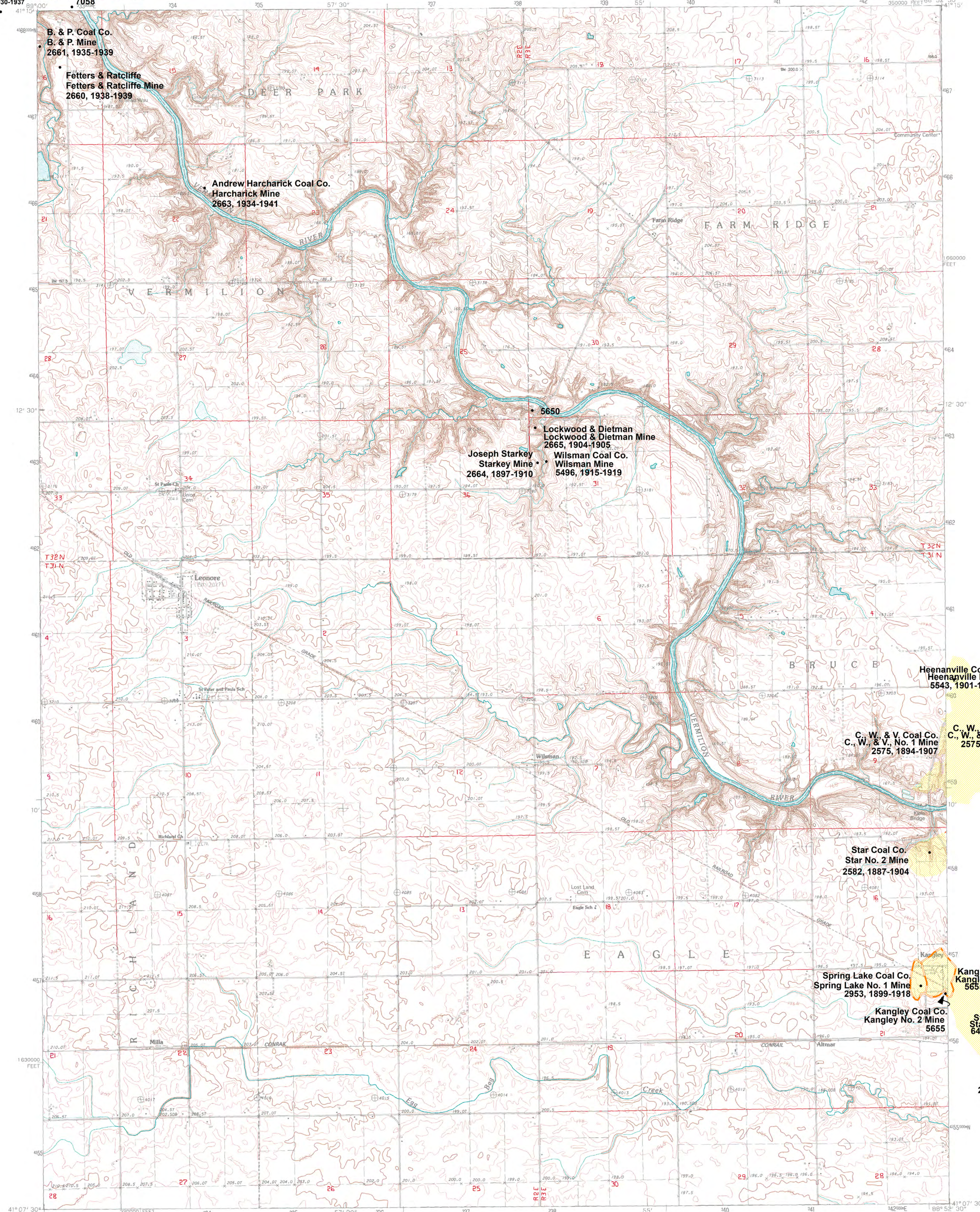


William Pettigrew
Pettigrew Mine
2662, 1936-1941

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LEONORE QUADRANGLE
ILLINOIS-LA SALLE CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



PROVISIONAL MAP
Produced from original
manuscript drawings. Infor-
mation shown as of date of
field check.

