depth (ft) | Thickness (ft) | | | Mining Method |
|---------------|------------|----------------|-----|---------|---------------|
| | | Min | Max | Avg | |
| Herrin | 65-78 | | | 4.0-5.5 | |

Geologic Problems Reported:

PRODUCTION HISTORY

| Company | Mine Name | Years | Production (tons) |
|--------------------|--------------|--------------|-------------------|
| Fred Beneckindorf | Beneckindorf | 1881-1883 | 3,000 * |
| Abandoned | | 1883-1897 | |
| Piney Coal Company | Piney | 1897-1899 ** | <u>1,025</u> |
| | | | 4,025 |

* Production not reported in 1882

** Piney Coal Company opened a new mine on the Beneckindorf farm and used the old hoist shaft for their air shaft, indicating the underground works were connected.

Last reported production: 1899

SOURCES OF DATA

| Source Map | Date | Original Scale | Digitized Scale | Map Type |
|------------------------------------|---------|----------------|-----------------|------------------|
| ISGS map library, 4103.L32 i5.1-23 | Undated | 1:12069 | 1:12069 | Secondary source |

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, mine type, depth, thickness.

Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.

Mine notes (La Salle County) - Shaft location.

ISGS map library, 4103.L32 i5.1-23, map of Streator Coal Field - Shaft location.

Mine Index 2639**Baer & Roberts, Baer & Roberts Mine**

Type: Underground Total mined-out acreage shown: None; production indicates less than 1 acre was mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

| Type | County | Township-Range | Section | Quarters-Footage |
|------------|----------|----------------|---------|------------------|
| Main shaft | La Salle | 31N 4E | 18 | NW SW SW |

GEOLOGY

| Seam(s) Mined | Depth (ft) | Thickness (ft) | | | Mining Method |
|---------------|------------|----------------|-----|-----|---------------|
| | | Min | Max | Avg | |
| Herrin | | | | 4.0 | RP |

Geologic Problems Reported:

PRODUCTION HISTORY

| Company | Mine Name | Years | Production (tons) |
|----------------|----------------|-----------|-----------------------|
| Baer & Roberts | Baer & Roberts | 1895-1896 | <u>1,000</u> 1,000 |

Last reported production: 1896

SOURCES OF DATA

| Source Map | Date | Original Scale | Digitized Scale | Map Type |
|------------------------------------|---------|----------------|-----------------|------------------|
| ISGS map library, 4103.L32 i5.1-23 | Undated | 1:12069 | 1:12069 | Secondary source |

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, mine type, thickness, mining method.

Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.

Mine notes (La Salle County) - Shaft location.

ISGS map library, 4103.L32 i5.1-23, map of Streator Coal Field - Shaft location.

Mine Index 2641**Otter Creek Coal Company, Otter Creek Mine**

Type: Underground Total mined-out acreage shown: 210 Production indicates approximately 110 acres were mined. The mine outline may contain the workings of another company in addition to the Otter Creek Mine.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

| Type | County | Township-Range | Section | Quarters-Footage |
|------------|----------|----------------|---------|------------------|
| Main shaft | La Salle | 31N 4E | 19 | NE SW SE |

GEOLOGY

| Seam(s) Mined | Depth (ft) | Thickness (ft) | | | Mining Method |
|---------------|------------|----------------|-----|-----|---------------|
| | | Min | Max | Avg | |
| Herrin | 100-110 | | | 5.5 | RP |

Geologic Problems Reported: A roll adversely affected the roof in at least one room.

PRODUCTION HISTORY

| Company | Mine Name | Years | Production (tons) |
|----------------------------|-------------|-----------|-------------------|
| Coal Run Coal Company | Otter Creek | 1886-1890 | 187,329 |
| H. & N. Plumb | Otter Creek | 1890-1891 | 41,336 |
| Nelson Plumb | Otter Creek | 1891-1895 | 258,716 |
| Prairie Creek Coal Company | Otter Creek | 1895-1897 | 45,777 |
| Otter Creek Coal Company | Otter Creek | 1897-1897 | 8,986 |
| | | | 542,144 |

Last reported production: 1897

SOURCES OF DATA

| Source Map | Date | Original Scale | Digitized Scale | Map Type |
|------------------------------------|---------|----------------|-----------------|------------------|
| ISGS map library, 4103.L32 i5.1-23 | Undated | 1:12069 | 1:12069 | Secondary source |
| Atlas | 1906 | 1:3600 | 1:3600 | Secondary source |

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, mine type, depth, thickness, mining method, geologic problems.

Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.

ENR Document 85/01 - Mining method.

Mine notes (La Salle County) - Shaft location.

ISGS map library, 4103.L32 i5.1-23, map of Streator Coal Field - Shaft locations, mine outline.

Standard Atlas of La Salle County, Illinois, 1906 - Shaft location.

Mine Index 2642**Streator Fuel Company, Streator Fuel No. 1 Mine**

Type: Underground Total mined-out acreage shown: None; production indicates approximately 10 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

| Type | County | Township-Range | Section | Quarters-Footage |
|------------|----------|----------------|---------|------------------|
| Main shaft | La Salle | 31N 4E | 20 | NE SW SW |

GEOLOGY

| Seam(s) Mined | Depth (ft) | Thickness (ft) | | | Mining Method |
|---------------|------------|----------------|-----|----------|---------------|
| | | Min | Max | Avg | |
| Herrin | 75 | | | 4.5-6.17 | RP |

Geologic Problems Reported: Clay partings up to 3 inches thick were present in the seam.

