

Coal Mines in Illinois Colchester Quadrangle McDonough County, Illinois

This map accompanies the Coal Mines Directory for the Colchester Quadrangle. Consult the directory for a complete explanation of the information shown on this map.

- Mining Method**
- Room & Pillar (RP)
 - Room & Pillar Basic (RPB)
 - Modified Room & Pillar (MRP)
 - Room & Pillar Panel (RPP)
 - Blind Room & Pillar (BRP)
 - Checkerboard Room & Pillar (CRP)
 - High Extraction Retreat (HER)
 - Longwall (LW)
 - Underground, Method Unknown
 - Strip Mine
 - Auger Mine
 - General Area of Mining
- Other Areas Depicted**
- Non-Coal Mines
- Source of Mine Outline**
- Final Mine Map
 - Not Final Mine Map
 - Undated Mine Map
 - Incomplete Mine Map
 - Secondary Source Map
- Tipple, Shaft, Slope, Drift Locations**
- Strip Mine Tipple - Active
 - Strip Mine Tipple - Abandoned
 - Mine Shaft - Active
 - Mine Shaft - Abandoned
 - Mine Slope - Active
 - Mine Slope - Abandoned
 - Mine Drift - Active
 - Mine Drift - Abandoned
 - Air Shaft
 - Uncertain Location
 - Uncertain Type of Opening
- Other Points Depicted**
- Non-Coal Mines
- Location**

Mine Annotation
(space permitting)
Company
Mine Name
ISGS Index No., Years of Operation

DISCLAIMER

These data were compiled and digitized from the best source maps available. Locations of some 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. Documentation of the source materials used is contained in the directory that accompanies this map. It is the user's responsibility to read this documentation and understand the limitations of the data. Though efforts have been made to compile these data accurately, the Illinois State Geological Survey does not guarantee the validity or the accuracy of these data.

The image of the U.S.G.S. Colchester Quadrangle used as a basemap was projected from the original UTM to Lambert Conformal Conic.



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September 23, 2004
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DIRECTORY OF COAL MINES IN ILLINOIS 7.5-MINUTE QUADRANGLE SERIES COLCHESTER QUADRANGLE McDONOUGH COUNTY

Alan R. Myers & C. Chenoweth



Department of Natural Resources
ILLINOIS STATE GEOLOGICAL SURVEY
2004
REVISED 2005

**DIRECTORY OF COAL MINES IN ILLINOIS
7.5-MINUTE QUADRANGLE SERIES
COLCHESTER QUADRANGLE
McDONOUGH COUNTY**

2004
REVISED 2005

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

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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) 244-2420.

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INTRODUCTION

Coal has been mined in 73 counties of Illinois. More than 4,500 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.

The directory serves as a key to the accompanying mine map and provides basic information on the coal mines. 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.

MINING IN THE COLCHESTER QUADRANGLE

The Colchester Coal was mined in this area. The seam was thin, ranging from 1.5 to 3 feet thick. The coal was shallow in many areas, cropping out in ravines and along hilly areas. As in many other areas of the state where the coal was shallow, drift openings gave easy access to the coal. It was easier to construct a new drift entrance than to clean out old mines that were idle during the warmer months. The underclay was soft and plastic, ideally suited for undercutting and then wedging out the coal. Very little powder was used in this area, since it tended to shatter the coal and roof. Otherwise, the roof was good. ISGS Bulletin 30 noted that comparatively few timbers were used, but in spite of this and the cramped quarters, very few deaths from roof falls were noted in the Coal Reports. The coal was noted as being exceptionally clean and relatively undisturbed by horsebacks, rolls and clay slips.

The earliest recorded mining began in 1853, by James Roberts, who began shipping coal to Quincy by rail in 1855. According to *The History of McDonough County*, there were 60 to 70 two-and-three-man mines, most of which were closed by 1880. In 1866 and 1867, 500,000 tons of coal were shipped from the town of Colchester. Part of the town was undermined, and it was said that one could travel underground from a point midway between Macomb and Colchester to Tennessee. Although this is an exaggeration, it does illustrate how heavily mined the area is. Very few mines maps exist for this area.

The thin seam lead to innovations not required in other parts of the state – notably, the use of dogs for haulage. Rippetoe & Rundle Mine (mine index 758) used about half of the dogs reported for the county (15 of 31). The Coal Reports indicate that dogs were used for haulage from 1902 to 1905, but since the tables and items reported changed through time, this practice may have continued longer. Another practice that was developed more fully here than in other regions was a style of mine development by the Quincy Coal Company. This company operated four to six shafts concurrently by using two shafts to mine 40 acres. Each set of two shafts was connected underground and operated from three to five years. Two shafts were constructed each year and two other shafts were abandoned.

Clay was also mined in this area. As coal production decreased, clay production increased. The clay products were bricks, drainage tiles, silo blocks and sidewalk pavers. In the Baird Brothers' clay mine a half mile northwest of Colchester, the clay was 8 feet thick, and mules could be used for haulage. Generally the upper two feet was left because there was a thin sandstone that added stability to the roof. By 1930, the tile companies were generally importing raw materials instead of mining locally.

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.

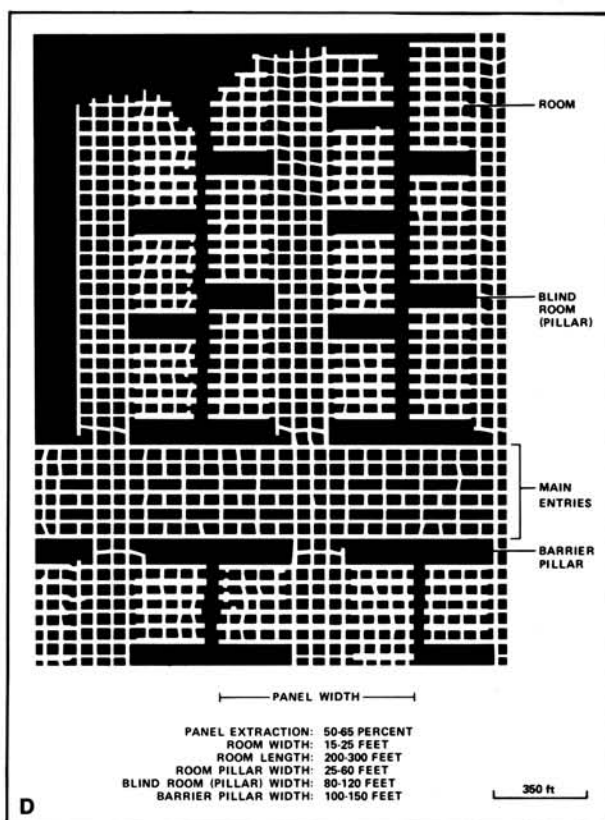
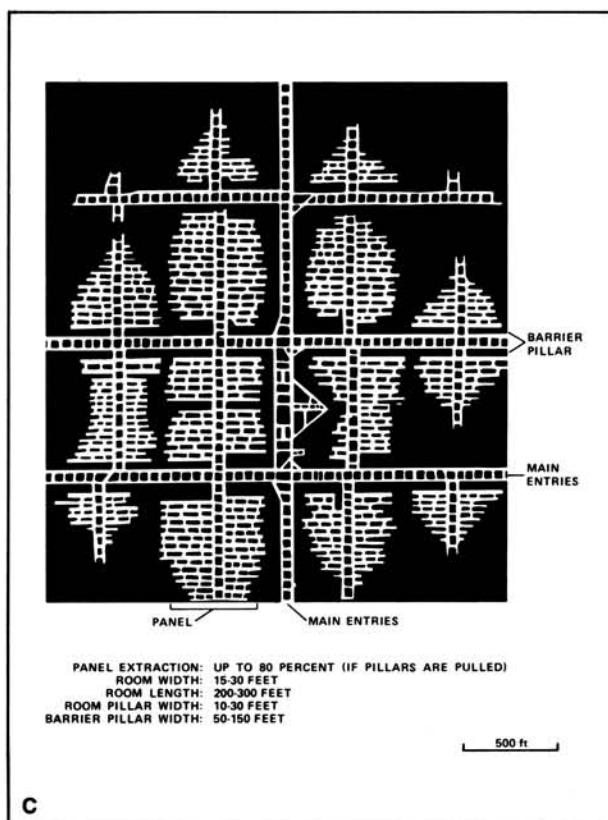
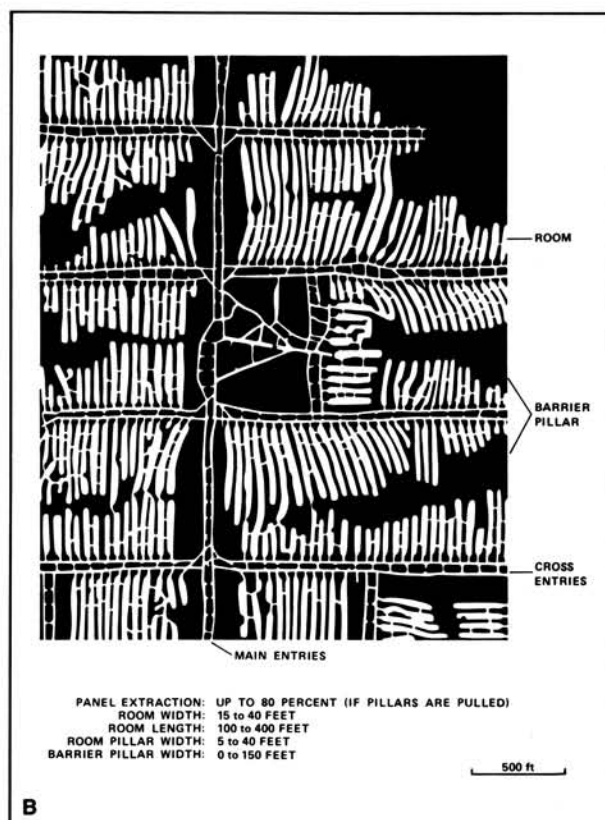
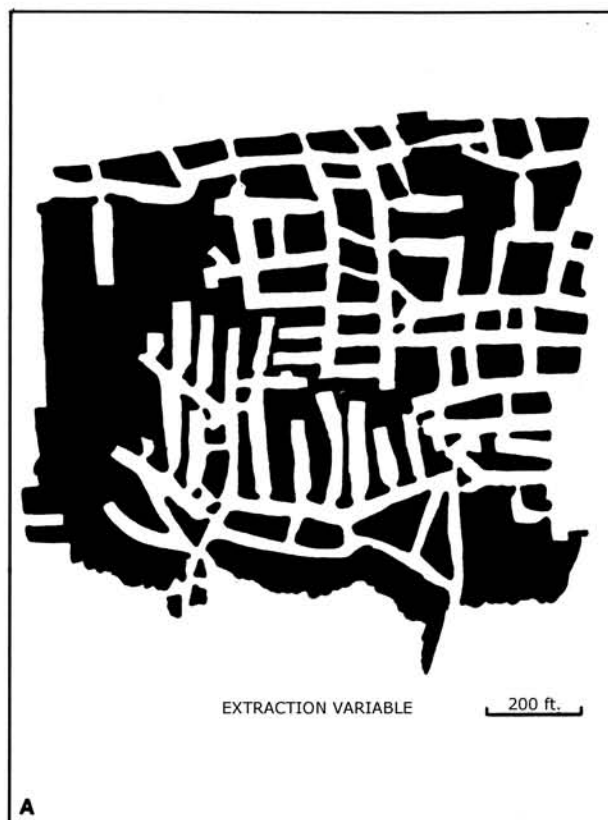


Figure 1 Mining methods: (A) room-and-pillar basic (RPB), (B) modified room and pillar (MRP), (C) room-and-pillar panel (RPP), (D) blind room and pillar (BRP).