SCALE 1:24 000

KILOMETERS 0 1 2

METERS 0 1000 2000

MILES 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000

FEET 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000

CONTOUR INTERVAL 1.5 METERS

CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.1 METER

OTHER ELEVATIONS SHOWN TO THE NEAREST 0.5 METER

To convert meters to feet multiply by 3.2808



To convert feet to meters multiply by .3048

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
AND THE STATE GEOLOGICAL SURVEY, CHAMPAIGN, ILLINOIS 61820

1	2	3	1 La Salle
			2 Starved Rock
4		5	3 Ottawa
			4 Tonica
6	7	8	5 Streater North
			6 Wenons
			7 Long Point
			8 Streater South

ADJOINING 7.5' QUADRANGLE NAMES
CONTOURS AND ELEVATIONS
IN METERS

ROAD LEGEND

Route  U. S. Route  State Route

LEONORE, ILLINOIS
PROVISIONAL EDITION 1983
41088-B8-TM-024

41088-B8-TM-024

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

Alan R. Myers & C. Chenoweth



Department of Natural Resources
ILLINOIS STATE GEOLOGICAL SURVEY
2006
REVISED 2007

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

2006
REVISED 2007

ILLINOIS STATE GEOLOGICAL SURVEY
William Shilts, Chief

Natural Resources Building
615 East Peabody Drive
Champaign, Illinois 61820

Phone 1-217-244-4610
Fax 1-217-333-2830

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 LEONORE QUADRANGLE

Some very early mining took place in the Leonore Quadrangle. John Kangley began mining near the town of Kangley probably between 1865 and 1875, but these mines were closed or operating under other names by the time the Coal Reports began reporting production on a yearly basis. Two large mines operated here. The C., W. & V. No. 1 Mine (mine index 2575) worked from 1894 to 1907 and the Star No. 2 Mine (mine index 2582) was active from 1887 to 1904. Both mines worked out approximately 450 acres, but the source maps were very poor and the reliable mine outlines have not been found. The remainder of the mines in this area were generally small, less than 5 acres.

The Herrin Coal was less than 70 feet deep where it occurred over the Leonore Quadrangle, and was accessed through slopes and drifts as well as shafts. The Colchester Coal was about 200 feet deep in some places.

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

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.

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

PART II DIRECTORY OF MINES IN THE LEONORE QUADRANGLE

MINE SUMMARY SHEETS

A summary sheet on the geology and production history of each mine in the Leonore Quadrangle is provided. These 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 695

Monmouth Stone Company, Monmouth Stone No. 2 Mine

Type: Surface Total mined-out acreage shown: None; the source map states that 4 acres of clay and coal were worked out.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Pit	La Salle	32N 2E	16	N ½ NE

GEOLOGY

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

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Monmouth Stone Company	Monmouth Stone No. 2	1950-1954	<u>8,481</u> 8,481

Last reported production: May 1954

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 352435	10-8-1954	(sketch only)	1:24000 *	Final

* The map has no scale and does not show the mine workings. It is basically a sketch of information similar to a plat book, with the town of Lowell (shown on the La Salle Quadrangle, in 9-T32N-R2E), the Vermilion River, a cemetery and a few roads. The landowners controlled an 80 acre segment, and a rudimentary legend indicated 4 acres were mined.

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.

Microfilm map, document 352435, reel 03139, frame 110 - General mine location.

Mine Index 2450
Charles Scott, Scott 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 shaft	La Salle	31N 3E	9	SE SE NE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Herrin	75			3.5-4.0	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Charles Scott	Scott	1887-1900 *	19,425 19,425

* Idle 1893 & 1894

Last reported production: 1900

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, mine type, seams, depth, thickness, mining method.
 Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.
 ISGS mine database - Shaft location.

Mine Index 2451
John White, White 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
Main slope	La Salle	31N 3E	9	NE SE SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Herrin	16-54				RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
John White	White	1882-1887	<u>10,538</u> 10,538

Last reported production: 1887

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
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, depth, 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.
 Microfilm map, document 352400, reel 03139, frame 52 - Shaft locations, mine outline, mining method.