PRODUCTION HISTORY

| Company | Mine Name | Years | Production (tons) |
|-----------------------|---------------------|-----------|-------------------|
| Streator Fuel Company | Streator Fuel No. 1 | 1907-1910 | 50,168 50,168 |

Last reported production: 1910

SOURCES OF DATA

| Source Map | Date | Original Scale | Digitized Scale | Map Type |
|------------|---------|----------------|-----------------|------------------|
| Mine notes | Undated | 1:62500 | 1:24000 * | Secondary source |

* The mine location was plotted on a 1:24000 USGS topographic map from the mine location description and digitized.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, mine type, mining method.

Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.

Mine notes (La Salle County) - Shaft location, seam, depth, thickness, geologic problems.

Mine Index 2644
Munts Brothers, Munts Mine

Type: Underground Total mined-out acreage shown: 35 Production indicates approximately 14 acres were mined, 3 of those acres after the map date. The area shown on the accompanying map is too large for the reported production and must include the area mined by Munts in 1901-1907 (mine index 2649).

SHAFT, SLOPE, DRIFT or TIPPLe LOCATIONS

| Type | County | Township-Range | Section | Quarters-Footage |
|------------|----------|----------------|---------|------------------|
| Main shaft | La Salle | 31N 4E | 30 | SE SE SW |
| Air shaft | La Salle | 31N 4E | 30 | SE SE SW |

GEOLOGY

| Seam(s) Mined | Depth (ft) | Thickness (ft) | | | Mining Method |
|---------------|------------|----------------|-----|-----|---------------|
| | | Min | Max | Avg | |
| Herrin | 100 | | | 6.0 | MRP |

Geologic Problems Reported:

PRODUCTION HISTORY

| Company | Mine Name | Years | Production (tons) |
|----------------|-----------|-------------|-------------------|
| Munts Brothers | Munts | 1908-1915 * | 58,221 |
| Munts Brothers | Munts | 1915-1917 | 15,200 ** |
| | | | 73,421 |

* Idle 1910

** Production after map date

Last reported production: 1917

SOURCES OF DATA

| Source Map | Date | Original Scale | Digitized Scale | Map Type |
|----------------------------|----------|----------------|-----------------|-----------|
| Microfilm, document 352420 | 5-7-1915 | 1:1200 | 1:1655 | Not final |

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, mine type.

Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.

Mine notes (La Salle County) - Shaft location, seam, depth, thickness.

Microfilm map, document 352420, reel 03139, frame 92 - Shaft locations, mine outline, mining method.

Mine Index 5492**Robert Pedelty & Mitchell, Pedelty & Mitchell Mine**

Type: Underground Total mined-out acreage shown: 2 Production indicates less than 1 acre was mined after the map date.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

| Type | County | Township-Range | Section | Quarters-Footage |
|------------|----------|----------------|---------|------------------|
| Main slope | La Salle | 31N 3E | 23 | SE SW SE |
| Air shaft | La Salle | 31N 3E | 23 | SE SW SE |

GEOLOGY

| Seam(s) Mined | Depth (ft) | Thickness (ft) | | | Mining Method |
|---------------|------------|----------------|-----|-----|---------------|
| | | Min | Max | Avg | |
| Herrin | | | | | MRP |

Geologic Problems Reported:

PRODUCTION HISTORY

| Company | Mine Name | Years | Production (tons) |
|---------------------------|--------------------|-----------|-------------------|
| Pedelty Brothers | Pedelty | 1917-1919 | 4,500 |
| Robert Pedelty & Company | Pedelty | 1919-1920 | 2,856 |
| Robert Pedelty & Mitchell | Pedelty & Mitchell | 1920-1921 | 2,861 * |
| | | | 10,217 |

* Production after map date

Last reported production: 1921

SOURCES OF DATA

| Source Map | Date | Original Scale | Digitized Scale | Map Type |
|--|-----------|----------------|-----------------|------------------|
| Microfilm, mines04c.tif | 10-8-1920 | 1:600 | 1:600 | Not final |
| Microfilm, document 353244 | 7-2-1919 | 1:600 | 1:600 | Not final |
| Microfilm, mines09a.tif & mines09c.tif | Undated | Unknown | 1:45248 | Secondary source |

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, mine type.

Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.

ENR Document 85/01 - Mining method.

Mine notes (La Salle County) - Slope location.

Microfilm, Coal Section files, mines04c.tif - Slope & shaft locations, mine outline, mining method.

Microfilm map, document 353244, reel 03139, frame 95 - Slope & shaft locations, mine outline, mining method.

Microfilm map, Coal Section files, mines09a.tif & mines09c.tif - Mine outline (eastern extent).