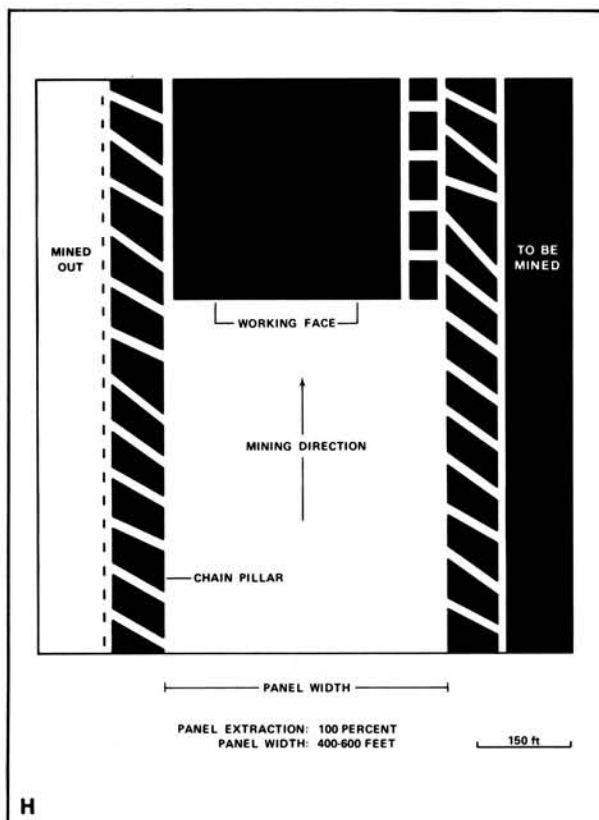
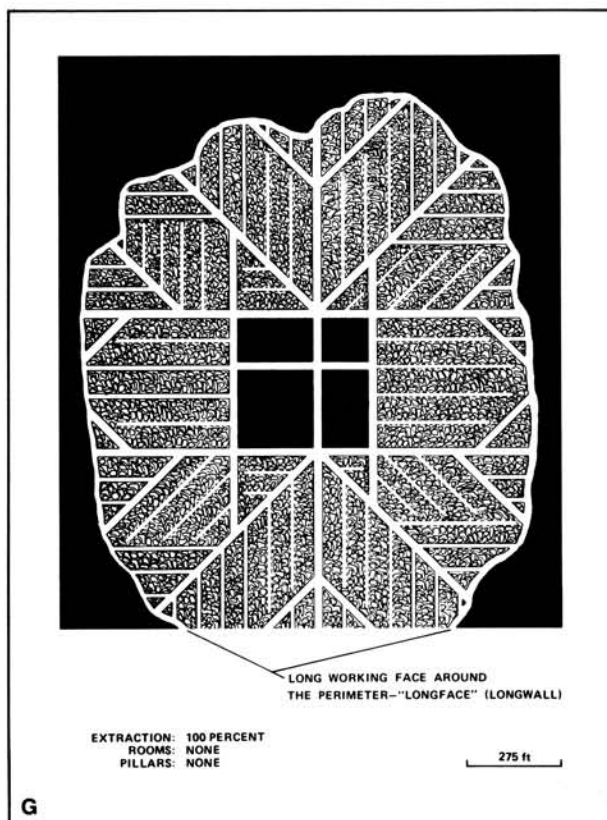
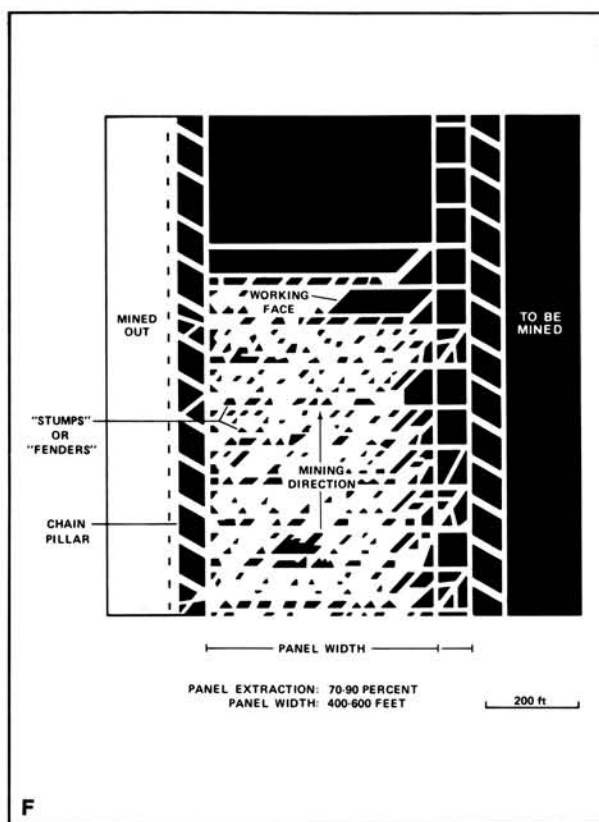
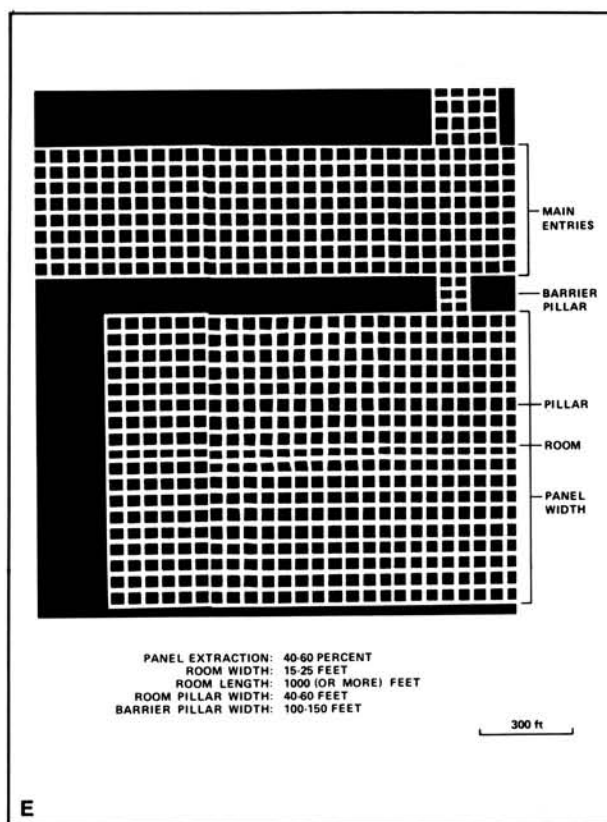


Figure 1 (cont.) Mining methods: (E) checkerboard room and pillar (CRP), (F) high extraction retreat (HER), (G) early (pre-1960) longwall, (H) post-1959 longwall

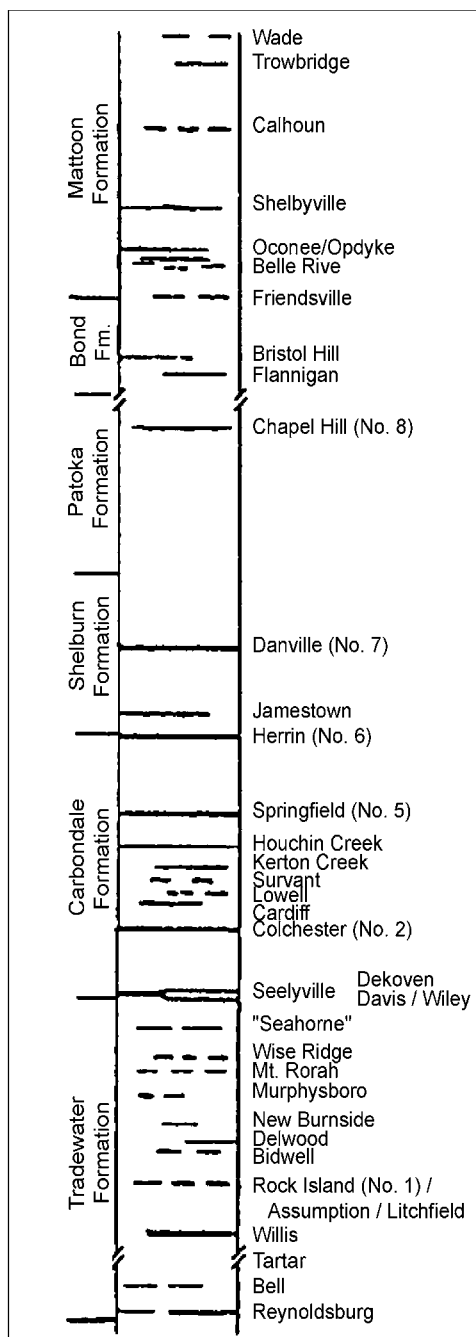


Figure 2 Generalized stratigraphic section, showing approximate vertical relations of coals in Illinois.

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 for the Illinois coal measures 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.

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.

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.

Hinds, H., 1917, Geology and Economic Resources of Colchester and Macomb Quadrangles, Illinois State Geological Survey Bulletin 30, 155p. (includes map and data from USGS Colchester-Macomb Quadrangles, Folio No. 208)

Reinertsen, David L., 1964, Strippable Coal Reserves of Illinois, Part 4 – Adams, Brown, Calhoun, Hancock, McDonough, Pike, Schuyler, and the southern parts of Henderson and Warren Counties, Illinois State Geological Survey Circular 374, 32p.

Cady, G. H., 1937, Summary List of Areas in Western, Northern, and Central Illinois Recommended for Special Investigation as Possibly Suitable for Strip-Mining, Illinois State Geological Survey Circular 19, 5p.

Chenoweth, R. and S. W. Semonis, 1968, History of McDonough County, Illinois, Volume I, sponsored by the McDonough County Genealogical Society.

PART II DIRECTORY OF MINES IN THE COLCHESTER QUADRANGLE

MINE SUMMARY SHEETS

A summary sheet on the geology and production history of each mine in the Colchester Quadrangle is provided. The summary is arranged numerically by mine index number, which is shown on the map and in the mine listing. Consult Part I for a complete explanation of the data listed in the summary sheet.

Mine Index 22

Hunter & Stewart, Hunter & Stewart Mine

Type: Underground Total mined-out acreage shown: None Production indicates approximately 38 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	McDonough	5N 4W	13	NW NW SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester	60	2.0	2.5	2.5	RP, HER *

* The mine had water after drawing pillars.

Geologic Problems Reported: The coal dipped slightly to the north. The soapstone roof was somewhat slabby and tended to come down. Up to 18 inches of surface subsidence was noted during rainy weather, when water would pond in the fields. Some of this surface water seeped into areas where the pillars had been drawn.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Hunter, Burney & Stewart	Hunter, Burney & Stewart	1901-1902	1,620
Burney Coal Company	A	1902-1911	67,108
Colchester Coal Company **	Dickey No. 2	1911-1914	12,479
Hunter & Stewart	Hunter & Stewart	1914-1915	1,912
			83,119

** Owned by Stewart, Hunter & Avril

Last reported production: 1915

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS Circular 374	1964	1:125500	1:125500	Secondary source

Annotated Bibliography (data source, brief description of information)

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

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

Mine notes (McDonough County) - Shaft location, seam, depth, thickness, mining method, geologic problems.

ISGS Circular 374, Strippable Coal Reserves of Illinois, Part 4 - Shaft location.

ISGS Bulletin 30, Colchester-Macomb Quadrangles - Mine location, ownership.

Mine Index 758

J. G. Rippetoe, Rippetoe Mine

Type: Underground Total mined-out acreage shown: 53 The outline shown is a general area of mining. Production indicates approximately 44 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	McDonough	5N 4W	13	NW NW NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester	50			2.5	RP, HER *

* The mine notes indicated pillars were being drawn in September 1908.

Geologic Problems Reported: The roof was gray shale that ranged from 3 to 25 feet thick.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Rippetoe & Rundle **	Rippetoe & Rundle No. 38	1899-1907	97,398
Rippetoe Coal Company	Rippetoe No. 38	1907-1908	3,832
J. G. Rippetoe	Rippetoe	1908-1909	5,060
			106,290

** Rippetoe & Rundle both had worked for Quincy Coal Company. John Rippetoe was the hoisting engineer and J. C. Rundle was the mine manager. They leased and operated Quincy Coal Company No. 36 and No. 37 Mines as well as this one.

Last reported production: 1909

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS Circular 19, Plate IV	1936	1:29469	1:29469	Secondary source
Federal Land Bank Report	3-1936	1:124800	1:124800	Secondary source

Annotated Bibliography (data source, brief description of information)

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

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

Mine notes (McDonough County) - Mine type, shaft location, seam, depth, thickness, mining method, geologic problems.

ISGS Circular 19, Plate IV - Shaft location.

Federal Land Bank Report (McDonough County) - Mine outline, shaft location, ownership.

Mine Index 2881**Fuller & Wagle, Fuller & Wagle Mine**

Type: Underground Total mined-out acreage shown: 11 The outline shown is a general area of mining. Production indicates less than 1 acre was mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	McDonough	5N 4W	12	NE NE NE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester					Underground

Geologic Problems Reported: The coal split in this area, into as many as four benches. In some cases, the upper bench was only 3 inches thick. Conditions changed rapidly, and in 80 to 100 feet no splits were present.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Fuller & Gibbs	Fuller & Gibbs	1936-1936	125
Fuller & Wagle	Fuller & Wagle	1937-1937	<u>160</u>
			285

Last reported production: 1937

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Federal Land Bank Report	3-1936	1:124800	1:124800	Secondary source

Annotated Bibliography (data source, brief description of information)

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

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

Mine notes (McDonough County) - Mine type, slope location, seam, geologic problems.

Federal Land Bank Report (McDonough County) - Slope location.

Mine Index 2882
Bert Creasey, Creasey 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	McDonough	5N 4W	2	SE NW NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester	20			2.0	Underground

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Bert Creasey	Creasey	1936-1937	154
			154

Last reported production: 1937

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.
 Directory of Illinois Coal Mines (McDonough County) - Mine names, mine index, ownership, years of operation.
 Mine notes (McDonough County) - Mine type, slope location, seam, depth, thickness.

Mine Index 2883
John Nelson, Nelson 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	McDonough	5N 4W	3	SE NW SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester	30			2.0	Underground

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
John S. Nelson	Nelson	1931-1935	4,896
Nelson & Swanson	Nelson & Swanson	1936-1938	1,133
John Nelson	Nelson	1939-1939	98
			6,127

Last reported production: 1939

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Federal Land Bank Report	3-1936	1:124800	1:124800	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, mine type.
 Directory of Illinois Coal Mines (McDonough County) - Mine names, mine index, ownership, years of operation.
 Mine notes (McDonough County) - Seam, depth, thickness.
 Federal Land Bank Report (McDonough County) - Slope location, mine type, ownership.

Mine Index 2884
Bert Davidson, Davidson Mine

Type: Underground Total mined-out acreage shown: 8 The outline shown is a general area of mining. Production indicates less than 1 acre was mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	McDonough	5N 4W	3	NE SE SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester				2.0	Underground

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Davison & Wagle	Davison & Wagle	1935-1935	25
Bert Davidson	Davidson	1936-1937	468 493

Last reported production: 1937

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Federal Land Bank Report	3-1936	1:124800	1:124800	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.
 Directory of Illinois Coal Mines (McDonough County) - Mine names, mine index, ownership, years of operation.
 Mine notes (McDonough County) - Mine type, slope location, seam, thickness.
 Federal Land Bank Report (McDonough County) - Slope location, mine outline, mine type, ownership.

Mine Index 2885**Booth & Bexson, Booth & Bexson Mine**

Type: Underground Total mined-out acreage shown: 10 The outline shown is a general area of mining. Production indicates less than 1 acre was mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	McDonough	5N 4W	12	SE SE SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester					Underground

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Booth & Bexson	Booth & Bexson	1934-1935	<u>600</u> 600

Last reported production: 1935

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Federal Land Bank Report	3-1936	1:124800	1:124800	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

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

Federal Land Bank Report (McDonough County) - Slope location, mine type, ownership.

Mine Index 2886**Bexson Coal Company, Bexson 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	McDonough	5N 4W	13	NW NW SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester				1.83	Underground

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Bexson & Sons	Bexson	1936-1937	240
Bexson Coal Company	Bexson	1938-1939	455 695

Last reported production: 1939

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS Circular 19, Plate IV	1936	1:29469	1:29469	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

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

Mine notes (McDonough County) - Mine type, seam, thickness.

ISGS Circular 19, Plate IV - Mine location.

Mine Index 2887
Garnett Reno, Reno 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	McDonough	5N 4W	13	NW NE NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester					Underground

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Garnett Reno	Reno	1936-1936	<u>50</u> 50

Last reported production: 1936

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS Circular 374	1964	1:125500	1:125500	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, mine type.
 Directory of Illinois Coal Mines (McDonough County) - Mine names, mine index, ownership, years of operation.
 Mine notes (McDonough County) - Mine ownership, mine location.
 ISGS Circular 374, Strippable Coal Reserves of Illinois, Part 4 - Mine location, seam.