Mine Index 2566
John Marshall, Marshall 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 2E	2	NE SE SW

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)
Massey Brothers	Massey	1900-1901	700
John Marshall	Marshall	1901-1902	750
			1,450

Last reported production: 1902

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) - Shaft location.

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 also indicates approximately 10 acres were mined. This unmapped area is included 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	

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	5,376
Fink, Moran & Goldino	Fink, Moran & Goldino	1920-1922 *	4,400
James Moran & C. Goldone	Moran & Goldone	1922-1928	13,520
James Moran	Moran	1929-1936	3,616
Moran Coal Company	Moran	1937-1940	3,909
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) - Slope location, thickness.

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

Mine Index 2568**Andrew Kollar, Kollar Mine**

Type: Surface Total mined-out acreage shown: 1 Production indicates approximately 2 acres were mined after the map date.

SHAFT, SLOPE, DRIFT or TIPPLe LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Mine	La Salle	31N 3E	9	SW NE SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Herrin	19-30			2.5-4.0	Surface

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Andrew & Ervin Kollar	Kollar	1929-1933 *	200
Andrew Kollar	Kollar	1934-1939	4,783
Andrew Kollar	Kollar	1940-1958	12,007 **
			16,990

* Mines producing less than 1,000 tons per year were not listed in the Coal Reports from 1930 to 1933.

** Production after map date.

Last reported production: May 1958

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 352400	1-15-1940	1:1200	1:1075	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, mine location, seam, depth, thickness.

Microfilm map, document 352400, reel 03139, frame 52 - Mine outline, mining method.

Mine Index 2569
Lux & Poldek, Hillside 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	9	SE SE SE

GEOLOGY

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

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 03139, frame 107, map of Moran Mine (mine index 2567) - Mine location.

Microfilm map, document 352431, reel 03139, frame 106 - Mining method.

Mine Index 2570**Proudfoot & Davis Coal Company, Proudfoot & Davis Mine**

Type: Surface Total mined-out acreage shown: None; production indicates less than 2 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Pit	La Salle	31N 3E	9	NW SE SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Herrin	10			4.5-9.0	Surface

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Proudfoot & Davis Coal Company	Proudfoot & Davis	1931-1935	13,541
			13,541

Last reported production: 1935

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS field notes, L. C. Robinson	8-4-1932	(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.

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

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

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

Mine Index 2571
Samuel McCleary, McCleary Mine

Type: Underground Total mined-out acreage shown: None; production indicates approximately 2 acres were mined. With production before records were published, a total of 5 acres may have been mined.

SHAFT, SLOPE, DRIFT or TIPPLe LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	La Salle	31N 3E	9	NE NW SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Herrin	15-42			8.0-10.0	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Samuel McCleary	McCleary	pre1882-1893 *	17,758 17,758

* Production before July 1882 is unknown, but the 1883 Coal Report indicated 3 acres had been mined.

Last reported production: 1893

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

Mine Index 2572**Streator Union Coal Company, Streator Union 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
Mine shaft	La Salle	31N 3E	9	SW SW NE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Herrin	68			8.25	Underground

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Streator Union Coal Company	Streator Union	1932-1938	14,055
			14,055

Last reported production: 1938

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, depth, thickness.

Mine Index 2573**Joe Seroka, Seroka No. 2 Mine**

Type: Underground Total mined-out acreage shown: None; production indicates approximately 8 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLe LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	La Salle	31N 3E	9	NE NE NE

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)
Joe Seroka	Seroka No. 2	1917-1925	24,898
Oscar Kimes	Kimes	1927-1927	8,869
Joe Seroka	Seroka No. 2	1927-1927	452
			34,239

Last reported production: 1927

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 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
Air shaft	La Salle	31N 3E	10	SW NE SE

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 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 2584
Hill & Wahl, Star Mine

Type: Underground Total mined-out acreage shown: None

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Mine	La Salle	31N 3E	16	NE NE SW