Mine Index 5543
Heenanville Coal Company, Heenanville Mine

Type: Underground Total mined-out acreage shown: 15

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

| Type | County | Township-Range | Section | Quarters-Footage |
|------------|----------|----------------|---------|------------------|
| Main shaft | La Salle | 31N 3E | 3 | SW SW SW |
| Air shaft | La Salle | 31N 3E | 3 | SW SW SW |

GEOLOGY

| Seam(s) Mined | Depth (ft) | Thickness (ft) | | | Mining Method |
|---------------|------------|----------------|-----|---------|---------------|
| | | Min | Max | Avg | |
| Herrin | 20-50 | | | 4.0-5.0 | MRP |
| Colchester | 112 | | | 5.0 | RP |

Geologic Problems Reported:

PRODUCTION HISTORY

| Company | Mine Name | Years | Production (tons) |
|--------------------------|-------------|--------------|-------------------|
| William Francis | Francis | 1901-1917 | 76,574 |
| Heenanville Coal Company | Old Francis | 1917-1920 * | 20,111 |
| Ben D. Roberts | Roberts | 1920-1922 ** | 14,000 |
| Heenanville Coal Company | Heenanville | 1922-1926 | 44,394 |
| | | | 155,079 |

* Idle or produced less than 10,000 tons in 1922

** Idle 1919

Last reported production: 1926

SOURCES OF DATA

| Source Map | Date | Original Scale | Digitized Scale | Map Type |
|----------------------------|----------|----------------|-----------------|------------------|
| Microfilm, document 352436 | 1-3-1955 | 1:1200 | 1:2731 | Secondary source |

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, mine type, seam, depth, thickness, mining method.
 Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.
 ISGS field notes (La Salle County) - Shaft location.
 Microfilm map, document 352436, reel 03139, frame 11, map of French Mine (mine index 620) - Mine outline, shaft locations, mining method.

Mine Index 5548
Barnhart Coal Company, Barnhart Mine

Type: Underground Total mined-out acreage shown: None; production indicates less than 1 acre was mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

| Type | County | Township-Range | Section | Quarters-Footage |
|------|----------|----------------|---------|------------------|
| Mine | La Salle | 31N 3E | 24 | SE NW NE |

GEOLOGY

| Seam(s) Mined | Depth (ft) | Thickness (ft) | | | Mining Method |
|---------------|------------|----------------|-----|-----|---------------|
| | | Min | Max | Avg | |
| Herrin | | | | | Underground |

Geologic Problems Reported:

PRODUCTION HISTORY

| Company | Mine Name | Years | Production (tons) |
|-----------------------|-----------|-----------|-------------------|
| Barnhart Coal Company | Barnhart | 1934-1934 | 135 |
| | | | 135 |

Last reported production: 1934

SOURCES OF DATA

| Source Map | Date | Original Scale | Digitized Scale | Map Type |
|--------------------|---------|----------------|-----------------|------------------|
| ISGS mine database | Undated | (text only) | 1:24000 * | Secondary source |

* The mine location was plotted on a 1:24000 USGS topographic map from the mine location description and digitized.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, mining method.
 Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.

Mine Index 5675
John Scott, Scott Mine

Type: Underground Total mined-out acreage shown: None; production indicates less than 1 acre was mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

| Type | County | Township-Range | Section | Quarters-Footage |
|------------|----------|----------------|---------|------------------|
| Main shaft | La Salle | 31N 3E | 22 | SW SE NW |

GEOLOGY

| Seam(s) Mined | Depth (ft) | Thickness (ft) | | | Mining Method |
|---------------|------------|----------------|-----|-----|---------------|
| | | Min | Max | Avg | |
| Herrin | 45-54 | | | 5.5 | RP |

Geologic Problems Reported:

PRODUCTION HISTORY

| Company | Mine Name | Years | Production (tons) |
|------------|-----------|-----------|-----------------------|
| John Scott | Scott | 1884-1886 | <u>2,413</u> 2,413 |

Last reported production: 1886

SOURCES OF DATA

| Source Map | Date | Original Scale | Digitized Scale | Map Type |
|-------------|------|----------------|-----------------|------------------|
| Coal Report | 1889 | (text only) | 1:24000 * | Secondary source |

* The mine location was plotted on a 1:24000 USGS topographic map from the mine location description (the west side of Star No. 1 Mine, mine index 645) and digitized.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, mine type, mine location, depth, thickness, mining method.

Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.

Mine Index 5682
Moses Baldwin, Eagle Mine

Type: Underground Total mined-out acreage shown: 27

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

| Type | County | Township-Range | Section | Quarters-Footage |
|------------|----------|----------------|---------|------------------|
| Main shaft | La Salle | 31N 3E | 23 | NW NE SW |
| Shaft | La Salle | 31N 3E | 23 | NE SE SW |
| Slope | La Salle | 31N 3E | 23 | NE SE SW |

GEOLOGY

| Seam(s) Mined | Depth (ft) | Thickness (ft) | | | Mining Method |
|---------------|------------|----------------|-----|---------|---------------|
| | | Min | Max | Avg | |
| Herrin | 30-54 | | | 5.0-5.5 | MRP |

Geologic Problems Reported:

PRODUCTION HISTORY

| Company | Mine Name | Years | Production (tons) |
|-----------------------|----------------|-------------|-------------------|
| Coal Run Coal Company | Coal Run No. 3 | 1883-1884 | 400 |
| Coal Run Coal Company | Eagle | 1884-1888 * | 133,000 |
| Moses Baldwin | Eagle | 1888-1893 | <u>1,886</u> |
| | | | 135,286 |

* Idle 1888

Last reported production: 1893

SOURCES OF DATA

| Source Map | Date | Original Scale | Digitized Scale | Map Type |
|-----------------------------|---------|----------------|-----------------|------------------|
| Microfilm, mines07d.tif | Undated | Unknown | 1:45248 | Undated |
| Atlas of La Salle County ** | 1892 | 1:6000 | 1:6000 | Secondary source |

** The Atlas was used in conjunction with *Biography in Black* to identify the landowner Plumb with Coal Run Coal Company, and the Eagle Mine near Second Street with the shaft shown in the Atlas.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, seam, mine type, depth, thickness, mining method.
 Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.
 Microfilm, Coal Section files, mines07d.tif - Mine outline, shaft location, mining method.
 Atlas of La Salle County, 1892 - Shaft location.
 Angle, Paula, *Biography in Black, A History of Streator, Illinois* - Mine location.

Mine Index 5703**Prairie Creek Coal Company, Prairie Creek Mine**

Type: Underground Total mined-out acreage shown: 2

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

| Type | County | Township-Range | Section | Quarters-Footage |
|------------|----------|----------------|---------|------------------|
| Main shaft | La Salle | 31N 3E | 26 | NW NW NE |
| Slope | La Salle | 31N 3E | 26 | NW NW NE |
| Air shaft | La Salle | 31N 3E | 26 | NW NW NE |

GEOLOGY

| Seam(s) Mined | Depth (ft) | Thickness (ft) | | | Mining Method |
|---------------|------------|----------------|-----|---------|---------------|
| | | Min | Max | Avg | |
| Herrin | 24-38 | | | 5.0-5.5 | MRP |

Geologic Problems Reported:**PRODUCTION HISTORY**

| Company | Mine Name | Years | Production (tons) |
|------------------------------|----------------|-----------|-------------------|
| D. W. Hill & Company | Hill | 1911-1914 | 5,642 |
| Prairie Creek Coal Company | Prairie Creek | 1914-1916 | 4,429 |
| Thomas & Reehl | Thomas & Reehl | 1916-1917 | 4,104 |
| Prairie Creek Coal Company * | Prairie Creek | 1917-1919 | <u>5,463</u> |
| | | | 19,638 |

* The source map shows an area on the eastern side of this mine labeled "Green's Old Works". The area is shown as undermined on the accompanying map, but it is included within the Price & Jones Mine (mine index 2598) outline.

Last reported production: 1919

SOURCES OF DATA

| Source Map | Date | Original Scale | Digitized Scale | Map Type |
|--|---------|----------------|-----------------|----------|
| Microfilm, mines09a.tif & mines09c.tif | Undated | Unknown | 1:45248 | Undated |

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.

ENR Document 85/01 - Mining method.

Mine notes (La Salle County) - Mine type, shaft location, seam, depth, thickness.

Microfilm map, Coal Section files, mines09a.tif & mines09c.tif - Shaft locations, mine outline.

Mine Index 5707**William Howe & Company, Howe Mine**

Type: Underground Total mined-out acreage shown: 38 Production indicates approximately 100 acres were mined. Additional mining may have occurred to the south.

SHAFT, SLOPE, DRIFT or TIPPLe LOCATIONS

| Type | County | Township-Range | Section | Quarters-Footage |
|------------|----------|----------------|---------|------------------|
| Main shaft | La Salle | 31N 3E | 26 | NW SE SE |
| Air shaft | La Salle | 31N 3E | 26 | SE NE SE |

GEOLOGY

| Seam(s) Mined | Depth (ft) | Thickness (ft) | | | Mining Method |
|---------------|------------|----------------|-----|-----|---------------|
| | | Min | Max | Avg | |
| Danville | 30-58 | | | 5.0 | MRP |

Geologic Problems Reported:

PRODUCTION HISTORY

| Company | Mine Name | Years | Production (tons) |
|------------------------|-----------------|-----------|-------------------|
| Howe & Harrison | Howe & Harrison | 1888-1889 | 2,800 |
| William Howe & Company | Howe | 1889-1901 | <u>443,520</u> |
| | | | 446,320 |

Last reported production: 1901

SOURCES OF DATA

| Source Map | Date | Original Scale | Digitized Scale | Map Type |
|-----------------------------------|-----------|----------------|-----------------|------------------|
| Microfilm, document 352441 | Undated | 1:1200 | 1:1986 | Undated |
| Microfilm, document 352401 | 3-23-1940 | 1:480 | 1:563 | Secondary source |
| ISGS map library, 4103.L32 i5.1-1 | 3-23-1940 | 1:480 | 1:480 | Secondary source |

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, mine type, seam, depth, thickness.

Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.

Microfilm map, document 352441, reel 03139, frame 117 - Shaft locations, mine outline, mining method.

Microfilm map, document 352401, reel 03139, frame 53, map of West Side Mine (mine index 2612) - Mine outline (partial).