Mine Index 2888
William Whalen, Whalen 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 slope	McDonough	5N 4W	15	SW NW NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester					Underground

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
William Whalen & Fred Flack	Whalen & Flack	1934-1936	670
William Whalen	Whalen	1937-1940	<u>1,355</u> 2,025

Last reported production: 1940

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Federal Land Bank Report	3-1936	1:124800	1:124800	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, mine type.
 Directory of Illinois Coal Mines (McDonough County) - Mine names, mine index, ownership, years of operation.
 Mine notes (McDonough County) - Mine type, slope location, seam.
 Federal Land Bank Report (McDonough County) - Slope location, ownership.

Mine Index 2889**Amos Atkinson, Atkinson Mine**

Type: Underground Total mined-out acreage shown: 5 The outline shown is a general area of mining. Production indicates less than 1 acre was mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	McDonough	6N 3W	31	SE SW NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester					Underground

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Robert B. Miller	Miller	1934-1934	144
Amos Atkinson	Atkinson	1934-1937	403
			547

Last reported production: 1937

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Federal Land Bank Report	3-1936	1:124800	1:124800	Secondary source

Annotated Bibliography (data source, brief description of information)

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

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

Mine notes (McDonough County) - Slope location, seam.

Federal Land Bank Report (McDonough County) - Slope location, mine outline, ownership.

Mine Index 2890
Nelson Coal Company, Nelson 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	McDonough	6N 4W	36	SE SE NE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester				2.17	Underground

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Nelson Brothers	Nelson	1937-1937	100
Nelson Coal Company	Nelson	1938-1942	<u>2,631</u> 2,731

Last reported production: 1942

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS mined-out area map	1959	1:62500	1:62500	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, mine type.
 Directory of Illinois Coal Mines (McDonough County) - Mine names, mine index, ownership, years of operation.
 Mine notes (McDonough County) - Seam, thickness.
 ISGS mined-out area map (1959) - Mine location.

Mine Index 2891
John C. McGrann, McGrann Mine

Type: Underground Total mined-out acreage shown: 8 The outline shown is a general area of mining. Production indicates less than 1 acre was mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	McDonough	6N 4W	36	SW NE SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester					Underground

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
John C. McGrann	McGrann	1934-1939	394
			394

Last reported production: 1939

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Federal Land Bank Report	3-1936	1:124800	1:124800	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, mine type.
 Directory of Illinois Coal Mines (McDonough County) - Mine names, mine index, ownership, years of operation.
 Mine notes (McDonough County) - Slope location, seam.
 Federal Land Bank Report (McDonough County) - Slope location, ownership.

Mine Index 6179**J. W. Harpe, Harpe Mine**

Type: Underground Total mined-out acreage shown: 9 The outline shown is a general area of mining. Production indicates less than 1 acre was mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	McDonough	5N 4W	1	SE NE SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester	60			1.58	Underground

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
William Harpe	Harpe	1936-1936	410
J. W. Harpe	Harpe	1937-1937	<u>60</u>
			470

Last reported production: 1937

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Federal Land Bank Report	3-1936	1:124800	1:124800	Secondary source

Annotated Bibliography (data source, brief description of information)

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

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

Mine notes (McDonough County) - Mine type, slope location, seam, depth, thickness.

Federal Land Bank Report (McDonough County) - Slope location.

Mine Index 6199
Ralph Greenbank, Greenbank Mine

Type: Underground Total mined-out acreage shown: 8 The outline shown is a general area of mining. Production indicates between 1 and 2 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	McDonough	5N 3W	5	SE NE NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester					RPB

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
William H. Robinson	Robinson	1925-1928	1,864
Greenbank & Robinson	Greenbank & Robinson	1929-1933	193 *
Ralph Greenbank	Greenbank	1934-1936	936
			2,993

* Production was not reported 1930-1933 for mines producing less than 1,000 tons per year.

Last reported production: 1936

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 353325 **	10-22-1929	1:360	1:360	Not final
Federal Land Bank Report	3-1936	1:124800	1:124800	Secondary source

** The microfilm map did not have any information to georegister the map.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.
 Directory of Illinois Coal Mines (McDonough County) - Mine names, mine index, ownership, years of operation.
 ENR Document 85/01 - Mining method.
 Microfilm map, document 353325, reel 03142, frame 301 - General location, mining method.
 Federal Land Bank Report (McDonough County) - Mine outline.

Mine Index 6200**William Enness, Enness Mine**

Type: Underground Total mined-out acreage shown: 11 The outline shown is a general area of mining. Production indicates approximately 4 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	McDonough	5N 3W	6	NW SE SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester					Underground

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
William Ennis	Ennis	1881-1886 *	3,280
Barney Cash	Cash	1886-1887	1,500
Ennos & Cash	Ennos & Cash	1887-1889	2,760
Barney Cash	Cash	1889-1890	760
N. B. Cash	Cash	1890-1891	200
William Enness	Enness	1891-1893	420
			8,920

* Production and years of operation before July 1881 are unknown. The 1882 Coal Report indicates 4 acres were mined.

Last reported production: 1893

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Federal Land Bank Report	3-1936	1:124800	1:124800	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

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

Federal Land Bank Report (McDonough County) - Slope location, ownership.

Mine Index 6203

Quincy Coal Company

Type: Underground Total mined-out acreage shown: None The Quincy Coal Company generally operated four to six shafts concurrently, sinking two shafts every year, and abandoning two other shafts. New shafts were sunk within 600 feet of another and connected underground to the adjacent shaft. About 20 acres would be mined for each shaft (40 acres total for the two adjacent shafts) and that location would be abandoned. There are seven shafts identified as Quincy Coal Company (mine index numbers 6203, 6204, 6209, 6213, 6230, 6237 and 6248), but none of these are identified with the mine name. The Coal Reports identified 15 shafts (Numbers 20, 21, 23, 24, 25, 26, 27, 28, 29, 31, 32, 33, 34, 35 and 36) beginning in the 1881-1882 fiscal year, but with no location information. (See the unlocated mines at the back of this report.) No maps have been found for any of the Quincy Coal Company mines. According to *The History of McDonough County*, the company began around 1855 under Thomas Rundle. The latest mining under the Quincy Coal Company name in this area was 1897. The total tonnage mined by this company after June 1881 was 837,783, which represents between 380 and 525 acres.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	McDonough	5N 3W	7	NW SE SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester *	60-100 *			2.0-2.83 *	RP *

* All the Quincy Coal Company mines worked in the Colchester Coal with room-and-pillar method. Depth and thickness values are the ranges reported for all the Quincy Coal Company mines in the Coal Reports from 1882 to 1897.

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Quincy Coal Company			

Last reported production:

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Federal Land Bank Report	3-1936	1:124800	1:124800	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 (McDonough County) - Mine names, mine index, ownership, years of operation.
 Federal Land Bank Report (McDonough County) - Shaft location, ownership.

Mine Index 6206**Colchester Coal Company, Colchester Mine**

Type: Underground Total mined-out acreage shown: None Production indicates approximately 44 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	McDonough	5N 3W	7	NE NE SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester	72-73			2.5	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Colchester Coal Company	Colchester	1884-1892	98,421
			98,421

Last reported production: 1892

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, seam, depth, thickness, mining method.
Directory of Illinois Coal Mines (McDonough County) - Mine names, mine index, ownership, years of operation.

Mine Index 6208
Stone Brothers, Stone Mine

Type: Underground Total mined-out acreage shown: 15 The outline shown is a general area of mining. Production indicates approximately 5 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main drift	McDonough	5N 3W	8	SW NW SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester	70			2.5	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Stone Brothers	Stone	1916-1926	12,269 *
			12,269

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

Last reported production: 1926

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Federal Land Bank Report	3-1936	1:124800	1:124800	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 (McDonough County) - Mine names, mine index, ownership, years of operation.
 Federal Land Bank Report (McDonough County) - Drift location, ownership.

Mine Index 6209

Quincy Coal Company

Type: Underground Total mined-out acreage shown: None The Quincy Coal Company generally operated four to six shafts concurrently, sinking two shafts every year, and abandoning two other shafts. New shafts were sunk within 600 feet of another and connected underground to the adjacent shaft. About 20 acres would be mined for each shaft (40 acres total for the two adjacent shafts) and that location would be abandoned. There are seven shafts identified as Quincy Coal Company (mine index numbers 6203, 6204, 6209, 6213, 6230, 6237 and 6248), but none of these are identified with the mine name. The Coal Reports identified 15 shafts (Numbers 20, 21, 23, 24, 25, 26, 27, 28, 29, 31, 32, 33, 34, 35 and 36) beginning in the 1881-1882 fiscal year, but with no location information. (See the unlocated mines at the back of this report.) No maps have been found for any of the Quincy Coal Company mines. According to *The History of McDonough County*, the company began around 1855 under Thomas Rundle. The latest mining under the Quincy Coal Company name in this area was 1897. The total tonnage mined by this company after June 1881 was 837,783, which represents between 380 and 525 acres.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	McDonough	5N 3W	8	SW SE NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester *	60-100 *			2.0-2.83 *	RP *

* All the Quincy Coal Company mines worked in the Colchester Coal with room-and-pillar method. Depth and thickness values are the ranges reported for all the Quincy Coal Company mines in the Coal Reports from 1882 to 1897.

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Quincy Coal Company			

Last reported production:

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Federal Land Bank Report	3-1936	1:124800	1:124800	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 (McDonough County) - Mine names, mine index, ownership, years of operation.
 Federal Land Bank Report (McDonough County) - Shaft location.

Mine Index 6210
Peter Whalen, Whalen Mine

Type: Underground Total mined-out acreage shown: 6 The outline shown is a general area of mining. Production indicates approximately 6 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	McDonough	5N 3W	8	NE NW NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester					Underground

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Peter Whalen	Whalen	1881-1898	<u>6,295</u> 6,295

Last reported production: 1898

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Federal Land Bank Report	3-1936	1:124800	1:124800	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

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

Federal Land Bank Report (McDonough County) - Slope location, ownership.

Mine Index 6211
John Wilson, Wilson Mine

Type: Underground Total mined-out acreage shown: 8 The outline shown is a general area of mining. Production indicates approximately 1 acre was mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	McDonough	5N 3W	8	NW NW NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester					Underground

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
John Wilson	Wilson	1881-1892 *	<u>2,560</u> 2,560

* Production and years of operation before July 1881 are unknown. The 1882 Coal Report indicated 3 acres had been mined. Idle 1883.

Last reported production: 1892

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Federal Land Bank Report	3-1936	1:124800	1:124800	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

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

Federal Land Bank Report (McDonough County) - Slope location, ownership.

Mine Index 6213

Quincy Coal Company

Type: Underground Total mined-out acreage shown: None The Quincy Coal Company generally operated four to six shafts concurrently, sinking two shafts every year, and abandoning two other shafts. New shafts were sunk within 600 feet of another and connected underground to the adjacent shaft. About 20 acres would be mined for each shaft (40 acres total for the two adjacent shafts) and that location would be abandoned. There are seven shafts identified as Quincy Coal Company (mine index numbers 6203, 6204, 6209, 6213, 6230, 6237 and 6248), but none of these are identified with the mine name. The Coal Reports identified 15 shafts (Numbers 20, 21, 23, 24, 25, 26, 27, 28, 29, 31, 32, 33, 34, 35 and 36) beginning in the 1881-1882 fiscal year, but with no location information. (See the unlocated mines at the back of this report.) No maps have been found for any of the Quincy Coal Company mines. According to *The History of McDonough County*, the company began around 1855 under Thomas Rundle. The latest mining under the Quincy Coal Company name in this area was 1897. The total tonnage mined by this company after June 1881 was 837,783, which represents between 380 and 525 acres.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	McDonough	5N 3W	18	NE NW SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester *	60-100 *			2.0-2.83 *	RP *

* All the Quincy Coal Company mines worked in the Colchester Coal with room-and-pillar method. Depth and thickness values are the ranges reported for all the Quincy Coal Company mines in the Coal Reports from 1882 to 1897.

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Quincy Coal Company			

Last reported production:

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Federal Land Bank Report	3-1936	1:124800	1:124800	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 (McDonough County) - Mine names, mine index, ownership, years of operation.
 Federal Land Bank Report (McDonough County) - Shaft location.

Mine Index 6214
James Roberts, Roberts 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 drift	McDonough	5N 3W	18	SW SE NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester	50			2.33-2.5	Underground

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
James Roberts	Roberts	1883-1890 *	<u>2,270</u> 2,270

* Idle 1885

Last reported production: 1890

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Federal Land Bank Report	3-1936	1:124800	1:124800	Secondary source

Annotated Bibliography (data source, brief description of information)

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

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

Federal Land Bank Report (McDonough County) - Drift location, ownership.

Mine Index 6215**Heaton & Scott, Heaton & Scott 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 drift	McDonough	5N 4W	1	NW SE SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester	45-55			2.0-2.5	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Eli Hilliard	Hilliard	1894-1913	5,310
Heaton & Scott	Heaton & Scott	1913-1914	310
			5,620

Last reported production: 1914

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS Circular 19, Plate IV	1936	1:29469	1:29469	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 (McDonough County) - Mine names, mine index, ownership, years of operation.
 ISGS Circular 19, Plate IV - Drift location.
 ISGS Bulletin 30, Colchester-Macomb Quadrangles - Drift location, ownership.

Mine Index 6216
Earl Bunt, Bunt Mine

Type: Underground Total mined-out acreage shown: 12 The outline shown is a general area of mining. Production indicates less than 1 acre was mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Mine	McDonough	5N 4W	1	NE NW SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester					Underground

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Earl Bunt	Bunt	1917-1918	<u>100</u> 100

Last reported production: 1918

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Federal Land Bank Report	3-1936	1:124800	1:124800	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

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

Federal Land Bank Report (McDonough County) - Mine location, mine outline, ownership.

Mine Index 6217**Thomas Hocker, Hocker Mine**

Type: Underground Total mined-out acreage shown: 6 The outline shown is a general area of mining.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	McDonough	5N 4W	2	SE SE SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester					RPB

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Thomas Hocker	Hocker	unknown *	unknown *

* Thomas Hocker was not listed in the Coal Reports. Production and years of operation are unknown.