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)
Hill & Wahl	Star	1953-1953	none reported

Last reported production:

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)

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

Mine Index 2585
Samuel Myers, Myers 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	16	NW SE NE

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)
Samuel Myers	Myers	1901-1902	<u>220</u> 220

Last reported production:

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 2587
DeMoss & Son, DeMoss Mine

Type: Underground Total mined-out acreage shown: Less than 1 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	16	NW NE NE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Herrin	20-50			3.5-4.0	MRP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Fred Scott	Scott	1910-1913	3,650
Chris Reading	Reading	1913-1915	2,928
DeMoss & Son	DeMoss	1915-1918	<u>2,549</u>
			9,127

Last reported production: 1918

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.
 Mine notes (La Salle County) - Shaft location.
 Microfilm map, document 352432, reel 03139, frame 107, map of Moran Mine (mine index 2567) - Mine outline, mining method.

Mine Index 2588**Mitchell & Brown, Mitchell & Brown 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	16	NE NW NE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Herrin	47			3.67	MRP

Geologic Problems Reported: The northwest expansion was limited by a "sand bar" that was perhaps a contemporaneous channel to coal deposition or perhaps a later channel that eroded the coal.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
L. W. Brewer	Brewer	1922-1924 *	100
Michael L. Brewer	Brewer	1924-1925	2,662
Mitchell & Beemer	Mitchell & Beemer	1925-1925	1,452
Mitchell & Brown	Mitchell & Brown	1926-1927	3,127
Mitchell & Bramer	Mitchell & Bramer	1928-1928	2,300
Mitchell & Brown	Mitchell & Brown	1929-1942	<u>16,708</u>
			26,421

* Idle 1924

Last reported production: 1942

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, 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.

Microfilm map, document 352432, reel 03139, frame 107, map of Moran Mine (mine index 2567) - Mine outline (western part), mining method.

Microfilm map, document 352429, reel 03139, frame 104 - Geologic problems.

Mine Index 2589
Solsby & Son, Solsby 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	16	NW NE

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)
Fullweiler Coal Company	Fullweiler	1928-1933 *	350
Solsby & Fullweiler	Solsby & Fullweiler	1934-1934	300
Solsby & Son	Solsby	1935-1935	<u>250</u>
			900

* Mines producing less than 1,000 tons per year were not listed in the Coal Reports from 1930 to 1933.

Last reported production: 1935

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 2590**McNeil & Fink, McNeil & Fink 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	17	SW SW 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)
McNeil & Fink	McNeil & Fink	1922-1925	11,370
			11,370

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.

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 2591**Star Coal Company, Star No. 5 Mine**

Type: Underground Total mined-out acreage shown: None; production indicates approximately 84 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	La Salle	31N 3E	17	SW NW SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Herrin	66			5.0	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Star Coal Company	Star No. 5	1904-1909	<u>376,923</u> 376,923

Last reported production: 1909

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Atlas of La Salle County	1906	1:31680	1:31680	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) - Mine identification.
Atlas of La Salle County, 1906 - Shaft location.

Mine Index 2592**Padmore, Love & Company, Padmore & Love 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	17	SE SE NE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Herrin	60			5.0	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Padmore, Love & Company	Padmore & Love	1889-1891	<u>1,440</u> 1,440

Last reported production: 1891

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) - Shaft location.

Mine Index 2660**Fetters & Ratcliffe, Fetters & Ratcliffe 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	32N 2E	16	SE SW NE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Colchester	70			3.0	

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Fetters & Ratcliffe	Fetters & Ratcliffe	1938-1939	<u>379</u> 379

Last reported production: 1939

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 type, slope location, seam, depth, thickness.

Mine Index 2661**B. & P. Coal Company, B. & P. 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	32N 2E	16	NW SW NE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Colchester	38-40			3.0	

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Thirl Costen	Costen	1935-1939	366
B. & P. Coal Company	B. & P.	1939-1939	<u>110</u> 476

Last reported production: 1939

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 type, slope location, seam, depth, thickness.