ISGS map library, 4103.L32 i5.1-1, map of West Side Mine (mine index 2612) - Mine outline (partial).

Mine Index 5714
Mitchell Brothers, Mitchell Mine

Type: Underground Total mined-out acreage shown: None; production indicates approximately 2 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

| Type | County | Township-Range | Section | Quarters-Footage |
|------------|----------|----------------|---------|------------------|
| Main shaft | La Salle | 31N 3E | 23 * | |

* A more accurate location was not available for this mine the location is shown near the center of the section on the accompanying map.

GEOLOGY

| Seam(s) Mined | Depth (ft) | Thickness (ft) | | | Mining Method |
|---------------|------------|----------------|-----|---------|---------------|
| | | Min | Max | Avg | |
| Herrin | 20-74 | | | 5.0-5.5 | RP |

Geologic Problems Reported:

PRODUCTION HISTORY

| Company | Mine Name | Years | Production (tons) |
|-------------------|-----------|-----------|-----------------------|
| Mitchell Brothers | Mitchell | 1911-1914 | <u>8,870</u> 8,870 |

Last reported production: 1914

SOURCES OF DATA

| Source Map | Date | Original Scale | Digitized Scale | Map Type |
|----------------------------|---------|----------------|-----------------|------------------|
| Coal Section mine database | Undated | (text only) | 1:24000 ** | Secondary source |

** The mine location was plotted on a 1:24000 USGS topographic map from the mine location description and digitized.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, mine type, depth, thickness, mining method.
 Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.

Mine Index 6744**H. LaPrant, LaPrant Mine**

Type: Underground Total mined-out acreage shown: None; production indicates approximately 2 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

| Type | County | Township-Range | Section | Quarters-Footage |
|------------|----------|----------------|---------|------------------|
| Main shaft | La Salle | 31N 3E | 13 | NE SE SW |

GEOLOGY

| Seam(s) Mined | Depth (ft) | Thickness (ft) | | | Mining Method |
|---------------|------------|----------------|-----|---------|---------------|
| | | Min | Max | Avg | |
| Herrin | 50 | | | 4.5-5.0 | |

Geologic Problems Reported:

PRODUCTION HISTORY

| Company | Mine Name | Years | Production (tons) |
|------------|-----------|-----------|-----------------------|
| H. LaPrant | LaPrant | 1882-1883 | <u>7,050</u> 7,050 |

Last reported production: 1883

SOURCES OF DATA

| Source Map | Date | Original Scale | Digitized Scale | Map Type |
|------------------------------------|---------|----------------|-----------------|------------------|
| ISGS map library, 4103.L32 i5.1-23 | Undated | 1:12069 | 1:12069 | Secondary source |

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, mine type, depth, thickness.

Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.

ISGS map library, 4103.L32 i5.1-23, map of Streator Coal Field - Shaft location.

Mine Index 6840**Spring Lake Coal Company, Spring Lake Mine**

Type: Surface Total mined-out acreage shown: None; production indicates approximately 11 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

| Type | County | Township-Range | Section | Quarters-Footage |
|------|----------|----------------|---------|------------------|
| Mine | La Salle | 31N 3E | 22 | SE SE * |

* The mine notes indicate this company may also have mined NW SE SE 27-T31N-R3E.

GEOLOGY

| Seam(s) Mined | Depth (ft) | Thickness (ft) | | | Mining Method |
|---------------|------------|----------------|-----|-----|---------------|
| | | Min | Max | Avg | |
| Herrin | 10-20 | | | 2.0 | Surface |

Geologic Problems Reported:

PRODUCTION HISTORY

| Company | Mine Name | Years | Production (tons) |
|--------------------------|-------------|-----------|-------------------------|
| Spring Lake Coal Company | Spring Lake | 1936-1940 | <u>36,537</u> 36,537 |

Last reported production: 1940

SOURCES OF DATA

| Source Map | Date | Original Scale | Digitized Scale | Map Type |
|------------|---------|----------------|-----------------|------------------|
| Mine notes | Undated | 1:62500 | 1:24000 ** | Secondary source |

** The mine location was plotted on a 1:24000 USGS topographic map from the mine location description and digitized.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, mining method.

Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.

Mine notes (La Salle County) - Mine location, depth, thickness.

ISGS field notes (La Salle County) - Mine location.