Last reported production:

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 353319	10-16-1929	1:360	1:360	Final (uncertain)

Annotated Bibliography (data source, brief description of information)

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

Microfilm map, document 353319, reel 03142, frame 295 - Slope location, mine outline, mining method.

Federal Land Bank Report - Mine location, mine outline (aid in georegistration).

Mine Index 6219
Ben Mordue, Mordue Mine

Type: Underground Total mined-out acreage shown: 9 The outline shown is a general area of mining. Production indicates less than 1 acre was mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	McDonough	5N 4W	2	SE SW SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester					Underground

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
James Mordue	Mordue	1934-1935	870
Ben Mordue	Mordue	1936-1936	<u>51</u> 921

Last reported production: 1936

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Federal Land Bank Report	3-1936	1:124800	1:124800	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.
 Directory of Illinois Coal Mines (McDonough County) - Mine names, mine index, ownership, years of operation.
 Federal Land Bank Report (McDonough County) - Slope location, ownership.

Mine Index 6222
Elmer Swanson, Swanson 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	McDonough	5N 4W	2	NE SW NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester					RPB

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Elmer Swanson	Swanson	1928-1929	884 884

Last reported production: 1929

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 353320	10-14-1929	1:360	1:360	Final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.
 Directory of Illinois Coal Mines (McDonough County) - Mine names, mine index, ownership, years of operation.
 Microfilm map, document 353320, reel 03142, frame 296 - Slope location, mine outline, mining method.

Mine Index 6223
James Wayland, Wayland Mine

Type: Underground Total mined-out acreage shown: None Production indicates between 2 and 3 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	McDonough	5N 4W	2	SE NE NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester					RPB

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
James Wayland	Wayland	1922-1925	3,880
Wayland & Creasey	Wayland & Creasey	1926-1926	430
James Wayland	Wayland	1927-1929	700
			5,010

Last reported production: 1929

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 353324	10-14-1929	1:360	1:360	Final *

* The map was very poor and the Federal Land Bank Report was used to aid in locating the mine.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.
 Directory of Illinois Coal Mines (McDonough County) - Mine names, mine index, ownership, years of operation.
 Microfilm map, document 353324, reel 03142, frame 300 - Slope location, mine outline, mining method.
 Federal Land Bank Report (McDonough County) - Mine georegistration, general mine location.

Mine Index 6224
Arthur Vawter, Vawter 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 slope	McDonough	5N 4W	2	NW NE NE
Air shaft	McDonough	5N 4W	2	NW NE NE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester					RPB

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Arthur Vawter	Vawter	1923-1929 *	336 **
Arthur Vawter	Vawter	1929-1934	<u>64</u> ***
			400

* Idle 1927 & 1928

** Production not reported 1930-1933 for mines producing less than 1,000 tons per year.

*** Production after map date

Last reported production: 1934

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 353322	10-3-1929	1:360	1:360	Not final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

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

ENR Document 85/01 - Mining method.

Microfilm map, document 353322, reel 03142, frame 298 - Shaft locations, mine outline, mining method.

Mine Index 6226
John S. Nelson, Nelson 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	McDonough	5N 4W	3	NE NE SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester					Underground

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Frank Nelson	Nelson	1934-1935 *	20
Nelson & Mourning	Nelson & Mourning	1936-1936	80
John S. Nelson	Nelson	1937-1937	<u>128</u>
			228

* Idle 1935

Last reported production: 1937

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.
 Directory of Illinois Coal Mines (McDonough County) - Mine names, mine index, ownership, years of operation.
 Mine notes (McDonough County) - Mine type, slope location.

Mine Index 6228**Booth & Kipling, Booth & Kipling Mine**

Type: Underground Total mined-out acreage shown: 10 The outline shown is a general area of mining. Production indicates less than 1 acre was mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main drift	McDonough	5N 4W	3	NE SW NE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester	35			2.0	Underground

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Booth & Kipling	Booth & Kipling	1934-1934	320
Archie Booth	Booth	1935-1936	620
Booth & Kipling	Booth & Kipling	1937-1937	200
			1,140

Last reported production: 1937

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Federal Land Bank Report	3-1936	1:124800	1:124800	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

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

Mine notes (McDonough County) - Mine type, depth, thickness.

Federal Land Bank Report (McDonough County) - Drift location.

Mine Index 6229**Park & McClure, Park & McClure Mine**

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

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	McDonough	5N 4W	10	SW NE NE
Air shaft	McDonough	5N 4W	10	SW NE NE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester					RPB

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Park & McClure	Park & McClure	circa 1929 *	

* The map date is 1929. The only known Park & McClure Mine operated 1934-1935, and is in the unlocated mines at the back of this report.

Last reported production: 1935

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 353331	10-1-1929	1:360	1:360	Not final

Annotated Bibliography (data source, brief description of information)

Directory of Illinois Coal Mines (McDonough County) - Mine names, mine index, ownership, years of operation.
Microfilm map, document 353331, reel 03142, frame 307 - Slope & shaft locations, mine outline, mining method.

Mine Index 6230

Quincy Coal Company

Type: Underground Total mined-out acreage shown: None The Quincy Coal Company generally operated four to six shafts concurrently, sinking two shafts every year, and abandoning two other shafts. New shafts were sunk within 600 feet of another and connected underground to the adjacent shaft. About 20 acres would be mined for each shaft (40 acres total for the two adjacent shafts) and that location would be abandoned. There are seven shafts identified as Quincy Coal Company (mine index numbers 6203, 6204, 6209, 6213, 6230, 6237 and 6248), but none of these are identified with the mine name. The Coal Reports identified 15 shafts (Numbers 20, 21, 23, 24, 25, 26, 27, 28, 29, 31, 32, 33, 34, 35 and 36) beginning in the 1881-1882 fiscal year, but with no location information. (See the unlocated mines at the back of this report.) No maps have been found for any of the Quincy Coal Company mines. According to *The History of McDonough County*, the company began around 1855 under Thomas Rundle. The latest mining under the Quincy Coal Company name in this area was 1897. The total tonnage mined by this company after June 1881 was 837,783, which represents between 380 and 525 acres.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	McDonough	5N 4W	11	SW SE SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester *	60-100 *			2.0-2.83 *	RP *

* All the Quincy Coal Company mines worked in the Colchester Coal with room-and-pillar method. Depth and thickness values are the ranges reported for all the Quincy Coal Company mines in the Coal Reports from 1882 to 1897.

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Quincy Coal Company			

Last reported production:

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Federal Land Bank Report	3-1936	1:124800	1:124800	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 (McDonough County) - Mine names, mine index, ownership, years of operation.
 Federal Land Bank Report (McDonough County) - Shaft location.

Mine Index 6231
Wayland Brothers, Wayland 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	McDonough	5N 4W	12	SW SW SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester	40-60			2.33-2.67	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
James Wayland	Wayland	1909-1910	80
Wayland Brothers	Wayland	1910-1916 *	<u>2,320</u> 2,400

Last reported production: 1916

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Federal Land Bank Report	3-1936	1:124800	1:124800	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, seam, depth, thickness, mining method.
 Directory of Illinois Coal Mines (McDonough County) - Mine names, mine index, ownership, years of operation.
 Federal Land Bank Report (McDonough County) - Shaft location.
 IGS Bulletin 30, Colchester-Macomb Quadrangles - Mine ownership.

Mine Index 6234**Gates Fire Clay Company, Gates 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	McDonough	5N 4W	13	SE NE SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester					Underground

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
McDonough County Coal Company	McDonough	1920-1923	2,257 *
Seeder Valley Coal Company **	Seeder Valley	1923-1924	400
Gates Fire Clay Company	Gates	1924-1929	<u>7,252</u>
			9,909

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

** The name may be Cedar Valley Coal Company.

Last reported production: 1929

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Federal Land Bank Report	3-1936	1:124800	1:124800	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

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

Federal Land Bank Report (McDonough County) - Shaft location, ownership.

Mine Index 6237

Quincy Coal Company

Type: Underground Total mined-out acreage shown: None The Quincy Coal Company generally operated four to six shafts concurrently, sinking two shafts every year, and abandoning two other shafts. New shafts were sunk within 600 feet of another and connected underground to the adjacent shaft. About 20 acres would be mined for each shaft (40 acres total for the two adjacent shafts) and that location would be abandoned. There are seven shafts identified as Quincy Coal Company (mine index numbers 6203, 6204, 6209, 6213, 6230, 6237 and 6248), but none of these are identified with the mine name. The Coal Reports identified 15 shafts (Numbers 20, 21, 23, 24, 25, 26, 27, 28, 29, 31, 32, 33, 34, 35 and 36) beginning in the 1881-1882 fiscal year, but with no location information. (See the unlocated mines at the back of this report.) No maps have been found for any of the Quincy Coal Company mines. According to *The History of McDonough County*, the company began around 1855 under Thomas Rundle. The latest mining under the Quincy Coal Company name in this area was 1897. The total tonnage mined by this company after June 1881 was 837,783, which represents between 380 and 525 acres.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	McDonough	5N 4W	13	SW NE NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester *	60-100 *			2.0-2.83 *	RP *

* All the Quincy Coal Company mines worked in the Colchester Coal with room-and-pillar method. Depth and thickness values are the ranges reported for all the Quincy Coal Company mines in the Coal Reports from 1882 to 1897.

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Quincy Coal Company			

Last reported production:

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Federal Land Bank Report	3-1936	1:124800	1:124800	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.
 Directory of Illinois Coal Mines (McDonough County) - Mine names, mine index, ownership, years of operation.
 Federal Land Bank Report (McDonough County) - Shaft location.

Mine Index 6240**A. Newland, Newland 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	McDonough	5N 4W	14	SW NE SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester	40-43			2.0-2.17	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Tennessee Coal & Fire Clay Company	Tennessee	1883-1884	1,800
Tennessee Coal & Tile Company	Tennessee	1884-1885	2,000
Tennessee Coal & Fire Clay Works	Tennessee	1885-1886	2,000
Abraham Newland	Newland	1886-1888	1,680
			7,480

Last reported production: 1888

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS Circular 19, Plate IV	1936	1:29469	1:29469	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 (McDonough County) - Mine names, mine index, ownership, years of operation.
 ISGS Circular 19, Plate IV - Shaft location.
 Colchester Quadrangle, USGS orthophoto montage - Mine dump (verifies shaft location).
 ISGS Bulletin 30, Colchester-Macomb Quadrangles - Ownership.

Mine Index 6243**Colchester Coal Company, Colchester Mine**

Type: Underground Total mined-out acreage shown: None Production indicates approximately 28 acres were mined in addition to the 25 acres that were mined before 1882.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	McDonough	5N 4W	14	SW SE NE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester	80-85			2.5	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Colchester Coal Company *	Colchester	1881-1884	57,682 **
			57,682

* President, A. Newland

** Production and years of operation before July 1881 are unknown. The 1882 Coal Report indicated 25 acres were mined out.

Last reported production: 1884

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS Circular 19, Plate IV	1936	1:29469	1:29469	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 (McDonough County) - Mine names, mine index, ownership, years of operation.
 ISGS Circular 19, Plate IV - Shaft location.
 Federal Land Bank Report (McDonough County) - Ownership.

Mine Index 6248

Quincy Coal Company

Type: Underground Total mined-out acreage shown: None The Quincy Coal Company generally operated four to six shafts concurrently, sinking two shafts every year, and abandoning two other shafts. New shafts were sunk within 600 feet of another and connected underground to the adjacent shaft. About 20 acres would be mined for each shaft (40 acres total for the two adjacent shafts) and that location would be abandoned. There are seven shafts identified as Quincy Coal Company (mine index numbers 6203, 6204, 6209, 6213, 6230, 6237 and 6248), but none of these are identified with the mine name. The Coal Reports identified 15 shafts (Numbers 20, 21, 23, 24, 25, 26, 27, 28, 29, 31, 32, 33, 34, 35 and 36) beginning in the 1881-1882 fiscal year, but with no location information. (See the unlocated mines at the back of this report.) No maps have been found for any of the Quincy Coal Company mines. According to *The History of McDonough County*, the company began around 1855 under Thomas Rundle. The latest mining under the Quincy Coal Company name in this area was 1897. The total tonnage mined by this company after June 1881 was 837,783, which represents between 380 and 525 acres.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	McDonough	5N 4W	14	NW NE NE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester *	60-100 *			2.0-2.83 *	RP *

* All the Quincy Coal Company mines worked in the Colchester Coal with room-and-pillar method. Depth and thickness values are the ranges reported for all the Quincy Coal Company mines in the Coal Reports from 1882 to 1897.

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Quincy Coal Company			

Last reported production:

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Federal Land Bank Report	3-1936	1:124800	1:124800	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.
 Directory of Illinois Coal Mines (McDonough County) - Mine names, mine index, ownership, years of operation.
 Federal Land Bank Report (McDonough County) - Shaft location.

Mine Index 6255**Amos Atkinson, Atkinson Mine**

Type: Underground Total mined-out acreage shown: 10 The outline shown is a general area of mining. Production indicates less than 1 acre was mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	McDonough	6N 3W	31	NE SE SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester					RPB

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Amos Atkinson	Atkinson	1925-1929	403
			403

* Production was not reported 1930-1933 for mines producing less than 1,000 tons per year. This mine may have been active past the reported date and production.

Last reported production: 1929

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 353328	10-16-1929	1:360	1:360	Not final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

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

ENR Document 85/01 - Mining method.

Microfilm map, document 353328, reel 03142, frame 304 - Shaft location, mine outline, mining method.

Mine Index 6256
Thomas Atkinson, Atkinson Mine

Type: Surface Total mined-out acreage shown: 12 The outline shown is a general area of mining.
 Production indicates less than 1 acre was mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Mine	McDonough	6N 3W	31	NW SW NE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester					Surface

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Thomas Atkinson	Atkinson	1934-1936	<u>294</u> 294

Last reported production: 1936

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Federal Land Bank Report	3-1936	1:124800	1:124800	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, seam, depth, thickness, mining method.
 Directory of Illinois Coal Mines (McDonough County) - Mine names, mine index, ownership, years of operation.
 Mine notes (McDonough County) - Mine type, mine location, seam.
 Federal Land Bank Report (McDonough County) - Mine location, ownership, mining method.