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

Mine Index 2663**Andrew Harcharick Coal Company, Harcharick 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	32N 2E	22	NE SW NE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Colchester	125			3.0	

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Andrew Harcharick Coal Company	Harcharick	1934-1941 *	873
			873

* Idle 1936-1938

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.

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, depth, thickness.

Mine Index 2664
Joseph Starkey, Starkey 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 shaft	La Salle	32N 3E	31	NW SW NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Colchester	70-75			3.0-5.0	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Love & Sons	Love	1897-1898	1,000
Wilsman Coal Company	Wilsman	1898-1902	5,740
Reed Brothers	Reed	1902-1903	not reported
Felton & Voight	Felton & Voight	1903-1904	520
William & Voight	William & Voight	1904-1906	2,556
Joseph Starkey	Starkey	1906-1910	<u>1,700</u>
			11,516

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, 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.

Mine Index 2665**Lockwood & Dietman, Lockwood & Dietman 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	32N 3E	31	NW NW NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Colchester	45			3.0	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Lockwood & Dietman	Lockwood & Dietman	1904-1905	125
			125

Last reported production: 1905

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) - Shaft location.

Mine Index 2953**Spring Lake Coal Company, Spring Lake No. 1 Mine**

Type: Underground Total mined-out acreage shown: None; production indicates approximately 16 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	La Salle	31N 3E	21	NE NE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Herrin					RP
Colchester	187-190			2.67-3.0	LW

Geologic Problems Reported: The roof was a hard, splintery shale that contained nodules of limestone that were up to 1 inch in diameter. The clay was mined from under the seam and then the coal was wedged down without the use of blasting powder.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Star Coal Company	Star No. 4	1899-1908	156,697
Abandoned		1908-1917	
Spring Lake Coal Company	Spring Lake No. 1	1917-1918	<u>4,953</u>
			161,650

Last reported production: 1918

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Mine notes (sketch)	Undated	1:62500	1:24000	Secondary source

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 type, shaft location, seam, depth, thickness, geologic problems, mine outline.

Mine Index 5457**William Thomas Coal Company, Thomas 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
Main slope	La Salle	31N 3E	9	NW NW SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Herrin	30-50			4.5-5.0	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
D. W. Thorn	Thorn	1893-1894	600
William D. Thorn	Thorn	1894-1897	1,837
D. W. Thorn	Thorn	1897-1898	850
William Thomas Coal Company	Thomas	1898-1904	10,601
			13,888

Last reported production: 1904

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 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 5496**Wilsman Coal Company, Wilsman 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	32N 3E	31	N ½ SW NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Colchester	80			3.0	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
John Roth	Roth	1915-1917	885
August Engelbrecht	Engelbrecht	1917-1918	1,100
Wilsman Coal Company	Wilsman	1918-1919	150
			<u>2,135</u>

Last reported production: 1919

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 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) - Shaft location.

OTHER MINES SHOWN ON LEONORE QUADRANGLE

Mine Index 3576 NE NW NE 16-T31N-R3E, Herrin Coal source: Atlas of La Salle County, 1876
Mine Index 5650 SW SW SW 30-T32N-R3E, Colchester Coal source: ISGS mine database
Mine Index 5655, Kangley Coal Company, No. 2 Mine SE NE NE 21-T31N-R3E, Herrin & Colchester Coals
source: work map for Circular 536
Mine Index 5653 SE SW SE 18-T31N-R3E, Herrin Coal source: ISGS mine database
Mine Index 5657 SW NW SE 9-T31N-R3E, Herrin Coal source: ISGS map library, 4103.L32 i5.1-23
Mine Index 7049 NE SE SE 9-T31N-R3E, surface, Herrin Coal source: Microfilm, document 352400, map of
Kollar Mine (mine index 2568)

MINES WHOSE LOCATIONS ARE NOT KNOWN, LEONORE 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 Leonore 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 439,254 (375,162 underground, 23,511 surface mined and 40,581 by uncertain method), which would represent approximately 85 to 150 acres, depending on the recovery factor, mining method, and numerous other factors. (Note: 1 square mile = 640 acres)