OTHER MINES SHOWN ON STREATOR NORTH QUADRANGLE

Mine Index 2597, Thomas Childs SE SW SE 23-T31N-R3E source: Mine notes
 Mine Index 2601 NW SE SW 23-T31N-R3E, slope source: Microfilm, Coal Section files, mines07d.tif
 Mine Index 2643, Shelone Mine SE NW NW 20-T31N-R4E source: Mine notes
 Mine Index 5534 NW SE SW 23-T31N-R3E source: Microfilm, Coal Section files, mines07d.tif
 Mine Index 5654 SE SW NE 27-T31N-R3E source: Coal Section mines database
 Mine Index 5730 NE NE SW 22-T31N-R3E source: 1892 Atlas of La Salle County
 Mine Index 6403, Caverly Mine NE SW SW 23-T31N-R3E source: ISGS map library, 4103.L32 i5.1-23
 Mine Index 6404 NE NW NW 26-T31N-R3E source: ISGS map library, 4103.L32 i5.1-23
 Mine Index 6406 SW NW NW 26-T31N-R3E source: ISGS map library, 4103.L32 i5.1-23
 Mine Index 6407 SE NE NE 27-T31N-R3E source: ISGS map library, 4103.L32 i5.1-23
 Mine Index 6842, Kangley No. 1 Mine NE SW 22-T31N-R3E source: ISGS map library, 4103.L32 i5.1-23
 Mine Index 7094 SW NW NW 15-T31N-R3E source: ISGS field notes (L. C. Robinson, 1932)
 Mine Index 7095 NE SW NW 26-T31N-R3E source: ISGS field notes (L. C. Robinson, 1932)
 Mine Index 7096 NE NE NE 19-T31N-R4E source: ISGS field notes (B. R. Millington, 1932)
 Mine Index 7097 SW NW NW 20-T31N-R4E, shaft source: ISGS field notes (B. R. Millington, 1932)
 Mine Index 7098 SE NW NW 26-T31N-R3E, surface source: ISGS field notes (H. B. Wilman, 1935)

MINES WHOSE LOCATIONS ARE NOT KNOWN, STREATOR NORTH QUADRANGLE

The locations of the following mines are unknown, but the production tonnage, operating names, and nearest town were reported in the Annual Coal Reports. The operators listed below mined in or near the Streator North Quadrangle. The information shown is similar to that presented on the summary sheets in the previous pages of this directory. The first item is the name the mine operated under as listed in the Coal Report, then the years the mine reported. If no physical data are available, the next item listed is the total tons produced by the mine. If physical data are available, the order of presentation is as follows: type of opening for the mine (drift, slope or shaft), seam, depth of coal in feet, and thickness of coal in feet.

The total tons mined by these unlocated mines is 548,831 (484,739 underground, 23,511 surface mined and 40,581 mined by unknown method), which would represent approximately 95 to 190 acres, depending on the recovery factor, mining method, and numerous other factors. (Note: 1 square mile = 640 acres)

| | | |
|-----------------------------|--------------|-----------------|
| Thomas & Durham, circa 1904 | not reported | mine index 5708 |
| Wonders & Sons, 1916-1917 | not reported | mine index 5719 |
| Blank (Joe), 1916-1917 | not reported | mine index 5720 |
| Lucas (James), 1916-1917 | not reported | mine index 5721 |

FARM RIDGE (about section 20 in 32n-3e)

| | | |
|--|------------|-----------------|
| Cunningham (John), 1882-1883, shaft, Colchester, 70, 3.0 | 3,000 tons | mine index 5734 |
|--|------------|-----------------|

KANGLEY

| | | |
|--|------------|-----------------|
| Osborn & Crew, 1887-1889 | 1,802 tons | mine index 5752 |
| Blakely (Squire), 1896-1897, shaft, —, 80, 2.0, RP | 901 tons | mine index 5753 |
| Chamberlan & Tarpy, 1919-1920 | 900 tons | mine index 5755 |
| Adams & Tapley, 1922-1923 | 110 tons | mine index 5756 |
| Scott (W. B.), 1892-1893, shaft, —, 30, 8.0, RP | 2,500 tons | |

| | | |
|---|-------------------|--|
| McNeil (Jack), 1894-1896, shaft, —, 75, 4.0-4.5, RP | 200 tons | |
| McNeil (John), 1896-1910, drift, Herrin, 60-65, 4.0-5.0, RP | <u>7,425</u> tons | |
| | 7,625 tons | |