Mine Index 6258
William Robinson, Robinson Mine

Type: Underground Total mined-out acreage shown: 12 The outline shown is a general area of mining. Production indicates approximately 9 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLe LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Drift	McDonough	6N 3W	32	NE SW SE
Shaft	McDonough	6N 3W	32	SW NW SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester	25-60			2.17-2.83	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
William H. Robinson	Robinson	1873-1914 *	21,069 21,069

* Production before June 1881 is unknown. This mine was shown on the 1873 Atlas of McDonough County.

Last reported production: 1914

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Federal Land Bank Report	3-1936	1:124800	1:124800	Secondary source
Atlas of McDonough County, Illinois	1873	1:48000	1:48000	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, seam, depth, thickness, mining method.
 Directory of Illinois Coal Mines (McDonough County) - Mine names, mine index, ownership, years of operation.
 Mine notes (McDonough County) - Mine type, mine location, seam.
 Federal Land Bank Report (McDonough County) - Shaft location, ownership, mining method.
 Atlas of McDonough County, Illinois - Drift location, years of operation.

Mine Index 6260**J. W. Harpe & Company, Harpe Mine**

Type: Underground Total mined-out acreage shown: 10 The outline shown is a general area of mining. Production indicates less than 1 acre was mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	McDonough	6N 4W	36	NE SW SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester					RPB

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
William Haines	Haines	1923-1925	443
Hocker & Haines	Hocker & Haines	1926-1926	468
Haines & Kilgore	Haines & Kilgore	1927-1927	80
Harpe, Kilgore & Company	Harpe & Kilgore	1928-1928	150
J. W. Harpe & Company	Harpe	1929-1929	68
			<u>1,209</u>

Last reported production: 1929

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 353317	10-16-1929	1:360	1:360	Final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

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

Microfilm map, document 353317, reel 03142, frame 293 - Slope location, mine outline, mining method.

Mine Index 6261**Kilgore & Company, Kilgore Mine**

Type: Underground Total mined-out acreage shown: 5 The outline shown is a general area of mining. Production indicates less than 1 acre was mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	McDonough	6N 4W	36	SE NW SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester					Underground

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Kilgore & Company	Kilgore	1934-1935	<u>60</u> 60

Last reported production: 1935

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Federal Land Bank Report	3-1936	1:124800	1:124800	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

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

Federal Land Bank Report (McDonough County) - Slope location, ownership.

Mine Index 6262
Bert Creasy, Creasy Mine

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

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	McDonough	6N 4W	36	NW NW SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester					RPB

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Bert Creasy *	Creasy	1928-1929	<u>187</u> 187

* The name is spelled Creasy and Creasey in the Coal Reports, and Creacy on the maps. The spelling used in this directory is the one used the most for each particular listing.

Last reported production: 1929

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 353318	10-16-1929	1:360	1:360	Final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

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

Microfilm map, document 353318, reel 03142, frame 294 - Slope location, mine outline, mining method.

Mine Index 6263
Baird Coal Company, Baird Mine

Type: Surface Total mined-out acreage shown: 11 Production indicates approximately 2 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Mine	McDonough	6N 4W	36	NE NE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester					Surface

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Baird Coal Company	Baird	1931-1935	<u>7,110</u> 7,110

Last reported production: 1935

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Federal Land Bank Report	3-1936	1:124800	1:124800	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

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

Federal Land Bank Report (McDonough County) - Mine location, mine outline, mining method, ownership.

Mine Index 6386**Baird & Reynolds, Baird & Reynolds Mine**

Type: Underground Total mined-out acreage shown: 10 The outline shown is a general area of mining. Production indicates approximately 5 acres were mined after the map date and that a total of 9 acres were mined

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	McDonough	5N 4W	12	NW NW SE
Air shaft	McDonough	5N 4W	12	NW NW SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester					LW

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Baird & Reynolds	Baird & Reynolds	1924-1929	9,839
Baird & Reynolds	Baird & Reynolds	1929-1933	<u>10,279</u> *
			20,118

* Production after map date

Last reported production: 1933

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 353333	10-1929	1:480	1:480	Not final
Federal Land Bank Report	3-1936	1:124800	1:124800	Secondary source**

** The microfilm source map did not have georegistration data and the outline was taken from the Federal Land Bank Report.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

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

ENR Document 85/01 - Mining method.

Microfilm, document 353333, reel 03142, frame 309 - Mine type, mining method.

Federal Land Bank Report (McDonough County) - Mine location, mine outline.

Mine Index 6524
Swanson & Sons, Swanson Mine

Type: Underground Total mined-out acreage shown: 9 The outline shown is a general area of mining. Production indicates approximately 2 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Mine	McDonough	5N 4W	1	NW SE SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester	6			1.83	Underground

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Swanson & Sons	Swanson	1936-1939	<u>3,608</u> 3,608

Last reported production: 1939

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Federal Land Bank Report	3-1936	1:124800	1:124800	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.
 Directory of Illinois Coal Mines (McDonough County) - Mine names, mine index, ownership, years of operation.
 Mine notes (McDonough County) - Seam, depth, thickness.
 Federal Land Bank Report (McDonough County) - Mine location, ownership.

Mine Index 6527
Frank Fox, Fox 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 drift	McDonough	5N 4W	2	SE NE NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester	70			1.83	Underground

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Frank Fox	Fox	1928-1942 *	<u>3,595</u> 3,595

* Idle 1940

Last reported production: 1942

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Federal Land Bank Report	3-1936	1:124800	1:124800	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

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

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

Federal Land Bank Report (McDonough County) - Drift location, mine outline, mining method, ownership.

Mine Index 6533**D. A. Rickard, Rickard Mine**

Type: Underground Total mined-out acreage shown: 7 The outline shown is a general area of mining. Production indicates less than 1 acre was mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	McDonough	5N 4W	2	NW cor NE SW NE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester	60				Underground

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
D. A. Rickard	Rickard	1935-1937	<u>538</u> 538

Last reported production: 1937

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Federal Land Bank Report	3-1936	1:124800	1:124800	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

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

Mine notes (McDonough County) - Mine type, slope location, seam, depth.

Federal Land Bank Report (McDonough County) - Slope location, ownership.

Mine Index 6912
Thomas Porter, Porter Mine

Type: Underground Total mined-out acreage shown: 7 The outline shown is a general area of mining. Production indicates less than 1 acre was mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Mine	McDonough	5N 4W	3	SW NE SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester					Underground

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Thomas Porter	Porter	1935-1936	302 302

Last reported production: 1936

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Federal Land Bank Report	3-1936	1:124800	1:124800	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, mine type.
 Directory of Illinois Coal Mines (McDonough County) - Mine names, mine index, ownership, years of operation.
 Federal Land Bank Report (McDonough County) - Mine location, ownership.

Mine Index 6914
Lee McClure, McClure 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 drift	McDonough	5N 4W	3	SE NE SE *

* The Federal Land Bank Report indicates Lee McClure mined in SE NE 3-T5N-R4W (see mine index 6227 at the back of this report). Only one Lee McClure mine was listed in the Coal Reports. See the unlocated mines at the back of this report for other McClure mines.

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)		Mining Method
		Min	Max	
Colchester	30-50		2.33-2.5	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Lee McClure	McClure	1904-1910	<u>1,644</u> 1,644

Last reported production: 1910

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS Bulletin 30	1917	1:48000	1:48000	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 (McDonough County) - Mine names, mine index, ownership, years of operation.
 ISGS Bulletin 30, Colchester-Macomb Quadrangles - Mine location, ownership.

Mine Index 6945**Colchester Coal & Mining Company, A Mine**

Type: Underground Total mined-out acreage shown: 7 Production indicates approximately 27 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	McDonough	5N 3W	7	NE SE SE *

* This location is shown on source maps but was not identified. Colchester Coal Company opened a mine 1893 that was 450 yards east of the mine closed in 1892 (mine index 6206, in the same section), which is in this vicinity.

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester	53-60			2.75-2.83	RP, some HER **

** A miner died in 1898 as the result of a roof fall while he was pulling pillars.

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Colchester Coal & Mining Company	A	1893-1899	<u>67,451</u> 67,451

Last reported production: 1899

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Federal Land Bank Report	3-1936	1:124800	1:124800	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 (McDonough County) - Mine names, mine index, ownership, years of operation.
 Federal Land Bank Report (McDonough County) - Mine location.

Mine Index 6965
Charles Atkinson, Atkinson 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 drift	McDonough	6N 3W	32	NE NE SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester	30-71			2.0-2.5	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Charles Atkinson	Atkinson	1909-1911 *	<u>3,440</u> 3,440

* A mine was also shown in this location in the 1873 Atlas Map of McDonough County. The landowner at time was also C. W. Atkinson. Production for the earlier mining is unknown.

Last reported production: 1911

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS Bulletin 30	1917	1:48000	1:48000	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 (McDonough County) - Mine names, mine index, ownership, years of operation.
 ISGS Bulletin 30, Colchester-Macomb Quadrangles - Drift location.
 Atlas Map of McDonough County, Illinois, surveyed, compiled, drawn and published by Andreas, Lyter & Co.,
 Davenport, Iowa - Mine location, years of operation.

Mine Index 6970
Harry Bunt, Bunt 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	McDonough	5N 4W	1	NW SW SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester	25			2.0	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Harry Bunt	Bunt	1913-1914	<u>240</u> 240

Last reported production: 1914

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS Bulletin 30	1917	1:48000	1:48000	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 (McDonough County) - Mine names, mine index, ownership, years of operation.
 ISGS Bulletin 30, Colchester-Macomb Quadrangles - Slope location, ownership.

Mine Index 6973
John Wilson, Wilson Mine

Type: Underground Total mined-out acreage shown: None Production indicates approximately 20 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	McDonough	5N 3W	5	SW SW SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester	35-80			2.0-2.5	RP

Geologic Problems Reported: A clay slip caused a roof fall that resulted in a fatality in 1906.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
John Wilson	Wilson	1897-1917	<u>41,800</u> 41,800

Last reported production: 1917

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS Bulletin 30	1917	1:48000	1:48000	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 (McDonough County) - Mine names, mine index, ownership, years of operation.
 ISGS Bulletin 30, Colchester-Macomb Quadrangles - Shaft location.

Mine Index 6976
Marion McClure, McClure 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 drift	McDonough	5N 4W	3	NE SE SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester	30-71			2.0-2.5	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Marion McClure	McClure	1898-1920 *	10,703 10,703

* Idle 1903

Last reported production: 1920

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS Bulletin 30	1917	1:48000	1:48000	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 (McDonough County) - Mine names, mine index, ownership, years of operation.
 ISGS Bulletin 30, Colchester-Macomb Quadrangles - Drift location, ownership.

Mine Index 6977
D. E. Perry, Perry 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	McDonough	5N 4W	11	SE SE SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester	10-40			2.33-2.5	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
D. E. Perry	Perry	1902-1907 *	362
			362

* Idle 1906

Last reported production: 1907

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS Bulletin 30	1917	1:48000	1:48000	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 (McDonough County) - Mine names, mine index, ownership, years of operation.
 ISGS Bulletin 30, Colchester-Macomb Quadrangles - Drift location, ownership.

Mine Index 6978
George Polonus, Polonus 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	McDonough	5N 4W	11	SE SE SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester	40			2.5	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
George Polonus	Polonus	1915-1920	<u>106</u> 106

Last reported production: 1920

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS Bulletin 30	1917	1:48000	1:48000	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 (McDonough County) - Mine names, mine index, ownership, years of operation.
 ISGS Bulletin 30, Colchester-Macomb Quadrangles - Drift location, ownership.

Mine Index 6979**Harpe & Wilson, Harpe & Wilson 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 drift	McDonough	5N 4W	2	SE NE NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester	35-60			2.0-2.5	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Andrew Nelson	Nelson	1902-1903	360
J. W. Harpe	Harpe	1903-1904	186
Nelson & Harpe	Nelson & Harpe	1904-1905	172
Harpe & Swanson	Harpe & Swanson	1905-1906	375
Joseph W. Harpe	Harpe	1906-1907	437
Harpe & Kilgore	Harpe & Kilgore	1907-1910	1,269
Harpe & Fenten	Harpe & Fenten	1910-1917	3,082
J. W. Harpe	Harpe	1917-1918	352
Harpe & Wilson	Harpe & Wilson	1918-1921	386
			6,619

Last reported production: 1921

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS Bulletin 30	1917	1:48000	1:48000	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 (McDonough County) - Mine names, mine index, ownership, years of operation.
 ISGS Bulletin 30, Colchester-Macomb Quadrangles - Drift location, ownership.

Mine Index 6980
William Martin, Martin 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	McDonough	6N 4W	36	NE NW SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester	40			2.33	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
William Martin	Martin	1897-1902	<u>1,085</u> 1,085

Last reported production: 1902

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS Bulletin 30	1917	1:48000	1:48000	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 (McDonough County) - Mine names, mine index, ownership, years of operation.
 ISGS Bulletin 30, Colchester-Macomb Quadrangles - Drift location, ownership.

Mine Index 6984**Fox Brothers, Fox 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	McDonough	5N 4W	11	SE SE SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester	35-75			2.5-2.67	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Fox Brothers	Fox	1911-1921	<u>2,563</u> 2,563

Last reported production: 1921

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS Bulletin 30	1917	1:48000	1:48000	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 (McDonough County) - Mine names, mine index, ownership, years of operation.
ISGS Bulletin 30, Colchester-Macomb Quadrangles - Drift location, ownership.

Mine Index 6996
Frank Murray, Murray Mine

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

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main drift	McDonough	5N 4W	1	SE NE SW
Air shaft	McDonough	5N 4W	1	SE NE SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester	30-50			1.67-2.5	MRP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
B. F. Murray	Murray	1906-1909	640
Murray & Martin	Murray & Martin	1909-1911 *	200
Frank Murray	Murray	1911-1924	2,128 **
B. F. Murray	Murray	1924-1925	135
Frank Murray	Murray	1926-1934	310 ***
Frank Murray	Murray	1929-1934	20 †
			3,433

* Idle 1911

** Idle 1914; production not reported in 1922 for mines producing less than 10,000 tons

*** Idle 1927, 1928; production not reported 1930-1933 for mines producing less than 1,000 tons per year

† Production after map date

Last reported production: 1934

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 353323	12-17-1929	1:360	1:360	Not final

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 (McDonough County) - Mine names, mine index, ownership, years of operation.