FARM RIDGE

Cunningham (John), 1882-1883, shaft, Colchester, 70, 3.0	3,000 tons	mine index 5734
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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, Danville, 30, 8.0, RP	2,500 tons	
McNeil (Jack), 1894-1896, shaft, Danville, 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, Danville	784 tons	mine index 5665

Smith Brothers, 1922-1925	1,018 tons	mine index 5666
Robertson (J.), 1882-1883, shaft, Danville, 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, Danville, —, 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, Danville, 25, 4.5-5.5, RP	6,834 tons	mine index 5670
Denning (John), 1882-1883, shaft, Danville, 45, 5.0	2,000 tons	mine index 5671
Himelrick & Stevens, 1881-1883, shaft, Danville, 40, 5.0	600 tons	mine index 5672
Burgess & Courtney, 1882-1885, shaft, Danville, 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, Danville, 30-35, 4.0, RP	8,537 tons	mine index 5678
Dawson (E. B.), 1888-1891, shaft, Danville, 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, Danville, 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, Danville, —, 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, Danville, 12, 5.0, RP	13,950 tons	mine index 5684
Fairbairn & Bliss, 1891-1892, slope, Danville, 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, Danville, 22-50, 4.83-5.0, RP	4,695 tons	mine index 5687
Hudson & Stubbs, 1894-1896, slope, Danville, 30-40, 4.5-5.0, RP	4,462 tons	mine index 5688
Penman (William), 1894-1896, shaft, Danville, 35-44, 4.0-5.0, RP	1,933 tons	mine index 5689
Alloway & Heinz, 1894-1898, drift, Danville, 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, Danville, 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, Danville, 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	
Stearn & Eccleson, 1894-1895, drift, Danville, 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, Danville, 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, Danville, 100, 5.0	24,452 tons	mine index 5697
Buchanan (J. E.), 1898-1902, slope, Danville, 40, 4.5, RP	2,934 tons	mine index 5698
Penman (John), 1899-1900, shaft, Danville, 20, 4.67, RP	2,285 tons	mine index 5699
Dawson & Gray, 1898-1899, shaft, Danville, 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, Danville, 51, 5.0, RP	3,860 tons	mine index 5705
Nelson & Stokes, 1903-1909, shaft, Danville, 14, 4.5-5.0, RP	14,454 tons	mine index 5706
Evans (Edward E.), No. 1 Mine, 1904-1907, shaft, Danville, 32, 4.0-4.5, RP	11,381 tons	mine index 5710
Evans Brothers, No. 2 Mine, 1903-1907, shaft, Danville, 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, Danville, 34, 5.0, RP	4,383 tons	mine index 5713
Lawton (Fred), 1916-1917, drift, Danville, —, 4.33, RP	156 tons	mine index 5716
Baldwin (Charles), 1916-1917, drift, Danville, —, 4.5, RP	125 tons	mine index 5717
Akers (W.), 1916-1917, drift, Danville, 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	1,652 tons 4,752 tons	
Redding & Bednor, 1927-1927	464 tons	mine index 5728
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, Danville, —, 5.0	2,500 tons	
Roberts (J. D.), 1881-1882, drift, Danville, —, 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, —, Danville, 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, Danville, 35, 5.0	4,809 tons
Dawson (E. B.), 1897-1898, drift, Danville, 45, 5.0	600 tons
Price & Jones, 1898-1900, shaft, Danville, 20, 4.67, RP	7,281 tons
Sowerby (Joseph) & Company, No. 1 Mine, 1903-1905 drift, Danville, 50, 4.0-4.5, RP	11,079 tons
Sowerby (Joseph) & Company, No. 2 Mine, 1905-1906 slope, Danville, 50, 4.0, RP	5,100 tons
Lawton (William), 1910-1912, shaft, Danville, 40-50, 3.5-5.0, RP	850 tons
Harrison (Robert), 1914-1915, drift, Colchester, 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, Danville, 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 tons</u>
	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 tons</u>
	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 tons</u>
	800 tons
Bee Coal Company, 1935-1936, surface	2,928 tons

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