STREATOR

| | | |
|--|--------------------|-----------------|
| Howe & Roberts, 1888-1889 | 8,894 tons | mine index 2610 |
| Haswell (Robert), 1895-1896, drift, —, 30, 4.5, RP | 100 tons | mine index 2628 |
| Iliff (R. C.), 1936-1937, surface, Colchester | 650 tons | mine index 2685 |
| Bavolac (George A.), 1950-1950, surface | 40 tons | mine index 5662 |
| Ray Coal Company, 1939-1941, shaft | 784 tons | mine index 5665 |
| Smith Brothers, 1922-1925 | 1,018 tons | mine index 5666 |
| Robertson (J.), 1882-1883, shaft, —, 40-47, 4.5-5.5, RP | 3,000 tons | mine index 5668 |
| Hive & Robertson, 1883-1884 | <u>4,360</u> tons | |
| | 7,360 tons | |
| Howard (E.), 1881-1882, drift, —, —, 5.0-5.5, RP | not reported | mine index 5669 |
| Howard (Peter), 1882-1883 | 2,500 tons | |
| Howard (T.), 1883-1884 | 2,300 tons | |
| Howard (Peter), 1884-1885 | <u>2,100</u> tons | |
| | 6,900 tons | |
| Bussard (Floyd), 1881-1888, shaft or drift, —, 25, 4.5-5.5, RP | 6,834 tons | mine index 5670 |
| Himelrick & Stevens, 1881-1883, shaft, —, 40, 5.0 | 600 tons | mine index 5672 |
| Burgess & Courtney, 1882-1885, shaft, —, 45-63, 5.0-5.5, RP | 6,300 tons | mine index 5674 |
| Penman Company, 1887-1888 | 1,500 tons | mine index 5676 |
| Kirnes (Sylvester), 1888-1894, shaft, —, 30-35, 4.0, RP | 8,537 tons | mine index 5678 |
| Dawson (E. B.), 1888-1891, shaft, —, 25, 5.0, RP | 3,700 tons | mine index 5679 |
| Goodmanson & Dawson, 1891-1893 | <u>28,381</u> tons | |
| | 32,081 tons | |
| Nelson & Westerlund, 1890-1901, shaft, —, 18-35, 4.67-5.0, RP | 37,205 tons | mine index 5680 |
| Westerlund (John), 1901-1902 | <u>1,000</u> tons | |
| | 38,205 tons | |
| Lawton (William), 1890-1893, drift, —, —, 5.0, RP | 2,720 tons | mine index 5681 |
| Ryan (Peter), 1891-1893, shaft, —, 60-65, 5.0, RP | 4,335 tons | mine index 5683 |
| Conquelin & Company, 1891-1895, slope, —, 12, 5.0, RP | 13,950 tons | mine index 5684 |
| Fairbairn & Bliss, 1891-1892, slope, —, 18-20, 5.0, RP | 1,828 tons | mine index 5685 |
| Bliss (Freeman C.), 1892-1893 | <u>2,060</u> tons | |
| | 3,888 tons | |
| Rynn & Roberts, 1893-1897, shaft, —, 22-50, 4.83-5.0, RP | 4,695 tons | mine index 5687 |
| Hudson & Stubbs, 1894-1896, slope, —, 30-40, 4.5-5.0, RP | 4,462 tons | mine index 5688 |
| Penman (William), 1894-1896, shaft, —, 35-44, 4.0-5.0, RP | 1,933 tons | mine index 5689 |
| Alloway & Heinz, 1894-1898, drift, —, 35-40, 4.5-5.5, RP | 3,780 tons | mine index 5690 |

| | | |
|---|--------------------|-------------------|
| Alloway & Rushton, 1898-1900 | 1,550 tons | |
| Alloway & Stevie, 1900-1903 | <u>2,650</u> tons | |
| | 7,980 tons | |
| Castetter (John), 1894-1895, slope, —, 35, 4.0, RP | 1,307 tons | mine index 5691 a |
| Myers & Castetter, 1895-1897 | <u>1,487</u> tons | |
| | 2,794 tons | |
| Castetter Brothers, 1899-1900, shaft, —, 35-40, 4.0-4.5, RP | 1,600 tons | mine index 5691 b |
| Harr Brothers, 1900-1907 | <u>17,200</u> tons | |
| | 18,800 tons | |
| 2 miles SW of Streator, number of slips in coal & very soft roof | | |
| Stearn & Eccleson, 1894-1895, drift, —, 40, 5.5, RP | 340 tons | mine index 5692 |
| Vipond & Edmunds, 1895-1896, slope, —, 45, 5.0, RP | 250 tons | mine index 5693 |
| Purshuse & Company, 1891-1892, shaft, —, 10, 5.0, RP | 275 tons | mine index 5694 |
| Pursehouse Brothers, 1896-1897, shaft, —, 200, 5.5, RP | 522 tons | mine index 5694 |
| Penman (John), 1896-1897, shaft, —, 50, 4.0 | 400 tons | mine index 5695 |
| Bate & Cotter, 1897-1898, shaft, —, 100, 5.0 | 24,452 tons | mine index 5697 |
| Buchanan (J. E.), 1898-1902, slope, —, 40, 4.5, RP | 2,934 tons | mine index 5698 |
| Penman (John), 1899-1900, shaft, —, 20, 4.67, RP | 2,285 tons | mine index 5699 |
| Dawson & Gray, 1898-1899, shaft, —, 50, 4.67 | 200 tons | mine index 5700 |
| Bamwell Brothers, 1900-1901 | 1,500 tons | mine index 5704 |
| Smith (Thomas B.) & Son, 1902-1904, shaft, —, 51, 5.0, RP | 3,860 tons | mine index 5705 |
| Nelson & Stokes, 1903-1909, shaft, —, 14, 4.5-5.0, RP | 14,454 tons | mine index 5706 |
| Evans (Edward E.), No. 1 Mine, 1904-1907, shaft, —, 32, 4.0-4.5, RP | 11,381 tons | mine index 5710 |
| Evans Brothers, No. 2 Mine, 1903-1907, shaft, —, 55-60, 5.0, RP | 15,316 tons | mine index 5711 |
| Nelson & Stokes, No. 2 Mine, circa 1906-1910 | not reported | mine index 5712 |
| McMillin (William), No. 2 Mine, 1904-1906, shaft, —, 34, 5.0, RP | 4,383 tons | mine index 5713 |
| Lawton (Fred), 1916-1917, drift, —, —, 4.33, RP | 156 tons | mine index 5716 |
| Baldwin (Charles), 1916-1917, drift, —, —, 4.5, RP | 125 tons | mine index 5717 |
| Akers (W.), 1916-1917, drift, —, 30, 4.5, RP | 50 tons | mine index 5718 |
| Atkinson (Lee), 1919-1920 | 7,023 tons | mine index 5723 |
| Lawton & Son, 1919-1920 | 600 tons | mine index 5724 |
| Davidson & Fulwiler, 1920-1921 | 1,200 tons | mine index 5725 |
| Ideal Coal Company, 1920-1921 | 800 tons | mine index 5726 |
| Armstrong & Ray, 1919-1922 | 3,100 tons | mine index 5727 |
| Ray Brothers, 1922-1925 | <u>1,652</u> tons | |
| | 4,752 tons | |
| Redding & Bednor, 1927-1927 | 464 tons | mine index 5728 |