Microfilm, document 353323, reel 03142, frame 299 - Drift location, mine ownership, mining method.

Mine Index 7008
Ralph Burney, Burney 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 drift	McDonough	5N 4W	13	NW NE NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Colchester	40-52			2.33-2.67	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Fox Brothers	Fox	1905-1910	3,061
Burney & Fox	Burney & Fox	1910-1912	280
Ralph Burney	Burney	1912-1913	266
			<u>3,607</u>

Last reported production: 1913

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS Bulletin 30	1917	1:48000	1:48000	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 (McDonough County) - Mine names, mine index, ownership, years of operation.
 ISGS Bulletin 30, Colchester-Macomb Quadrangles - Drift location, ownership.

OTHER MINES SHOWN ON COLCHESTER QUADRANGLE

Mine Index 6201, Quincy Coal Company SW SE SE 7-T5N-R3W, shaft source: Federal Land Bank Report
Mine Index 6202, Quincy Coal Company SE SW SE 7-T5N-R3W, shaft source: Federal Land Bank Report
Mine Index 6204, Quincy Coal Company SW NE SE 7-T5N-R3W, shaft source: ISGS mine database
Mine Index 6205 NE NE SW 7-T5N-R3W source: Federal Land Bank Report
Mine Index 6207 SW NW SW 8-T5N-R3W source: ISGS mine database
Mine Index 6212, Quincy Coal Company NE NE SW 18-T5N-R3W source: Federal Land Bank Report
Mine Index 6218, J. Wayland NW SE SE 2-T5N-R4W source: Federal Land Bank Report
Mine Index 6220 NE SE SE 2-T5N-R4W, slope source: Federal Land Bank Report
Mine Index 6221, Hocker Brothers NW SE SW 2-T5N-R4W, slope source: Federal Land Bank Report
Mine Index 6225, J. McClure NE SW SE 3-T5N-R4W, slope source: Federal Land Bank Report
Mine Index 6227, Lee McClure NE SE NE 3-T5N-R4W, slope source: Federal Land Bank Report
Mine Index 6232 NE SW SW 12-T5N-R4W source: ISGS Circular 19, Plate IV
Mine Index 6233 SW NW SE 13-T5N-R4W source: ISGS Circular 19, Plate IV
Mine Index 6235, Edgerton Coal Company SW SW NE 13-T5N-R4W, shaft source: Federal Land Bank Report
Mine Index 6236 SE SW NW 13-T5N-R4W source: ISGS Circular 19, Plate IV
Mine Index 6238, Edgerton Coal Company SW NW NW 13-T5N-R4W, shaft source: Federal Land Bank Report
Mine Index 6239 NW NW NW 13-T5N-R4W source: Federal Land Bank Report
Mine Index 6241 NW NW SE 14-T5N-R4W source: ISGS Circular 19, Plate IV
Mine Index 6242 NE NE SW 14-T5N-R4W source: ISGS Circular 19, Plate IV
Mine Index 6244 SE SW NE 14-T5N-R4W source: Federal Land Bank Report
Mine Index 6245 SW SW NE 14-T5N-R4W source: ISGS Circular 374
Mine Index 6246 NW SE NE 14-T5N-R4W, shaft (may be Quincy Coal Co.) source: Federal Land Bank Report
Mine Index 6247 SW NE NE 14-T5N-R4W, shaft source: Federal Land Bank Report
Mine Index 6249 NE NE SE 15-T5N-R4W source: ISGS Circular 19, Plate IV
Mine Index 6250, Tiernon Surface Mine SE SE NE 15-T5N-R4W source: Federal Land Bank Report
Mine Index 6251 NE NW SE 15-T5N-R4W source: ISGS Circular 374
Mine Index 6252 SW SW NE 15-T5N-R4W source: Federal Land Bank Report
Mine Index 6257 NW SE SE 32-T6N-R3W source: Federal Land Bank Report & ISGS Circular 374
Mine Index 6904, H. Creasy SW NW SE 36-T6N-R4W source: Federal Land Bank Report
Mine Index 6913 NE NE SE 3-T5N-R4W source: ISGS Circular 374
Mine Index 6915 SW NW SW 2-T5N-R4W source: ISGS Circular 374
Mine Index 6916 NE NE SE 2-T5N-R4W source: ISGS Circular 374
Mine Index 6917 SE SE NW 2-T5N-R4W source: ISGS Circular 374
Mine Index 6918 NE NE NW 2-T5N-R4W source: ISGS Circular 374
Mine Index 6919 NE SW SE 1-T5N-R4W source: Federal Land Bank Report
Mine Index 6920 NE SE SW 1-T5N-R4W source: ISGS Circular 374 & Federal Land Bank Report
Mine Index 6921 NW SW SW 1-T5N-R4W source: ISGS Circular 374 & Federal Land Bank Report
Mine Index 6922 SW SW NE 1-T5N-R4W source: ISGS Circular 374
Mine Index 6923 NW NE SW 1-T5N-R4W source: ISGS Circular 374
Mine Index 6924, Harpe Mine NW NW SE 1-T5N-R4W source: ISGS Circular 374 & Coal Section files (1-2-12c)
Mine Index 6925 SW SE SE 11-T5N-R4W source: ISGS Circular 374
Mine Index 6926 NW SE SW 12-T5N-R4W source: ISGS Circular 19, Plate IV & Coal Section files (1-2-12c)
Mine Index 6927 SW NE SE 12-T5N-R4W source: ISGS Circular 19, Plate IV
Mine Index 6928 SE NW NW 12-T5N-R4W source: Federal Land Bank Report
Mine Index 6929 SE SW NW 12-T5N-R4W source: Federal Land Bank Report
Mine Index 6930 NW NW SW 12-T5N-R4W source: Federal Land Bank Report
Mine Index 6931 NE NE SE 12-T5N-R4W source: ISGS Circular 374 & Federal Land Bank Report
Mine Index 6932 NE NW NW 13-T5N-R4W source: ISGS Circular 374
Mine Index 6933 NE NW SE 13-T5N-R4W source: ISGS Circular 374
Mine Index 6934, Edgerton Mine SE SW NE 13-T5N-R4W source: Federal Land Bank Report
Mine Index 6935 SW NE NW 13-T5N-R4W source: ISGS Circular 374 & Federal Land Bank Report
Mine Index 6936, Rayson & Son SE SE NW 13-T5N-R4W source: ISGS Circular 19, Plate IV
Mine Index 6937 NW NE NE 7-T5N-R3W source: ISGS Circular 374
Mine Index 6938 SW SW NW 7-T5N-R3W source: ISGS Circular 374 & Federal Land Bank Report
Mine Index 6939 NE SE NE 7-T5N-R3W source: ISGS Circular 374
Mine Index 6940 NW SE NE 7-T5N-R3W source: Federal Land Bank Report
Mine Index 6941, Quincy Coal Company NW NW SE 7-T5N-R3W source: Federal Land Bank Report
Mine Index 6942 NE NW SE 7-T5N-R3W source: Federal Land Bank Report
Mine Index 6943 NW NE SE 7-T5N-R3W source: ISGS Circular 374
Mine Index 6944 NW SW SE 7-T5N-R3W source: ISGS Circular 374
Mine Index 6946 NE SW NE 14-T5N-R4W source: ISGS Circular 374
Mine Index 6947 NE NW NW 14-T5N-R4W source: ISGS Circular 374
Mine Index 6948, Farrenkoff Brothers NW NW NW 14-T5N-R4W source: ISGS Circular 19, Plate IV & Federal

Land Bank Report

Mine Index 6949 SE NW NE 14-T5N-R4W source: Federal Land Bank Report & ISGS Circular 374
 Mine Index 6950 NE SW NE 14-T5N-R4W source: ISGS Circular 374
 Mine Index 6951, F. W. Whalen NE NE NE 15-T5N-R4W source: ISGS Circular 19, Plate IV & ISGS Bulletin 30
 Mine Index 6952 SW NE NW 15-T5N-R4W source: Coal Section files (1-2-12c)
 Mine Index 6953 NE SE SE 23-T5N-R4W source: Federal Land Bank Report
 Mine Index 6954 NW NW SW 24-T5N-R4W source: Federal Land Bank Report
 Mine Index 6955 NE SW NW 24-T5N-R4W source: ISGS Circular 374
 Mine Index 6956 SW SW SW 24-T5N-R4W source: Federal Land Bank Report
 Mine Index 6957 SW NE NW 18-T5N-R3W source: ISGS Circular 374
 Mine Index 6958 SE SW NW 18-T5N-R3W source: ISGS Circular 374
 Mine Index 6959 NW SW NW 8-T5N-R3W source: Federal Land Bank Report & ISGS Circular 374
 Mine Index 6960 SW SW NW 8-T5N-R3W source: ISGS Circular 374
 Mine Index 6961 SW NW NE 5-T5N-R3W source: ISGS Circular 374
 Mine Index 6962 NW NE NW 5-T5N-R3W source: ISGS Circular 374
 Mine Index 6963 NW SW SW 5-T5N-R3W source: Federal Land Bank Report
 Mine Index 6964 SE NE SE 6-T5N-R3W source: ISGS Circular 374
 Mine Index 6966 NE SE NW 31-T6N-R3W source: ISGS Circular 374
 Mine Index 6967 NW SE NW 6-T5N-R3W source: Post, Susan L., 1997, *Hiking Illinois*, Illinois Natural History

Survey

Mine Index 6968 NE NW SW 12-T5N-R4W source: Federal Land Bank Report
 Mine Index 6969 SE NW SE 7-T5N-R3W source: ISGS 1969 mined-out area map
 Mine Index 6971 NW NE SE 3-T5N-R4W source: ISGS 1969 mined out area map
 Mine Index 6972 NW NE SE 13-T5N-R4W source: Federal Land Bank Report
 Mine Index 6974, R. E. Pearson SW SW NW 7-T5N-R3W, drift source: ISGS Bulletin 30
 Mine Index 6975, Wilson Mine SW NW SW 1-T5N-R4W, drift source: ISGS Bulletin 30
 Mine Index 6981, Mourning & Davis NW NE NW 13-T5N-R4W, drift source: ISGS Bulletin 30
 Mine Index 6982, James Whalen SE SW NE 1-T5N-R4W, drift source: ISGS Bulletin 30
 Mine Index 6983 NE NE NE 14-T5N-R4W source: ISGS Bulletin 30
 Mine Index 6995 SW SW SE 11-T5N-R4W source: Coal Section files (sketched on 15-minute topographic map)
 Mine Index 6997 NW NW NW 31-T6N-R3W source: Coal Section files (sketched on 15-minute topographic map)
 Mine Index 6998 NE SW SE 35-T6N-R4W source: Coal Section files (sketched on 15-minute topographic map)
 Mine Index 7009 SE NE NW 13-T5N-R4W source: 1893 Plat Book of McDonough County, Illinois
 Mine Index 7010 SE NE NW 13-T5N-R4W source: 1893 Plat Book of McDonough County, Illinois
 Mine Index 7011 SW NE NW 13-T5N-R4W source: 1893 Plat Book of McDonough County, Illinois
 Mine Index 7012 SW NE NW 13-T5N-R4W source: 1893 Plat Book of McDonough County, Illinois
 Mine Index 7013 NE SW NW 13-T5N-R4W source: 1893 Plat Book of McDonough County, Illinois
 Mine Index 7014 NW SE NE 14-T5N-R4W source: 1893 Plat Book of McDonough County, Illinois
 Mine Index 7015 SW NE NE 14-T5N-R4W source: 1893 Plat Book of McDonough County, Illinois
 Mine Index 7017 NW NE NE 14-T5N-R4W source: 1893 Plat Book of McDonough County, Illinois
 Mine Index 7019 NW NE NE 14-T5N-R4W source: 1893 Plat Book of McDonough County, Illinois
 Mine Index 7021 NW NE NE 14-T5N-R4W source: 1893 Plat Book of McDonough County, Illinois
 Mine Index 7028 NE NW NE 2-T5N-R4W source: ISGS Circular 374

NON-COAL MINES IN THE COLCHESTER QUADRANGLE

Northwestern Terra Cotta Company, Curnon Clay Mine

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	McDonough	5N 3W	7	SE NE SW

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Federal Land Bank Report	3-1936	1:124800	1:124800	Secondary source

Annotated Bibliography (data source, brief description of information)

Federal Land Bank Report (McDonough County) - Mine location, general mine outline.

Clay Mine

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Mine	McDonough	5N 3W	5	NW SW NW

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS field notes (J. Lineback)	10-19-1976	(text only)	1:24000	Secondary source

Annotated Bibliography (data source, brief description of information)

ISGS field notes - Mine location.

Myers Clay Mine

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	McDonough	5N 4W	11	SE SE SE

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS field notes (H. E. Culver)	3-27-1922	(text only)	1:24000	Secondary source

Annotated Bibliography (data source, brief description of information)

ISGS field notes - Mine location.

Colchester Clay Company

SHAFT, SLOPE, DRIFT or TIPPLe LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Mine	McDonough	5N 4W	12	W ½ SW SE NE

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS field notes (H. R. Wanless)	8-24-1929	(text only)	1:24000	Secondary source

Annotated Bibliography (data source, brief description of information)

ISGS field notes - Mine location.

Colchester Brick & Tile Company

SHAFT, SLOPE, DRIFT or TIPPLe LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Pit	McDonough	5N 4W	12	NW NE NE

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS field notes (D. L. Reinertson)	5-28-1959	(text only)	1:24000	Secondary source

Annotated Bibliography (data source, brief description of information)

ISGS field notes - Mine location.

Johnson Clay Mine

SHAFT, SLOPE, DRIFT or TIPPLe LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Pit	McDonough	5N 4W	23	NE NE SE

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS field notes (H. R. Wanless)	1929	(text only)	1:24000	Secondary source

Annotated Bibliography (data source, brief description of information)

ISGS field notes - Mine location.

Clay Mine

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Mine	McDonough	5N 4W	12	SW SE NW

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Federal Land Bank Report	3-1936	1:124800	1:124800	Secondary source

Annotated Bibliography (data source, brief description of information)

Federal Land Bank Report (McDonough County) - Mine location, general mine outline.

Clay Mine

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Mine	McDonough	5N 4W	12	NE SW SW

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Federal Land Bank Report	3-1936	1:124800	1:124800	Secondary source

Annotated Bibliography (data source, brief description of information)

Federal Land Bank Report (McDonough County) - Mine location, general mine outline.

Clay Mine

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Mine	McDonough	5N 4W	13	SE NW SE

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Federal Land Bank Report	3-1936	1:124800	1:124800	Secondary source

Annotated Bibliography (data source, brief description of information)

Federal Land Bank Report (McDonough County) - Mine location, general mine outline.

Clay Mine

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Mine	McDonough	5N 4W	13	SW NE SE

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Federal Land Bank Report	3-1936	1:124800	1:124800	Secondary source

Annotated Bibliography (data source, brief description of information)

Federal Land Bank Report (McDonough County) - Mine location, general mine outline.

Clay Mine**SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS**

Type	County	Township-Range	Section	Quarters-Footage
Mine	McDonough	5N 4W	13	SE NW SW

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Federal Land Bank Report	3-1936	1:124800	1:124800	Secondary source

Annotated Bibliography (data source, brief description of information)

Federal Land Bank Report (McDonough County) - Mine location, general mine outline.

MINES WHOSE LOCATIONS ARE NOT KNOWN, COLCHESTER 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 Colchester 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), depth of coal in feet, and thickness of coal in feet.

The total tons mined by these unlocated mines is 1,767,588 (1,683,677 underground, 19,039 surface mined and 64,872 by unknown method), which would represent approximately 710 to 1,100 acres, depending on the recovery factor, mining method, and numerous other factors. (Note: 1 square mile = 640 acres)

COLCHESTER

Perry & Wylie, 1881-1882, shaft, Colchester, 90, 2.0, RP	200 tons
Davis (Isaac), 1881-1882, drift, Colchester, 30, 2.17	250 tons
Usher (George), 1881-1888, drift, Colchester, 40, 2.33-2.5, RP	1,740 tons
Greenbank (William), 1881-1882, drift, Colchester, 50, 2.5, RP	300 tons
The 1882 Coal Report indicates 10 acres had been mined. Production and years of operation before July 1881 are unknown.	
Jeffries (Louis), 1881-1884, shaft, Colchester, 60, 2.5, RP	950 tons
Zimmerman (John), 1881-1887, drift, Colchester, 50, 2.0-2.17, RP	2,190 tons
Eckersley (William), 1881-1890, drift, Colchester, 60, 2.0-2.5, RP	3,450 tons
Yapp (Otto), 1881-1887, drift, Colchester, 50-60, 2.17-2.33, RP	1,190 tons
Underhill & Yapp, 1887-1888	200 tons
Underhill (Samuel), 1888-1889	150 tons
	1,540 tons
Bowman (T. J.), 1881-1884, drift, Colchester, 50, 2.0-2.33, RP	150 tons
Campbell (Shadrach), 1881-1885, drift, Colchester, 40-50, 2.0, RP	1,260 tons
Hodgson (William), 1881-1893, drift, Colchester, 40-50, 2.0-2.5, RP	4,196 tons
Kipling (Thomas), 1881-1883, drift, Colchester, 40-50, 2.0-2.5, RP	100 tons
Kipling (Thomas) & Brothers, 1883-1884	200 tons
Kipling Brothers, 1884-1885	2,000 tons
Kipling (Thomas), 1885-1897 (idle 1893, 1894, 1895)	1,740 tons
	4,040 tons
Kipling (Thomas), 1884-1885, drift, Colchester, 50, 2.0, RP	1,000 tons
Welch (Charles), 1881-1886, drift, Colchester, 40-60, 2.0-2.25, RP	1,350 tons
Kipling (Frank), 1881-1883, drift, Colchester, 50-60, 2.17-2.25	40 tons
Justin (Stephen), 1881-1884, drift, Colchester, 30-50, 2.17-2.67, RP	1,570 tons
Reece & Justin, 1884-1885	80 tons
Justin (Stephen), 1885-1886	1,100 tons
Heron & Reece, 1886-1887	600 tons
Justin (Stephen), 1887-1892	3,930 tons
	7,280 tons

Fahnkoff (John), 1881-1885, drift, Colchester, 50, 2.0-2.5, RP	130 tons
Garbette (Samuel), 1881-1883, drift, Colchester, 50-80, 2.25-2.67	1,548 tons
Moon (William), 1881-1888, drift, Colchester, 40, 1.67-2.17, RP	1,610 tons
Williams (William), 1881-1894, drift, Colchester, 30-60, 2.0-2.5, RP	7,020 tons
Williams (Mrs. William), 1894-1895	<u>1,500</u> tons
	8,520 tons
Voegler (Fred), 1881-1882, drift, Colchester, 30-50, 2.5-2.67	240 tons
Paul & Voegler, 1882-1883	<u>440</u> tons
	680 tons
Humes (Michael), 1881-1906, drift, Colchester, 30-50, 2.0-2.5, RP	16,196 tons
Humes (George), 1906-1907	<u>1,204</u> tons
	17,400 tons
Moss (Samuel H.), 1881-1891, drift, Colchester, 50, 2.0-2.5, RP	1,650 tons
Foster (Newman), 1881-1887, drift, Colchester, 45-50, 2.0-2.5, RP	1,900 tons
Foster (Ed), 1887-1888	200 tons
Foster (Newman), 1888-1899, shaft	<u>2,786</u> tons
	4,886 tons
Production and years of operation before July 1881 are unknown. The 1882 Coal Report indicated 8 acres were mined.	
Lewis (Louis), 1881-1893, drift, Colchester, 50, 2.0-2.5, RP	8,940 tons
Quincy Coal Company, 1882-1884, (shaft number unknown)	236,589 tons
Quincy Coal Company, No. 20 Mine, 1884-1888, shaft, Colchester, 85, 2.33	36,060 tons
Quincy Coal Company, No. 21 Mine, 1884-1887, shaft, Colchester, 100, 2.17	38,046 tons
Quincy Coal Company, No. 23 Mine, 1884-1887, shaft, Colchester, 100, 2.17	39,709 tons
Quincy Coal Company, No. 24 Mine, 1884-1888, shaft, Colchester, 85, 2.25	48,078 tons
Quincy Coal Company, No. 25 Mine, 1885-1888, shaft, Colchester, 85, 2.33	22,942 tons
Quincy Coal Company, No. 26 Mine, 1887-1889, shaft	26,064 tons
Quincy Coal Company, No. 27 Mine, 1887-1891, shaft, Colchester, 70, 2.5	54,022 tons
Quincy Coal Company, No. 28 Mine, 1888-1890	35,443 tons
Quincy Coal Company, No. 29 Mine, 1888-1890	37,297 tons
Quincy Coal Company, No. 31 Mine, 1889-1891, shaft, Colchester, 74, 2.5	31,391 tons
Quincy Coal Company, No. 32 Mine, 1890-1892, shaft, Colchester, 70, 2.5	19,348 tons
Quincy Coal Company, No. 33 Mine, 1891-1893, shaft, Colchester, 62, 2.5	36,490 tons
Quincy Coal Company, No. 34 Mine, 1892-1895, shaft, Colchester, 72, 2.83	32,807 tons
Quincy Coal Company, No. 35 Mine, 1891-1895, shaft, Colchester, 72, 2.75	55,854 tons

The mine manager of Quincy Coal Company was J. C. Rundle and the hoisting engineer was John Ripatre (later spelled Rippetoe). There were economic difficulties in 1897-1898 where many mines shut down for indefinite periods, being unable to mine coal for the cost they could sell it. At this point, Quincy Coal Company leased the mine to Rundle & Ripatre, and afterwards the mines reported under these. However, when improvements or new shafts were reported, those were still reported under the Quincy Coal Company name.

Quincy Coal Company, No. 36 Mine, 1892-1897, shaft, Colchester, 65, 2.7	56,253 tons
Rippetoe & Rundle, No. 36 Mine, 1897-1898	<u>16,050 tons</u>
	72,303 tons
Rippetoe & Rundle, No. 37 Mine, 1898-1899, shaft, Colchester, 56, 2.75	15,340 tons
Bright (William), 1881-1888, drift, Colchester, 50, 2.17-2.5, RP	4,060 tons
Egerton (William), No. 2 Mine, 1881-1885, shaft, Colchester, 52-55, 2.5, RP	51,515 tons
Egerton (William), No. 3 Mine, 1884-1892, shaft, Colchester, 50-75, 2.5, RP	41,324 tons
Egerton (William), No. 2 Mine, 1891-1893	24,193 tons
McClure (R. F.), 1881-1887, drift, Colchester, 40, 2.17-2.5, RP	1,125 tons
McClure & Moon, 1887-1889	660 tons
McClure & Company, 1889-1890	150 tons
Moon (Joseph), 1890-1892	<u>280 tons</u>
	2,215 tons
Dixon (Washington), 1881-1883, drift, Colchester, 50, 2.0-2.5, RP	200 tons
Dixon (G. W.), 1883-1886	1,200 tons
Dixon (Wash), 1886-1887	<u>200 tons</u>
	1,600 tons
Sherbine (David), 1882-1884, shaft, Colchester, 75, 2.17, RP	2,100 tons
Millikin (George), 1882-1884, drift, Colchester, 30-50, 2.5, RP	921 tons
Pearson (John), 1882-1892, slope, Colchester, 30-50, 2.0-2.5, RP	5,718 tons
The 1883 Coal Report indicated 7 acres were mined. Production and years of operation before July 1882 are unknown.	
Myers & Uston, 1882-1883, drift, Colchester, 25-50, 2.33-2.67, RP	1,200 tons
Myers (John), 1883-1886	3,127 tons
Stevens (Milton), 1886-1887	1,000 tons
Myers & Stevens, 1887-1889	4,850 tons
Myers (John), 1889-1893	11,800 tons
Stevens & Wagle, 1893-1895	<u>3,080 tons</u>
	25,057 tons
Temple & Brothers, 1882-1883, drift, Colchester, 40, 2.33	160 tons
Welsh (Eliza), 1882-1883, drift, Colchester, 50, 2.0	12,200 tons
Welch (E. A.), 1885-1886, drift, Colchester, —, 2.0	400 tons
Wilson (Thomas) & Company, 1883-1884, shaft, Colchester, 65, 2.5, RP	3,000 tons
Wilson & Little, 1884-1888	5,157 tons
Wilson (Thomas), 1888-1895	<u>1,800 tons</u>
	9,957 tons
Dodds (Thomas), 1883-1884, drift, Colchester, 50, 2.33, RP	600 tons
Jones (Evan), 1883-1884, drift, Colchester, 50, 2.33, RP	600 tons
McIntosh (William), 1883-1892, drift, Colchester, 50, 2.0-2.5, RP	1,540 tons
Meller (Charles), 1883-1884, shaft, Colchester, 30, 2.33, RP	120 tons
Napier & Taylor, 1884-1887, shaft, Colchester, 60, 2.5, RP	4,341 tons
Heppinstall (James), 1884-1885, drift, Colchester, 50, 2.33, RP	145 tons
Heppenstall (James), 1888-1895, drift, Colchester, 45, 2.33-2.5, RP	1,650 tons

Hulson (William), 1884-1890, shaft, Colchester, 60, 2.5, RP	4,366 tons
Burgess (John), 1885-1888, drift, Colchester, 50, 2.33-2.5, RP	1,300 tons
Hickey (James), 1884-1886, drift, Colchester, 40, 2.17-2.5, RP	460 tons
Webster (Charles), 1884-1885, drift, Colchester, 80, 2.33, RP	100 tons
Nelson & Vawter, 1884-1885, drift, Colchester, 30, 2.17-2.5, RP	400 tons
Barber & Nelson, 1885-1886	150 tons
Vawter (U.), 1886-1887	700 tons
Vawter (J. S.), 1887-1889	<u>920 tons</u>
	2,170 tons
Whalen (Michael), 1884-1893, drift, Colchester, 30-40, 2.17-2.5, RP	4,460 tons
Whalen (Robert), 1893-1895	440 tons
Whalen (Michael), 1895-1897	<u>1,160 tons</u>
	6,060 tons
Kipling (William), 1885-1896, drift, Colchester, 30-60, 2.0-2.5, RP	3,360 tons
Bleakly & Kipling, 1896-1897	350 tons
Kipling (William), 1897-1907	6,360 tons
Kipling (William) & Brothers, 1907-1909	480 tons
Kipling & Kipling, 1909-1910	120 tons
Kipling Coal Company, 1910-1911	4,014 tons
Kipling (Thomas), No. 1 Mine, 1911-1914	428 tons
Kipling (John), 1914-1922	1,314 tons
Kipling (Jack), 1922-1923	<u>50 tons</u>
	16,476 tons
Berry (John), 1881-1885, drift, Colchester, —, 2.17, RP	60 tons
Berry (William), 1885-1887	425 tons
Berry (John), 1887-1888	240 tons
Berry (William), 1888-1890	400 tons
Berry (John), 1890-1892, shaft, Colchester, 26, 2.5, RP	240 tons
Berry (William), 1892-1893	<u>80 tons</u>
	1,445 tons
Hunter (John), 1885-1891, shaft, Colchester, 60, 2.33-2.5, RP	4,300 tons
Foster (William), 1885-1887, drift, Colchester, —, 2.17, RP	325 tons
Wakefield (George), 1885-1897, drift, Colchester, 35-86, 1.67-2.17, RP	2,765 tons
McCord (R.), 1885-1887, drift, Colchester, —, 2.17, RP	360 tons
Bright & McCord, 1887-1888	<u>480 tons</u>
	840 tons
Greenbank (Thomas), 1886-1889, drift, Colchester, —, 2.5, RP	2,296 tons
King (Moses), 1886-1892, drift, Colchester, 35, 2.0-2.5, RP	890 tons
Barber (William), 1892-1893	150 tons
Barber & Barrett, 1893-1894	<u>600 tons</u>
	1,640 tons
Mordue (George), 1886-1887, drift, Colchester, —, 2.5, RP	300 tons
Bumgardner (William), 1886-1887, drift, Colchester, —, 2.33, RP	500 tons
Bumgardner (J. W.), 1887-1888	880 tons
Baumgardner & Company, 1888-1890	<u>2,175 tons</u>
	3,555 tons
Hilliard (Eli), 1886-1887, drift, Colchester, —, 2.5, RP	40 tons
Louderman & Wolf, 1886-1887, drift, Colchester, —, 2.5, RP	400 tons