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|--|-----------------|-----------------|
| Gulvas (Steve), 1929-1929, underground | 50 tons | mine index 5731 |
| Streator Relief Mine, 1934-1934, surface | 400 tons | mine index 5823 |
| Robbins (James), 1881-1882, drift, —, —, 5.0 | 2,500 tons | |
| Roberts (J. D.), 1881-1882, drift, —, —, 5.0 | 1,800 tons | |
| McCready (James), 1881-1883 | 500 tons | mine index 5673 |
| nine mines, 1881-1882 | 5,000 tons | |
| Gilles (George), others not given names | | |
| Fairbairn (Robert), 1883-1891, —, —, 6-25, 4.0-5.5, RP | 18,166 tons | |
| Mackey (T.), 1883-1884, drift, —, —, 4.5, RP | 1,800 tons | |
| Munts (L. A.) & Son, 1897-1899, shaft, —, 35, 5.0 | 4,809 tons | |
| Dawson (E. B.), 1897-1898, drift, —, 45, 5.0 | 600 tons | |
| Price & Jones, 1898-1900, shaft, —, 20, 4.67, RP | 7,281 tons | |
| Sowerby (Joseph) & Company, No. 1 Mine, 1903-1905 drift, —, 50, 4.0-4.5, RP | 11,079 tons | |
| Sowerby (Joseph) & Company, No. 2 Mine, 1905-1906 slope, —, 50, 4.0, RP | 5,100 tons | |
| Lawton (William), 1910-1912, shaft, —, 40-50, 3.5-5.0, RP | 850 tons | |
| Harrison (Robert), 1914-1915, drift, —, 35, 4.5, RP | 300 tons | |
| Baiett & Talbot Coal Company, 1941-1944, surface | 13,755 tons | |
| Huber & Ray Coal Company, 1949-1949, underground | 15 tons | |
| Humenick & Surrock, 1939-1939, underground | 16 tons | |
| Noonan Mining Company, 1938-1938, surface | 169 tons | |
| Baiett & Talbot Coal Company, 1937-1938, surface | 440 tons | |
| Kimes (Oscar), 1917-1919 | 2,691 tons | |
| McNeil (Jack), 1915-1916, shaft, —, 65, 9.0, RP | 1,100 tons | |
| Farmers Coal Company, 1918-1919 | 250 tons | |
| Thomas (William) Coal Company, 1920-1935, underground | 30,325 tons | |
| Otter Creek Coal Company, 1922-1923 | 9,521 tons | |
| Worthington (Alfred), 1922-1923 | 400 tons | |
| Pratt (Jerry), 1923-1924 | 250 tons | |
| Woods Brothers, 1926-1933, surface | 2,514 tons | |
| Wood & Ryan, 1934-1935 | 808 tons | |
| Woods (William), No. 1 Mine, 1936-1936 | <u>312</u> tons | |
| | 3,634 tons | |
| Gilbert (Grover G.) Coal Company, 1927-1931, underground | 4,276 tons | |
| Chamberlain Coal Company, 1927-1927 | 300 tons | |

| | |
|--|--------------------|
| Petrotte & Worthington, 1929-1933, underground | 500 tons |
| Worthington (Albert), 1934-1934 | <u>265</u> tons |
| | 765 tons |
| Ray Brothers, 1932-1935, underground | 2,300 tons |
| Smith Mine, 1934-1934, underground | 100 tons |
| Van Grundy (Lacy), 1934-1934, underground | 440 tons |
| Black & White Coal Company, 1934-1935, surface | 360 tons |
| Armstrong & Ray, 1934-1934, underground | 275 tons |
| Hamilton (D. D.), 1934-1934, underground | 225 tons |
| Cenkouch (Frank), 1934-1934, underground | 200 tons |
| Crawford Coal Company, 1934-1934, surface | 135 tons |
| Martin Coal Company, 1934-1935, surface | 200 tons |
| East Side Coal Company, 1935-1936, underground | 1,229 tons |
| Pratt (William H.), 1935-1935, surface | 600 tons |
| Pratt Floral Company, 1936-1936 | <u>200</u> tons |
| | 800 tons |
| Bee Coal Company, 1935-1936, surface | 2,928 tons |
| Chicago, Joliet & Streator Coal Company, 1886-1889, shaft, —, 114, 5.5, RP | 74,100 tons |
| Illinois River Valley Coal Mining Company, 1889-1891 | <u>21,200</u> tons |
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Funding for this project was supplied by the Illinois Mine Subsidence Insurance Fund.