Funk (Justin), 1886-1887, drift, Colchester, —, 2.5, RP	800 tons
Wayland (D.), 1887-1888	720 tons
Whalen (Richard), 1888-1889	<u>750 tons</u>
	1,470 tons
Wagle (Frank), 1887-1888	600 tons
Gordon (Reed), 1887-1888, shaft, Colchester, 35-48, 2.33-2.5, RP	560 tons
Gordon (Robert R.), 1888-1889	1,250 tons
Gordon (Reed), 1889-1891	680 tons
Gordon (R. R.), 1891-1892	200 tons
Gordon (Reed), 1892-1895	<u>630 tons</u>
	3,320 tons
Hodgson (Samuel), 1887-1888	120 tons
Nelson (Benjamin), 1888-1892, drift, Colchester, —, 2.5, RP	1,460 tons
Doherty & Baglin, 1888-1889	1,500 tons
Baglin & Company, 1889-1890	<u>400 tons</u>
	1,900 tons
Dickeson (Charles), 1888-1889	200 tons
Paul (Edward), 1888-1889	283 tons
Bright (Samuel), 1890-1893, drift, Colchester, —, 2.5, RP	2,160 tons
Vest (L. H.), 1890-1898, shaft, Colchester, 30-43, 2.33-2.5, RP	10,980 tons
Jefferson (Thomas), 1890-1892, drift, Colchester, —, 2.5, RP	2,200 tons
Polonus & Company, 1890-1891, shaft, Colchester, 66, 2.5, RP	1,200 tons
Gordon & Barrett, 1890-1891, shaft, Colchester, 12, 2.5, RP	240 tons
Barrett (Benjamin), 1893-1894, shaft, Colchester, 40, 2.5, RP	200 tons
Gordon (Thomas), 1890-1891, drift, Colchester, —, 2.5, RP	200 tons
Barber & Cochrane, 1891-1892, shaft, Colchester, 60-68, 2.17-2.5, RP	1,000 tons
Cochrane (Thomas), 1892-1895	<u>1,594 tons</u>
	2,594 tons
Martin (Alonzo), 1891-1892, drift, Colchester, —, 2.5, RP	120 tons
Garrison (George), 1892-1900, drift, Colchester, 30-40, 2.0-2.5, RP	1,563 tons
Samuelson (Samuel), 1892-1894, drift, Colchester, 42, 2.5, RP	360 tons
Egerton Coal Company, No. 3 Mine, 1894-1900, shaft, Colchester, 58, 2.5	45,574 tons
Lowery & Hoar, 1893-1895, drift, Colchester, 30-45, 2.33-2.67, RP	230 tons
Lowery Brothers, 1895-1898	<u>875 tons</u>
	1,105 tons
Godfrey Brothers, 1893-1895, drift, Colchester, 35-40, 1.83-2.67, RP	180 tons
Godfrey (Arthur), 1895-1896	<u>750 tons</u>
	930 tons
Baker (William), 1893-1896, drift, Colchester, 30-35, 2.5, RP	440 tons
Baird (Oswald), 1893-1906, drift, Colchester, 30-40, 2.33-2.5, RP	8,024 tons

Booth & Fox, 1893-1895, drift, Colchester, 45, 2.67, RP	320 tons
Ryan (Jacob), 1893-1897, drift, Colchester, 35-50, 2.17-2.5, RP	2,075 tons
Eben (Amos), 1893-1903, drift, Colchester, 30-50, 2.17-2.5, RP	4,761 tons
Gibson & Smith, 1890-1891, drift, Colchester, 30, 2.33-2.83, RP	800 tons
Gibson (J.), 1891-1892	480 tons
Smith (George), 1892-1895	<u>3,020</u> tons
	4,300 tons
Sherbine (David B.), 1893-1898, shaft, Colchester, 30-40, 2.17-2.67, RP	5,858 tons
Pearson (John), 1894-1895, shaft, Colchester, 20-50, 2.0-2.5, RP	200 tons
Pierson (A.), 1895-1896	<u>40</u> tons
	240 tons
McDonough (Leo), 1894-1895, drift, Colchester, 25, 2.5, RP	480 tons
Hall (John), 1894-1896, drift, Colchester, 40-50, 2.0-2.33, RP	540 tons
Laity (Richard H.), 1894-1909, drift, Colchester, 30-50, 2.33-2.5, RP	2,408 tons
Wayland (James), 1895-1896, drift, Colchester, 30, 2.5, RP	240 tons
Berry (John), 1895-1917, shaft, Colchester, 20-60, 2.0-2.5, RP	14,897 tons
Cowan & Cooper, 1895-1896, drift, Colchester, 26-50, 2.33-2.5, RP	800 tons
Hillery Brothers, 1896-1901	<u>4,815</u> tons
	5,615 tons
Wall (A. B.), 1895-1896, drift, Colchester, 35, 2.83, RP	40 tons
Zimmerman (John), 1895-1905, drift, Colchester, 30-50, 2.33-2.67, RP	3,460 tons
Green Brothers & Kesler, 1895-1897, drift, —, 30-40, 2.5, RP	2,100 tons
Stone (Luke), 1895-1896, shaft, Colchester, 20-50, 2.33-2.5, RP	48 tons
Stone (Isaac), 1896-1901	<u>895</u> tons
	943 tons
Nees (W. H.), 1895-1897, drift, Colchester, 35-50, 2.33-2.5, RP	400 tons
Neece (Leonas), 1897-1899	600 tons
Nee (John), 1899-1904	<u>8,958</u> tons
	9,958 tons
McDonald (James), 1896-1897, shaft, Colchester, 30, 2.33-2.5, RP	300 tons
McDonald (Hugh), 1897-1898	<u>300</u> tons
	600 tons
Haines (Francis M.), 1896-1907, drift, Colchester, 30-50, 2.33-2.5, RP	1,590 tons
Kavanaugh & Larson, 1896-1897, drift, —, 30, 2.5, RP	50 tons
Hodgson (William), 1897-1901, drift, Colchester, 40, 2.33, RP	1,690 tons
Polonus (George), 1897-1906, drift, Colchester, 30-50, 2.33, RP	2,615 tons
Entwertle (Wash), 1897-1902, drift, Colchester, 40-50, 2.33, RP	1,645 tons
McCord (John), 1897-1902, drift, Colchester, 40-50, 2.33, RP	940 tons
Martin (Henry), 1897-1899, drift, Colchester, 40, 2.33, RP	600 tons
Swanson (A.), 1897-1899, shaft, Colchester, 40, 2.33	647 tons

Swanson (Andrew), 1902-1908, drift/shaft, Colchester, 20-50, 2.0-2.5, RP	1,777 tons
Swanson (Elmer), 1908-1918	<u>3,783</u> tons
	5,560 tons
Dickerson (William), 1897-1902, slope, Colchester, 30-40, 2.33, RP	1,990 tons
Williams (William), 1897-1902, drift, Colchester, 30-65, 2.33-2.5, RP	4,665 tons
Williams Coal Company, 1902-1903	1,600 tons
Williams & Brother, 1903-1904	105 tons
Williams (Roger), 1904-1905	1,400 tons
Williams Coal Company, 1905-1906	1,600 tons
Williams (Roger), 1906-1909	<u>180</u> tons
	9,550 tons
Averill (John), 1893-1894, shaft, Colchester, 42, 2.5, RP	160 tons
Blackley (Charles), 1898-1899, drift, Colchester, 40, 2.33	400 tons
Webster (William M.), 1898-1906, drift, Colchester, 30-40, 2.33, RP	451 tons
Bunt (Joseph), 1898-1910, drift, Colchester, 25-75, 2.0-2.5, RP	5,012 tons
Bunt Brothers, 1910-1915	<u>1,850</u> tons
	6,862 tons
Stanton Coal Company, 1899-1901, shaft, Colchester, 60-65, 2.33, RP	21,635 tons
Whalen (James), 1899-1902, drift, Colchester, 35-40, 2.33-2.5, RP	700 tons
Wayland Brothers, 1902-1906	2,001 tons
Wayland (Cal), 1906-1907	<u>320</u> tons
	3,021 tons
Wayland Brothers, 1908-1910, shaft, Colchester, 40-45, 2.5, RP	560 tons
Whalen (William), 1910-1920, drift, Colchester, 30-50, 2.0-2.5, RP	2,896 tons
Wayland Brothers, 1920-1923	<u>166</u> tons
	3,062 tons
Whalen (Mrs. Ellen / Hellen), 1917-1924	4,035 tons
Atkinson (Charles), 1899-1905, drift, Colchester, 40, 2.33, RP	6,531 tons
Foster (George W.), 1899-1909, —, Colchester, 30-74, 2.0-2.5, RP	4,668 tons
Kipling, Foster & Stone, 1909-1912	3,748 tons
Foster & Company, 1912-1918	<u>7,194</u> tons
	15,610 tons
Gordon (Reed), 1899-1900, —, —, 40, 2.33, RP	220 tons
Ennis (William), 1899-1902, drift, Colchester, 40, 2.33, RP	670 tons
Hoing (Henry), 1899-1900, —, —, 50, 2.33, RP	716 tons
Smith (George), 1899-1903, drift, Colchester, 28-40, 2.33-2.5, RP	790 tons
Smith Brothers, 1903-1904	85 tons
Smith (J. E.), 1904-1910	624 tons
Smith (Ira), 1910-1911	<u>37</u> tons
	1,536 tons
Lewis (Lewis), 1900-1908, shaft, Colchester, 40-52, 2.33-2.5, RP	3,463 tons
Hall & Stevens, 1901-1902	130 tons
Lokosik (Anton), 1901-1910, drift, Colchester, 25-40, 2.33-2.5, RP	1,457 tons
Goldsberry (James), 1901-1904, drift, Colchester, 40, 2.33, RP	144 tons

Mordue (George), 1902-1903, shaft/drift, Colchester, 40, 2.33, RP	120 tons
Mordue (David), 1903-1904	<u>660</u> tons
	780 tons
Hulson (William), 1902-1904, drift, Colchester, 30-50, 2.33-2.5, RP	641 tons
Hulson & Kipling, 1904-1905	626 tons
Hulson (William), 1905-1906	437 tons
Hulson & Kipling, 1906-1907	210 tons
Hulson (William), 1907-1911	<u>376</u> tons
	2,290 tons
Larson (John), 1902-1909, drift, Colchester, 10-40, 2.33-2.5, RP	204 tons
Betson (John R.), 1903-1908, drift, Colchester, 30-40, 2.33-2.5, RP	2,002 tons
Wilson & Thornton, 1902-1903, drift, Colchester, 40, 2.33, RP	60 tons
Wagle (A. A.), 1902-1903, drift, Colchester, 40, 2.33, RP	100 tons
Hoar (William), 1902-1904, drift, Colchester, 40, 2.33, RP	220 tons
Hoar & Foster, 1904-1906	<u>200</u> tons
	420 tons
King & Peck, 1902-1906, drift, Colchester, 35-40, 2.33, RP	400 tons
Guy & Company, 1902-1903, drift, Colchester, 40, 2.33, RP	70 tons
Putt Brothers, 1902-1903, drift, Colchester, 30-40, 2.33, RP	205 tons
Putt (John), 1903-1904	<u>437</u> tons
	642 tons
Pearson (John), 1902-1905, drift, Colchester, 40-42, 2.33, RP	1,648 tons
Ruder (John), 1902-1906, drift, Colchester, 30-50, 2.33, RP	1,838 tons
Harpe & Louis, 1919-1922	191 tons
Harpe (William), 1922-1925	680 tons
Harpe & Company, 1925-1926	<u>1,525</u> tons
	2,396 tons
Oldham (Ralph), 1902-1908, shaft, Colchester, 40-96, 2.33-2.5, RP	10,558 tons
Gordon (James) & Son, 1902-1903, drift, Colchester, 30, 2.33, RP	461 tons
Whalen (William), 1903-1906, drift, Colchester, 36-40, 2.33, RP	1,380 tons
Bexson (William), 1903-1904, drift, Colchester, 40, 2.33, RP	100 tons
Barrett & Green, 1903-1904, drift, Colchester, 35-40, 2.33, RP	1,733 tons
Barrett (Ora), 1904-1906	<u>640</u> tons
	2,373 tons
Cooper (Thomas), 1903-1904, drift, Colchester, 40, 2.33, RP	1,098 tons
Cooper & Stone, 1904-1906	<u>1,372</u> tons
	2,470 tons
Davidson (W. B.), 1903-1905, drift, Colchester, 35-40, 2.33, RP	1,020 tons
Crone (Aaron), 1903-1905, drift, Colchester, 30-40, 2.33, RP	300 tons
Carmack (E. H.), 1903-1904, drift, Colchester, 40, 2.33, RP	210 tons
Russell (Harvey), 1903-1904, drift, Colchester, 40, 2.33, RP	118 tons
Russell (William), 1905-1906, shaft, Colchester, 35, 2.33, RP	40 tons

Upham (Walter), 1904-1908, drift, Colchester, 30-40, 2.33-2.5, RP	1,778 tons
Whalen (John), 1904-1905, drift, Colchester, 36-70, 2.33, RP	100 tons
Whalen (Patrick), 1905-1906	160 tons
Whalen (John F.), 1906-1907	<u>200</u> tons
	460 tons
Oldham (Samuel), 1904-1912, drift, Colchester, 36-76, 1.67-2.5, RP	7,733 tons
Fisher (Isaac), 1912-1920	<u>1,128</u> tons
	8,861 tons
Jones (William), 1904-1909, drift, Colchester, 40-55, 2.33, RP	1,950 tons
Creecy (Bert), 1904-1905, slope, Colchester, 50, 2.33, RP	532 tons
Reynolds & Lowrey, 1904-1907, drift, Colchester, 36-55, 2.33, RP	979 tons
Waller (Joseph), 1904-1909, drift, Colchester, 36-65, 2.33-2.5, RP	520 tons
Atkinson & Dunbar, 1904-1905, drift, Colchester, 40, 2.33, RP	139 tons
Dunbar (Bradley), 1905-1906	<u>280</u> tons
	419 tons
Swanson (Elmer), 1904-1905, drift, Colchester, 35, 2.33, RP	92 tons
Moon (George), 1904-1906, drift, Colchester, 40-50, 2.33, RP	280 tons
Stone (Joseph), 1904-1906, drift, Colchester, 40, 2.33, RP	88 tons
Stone (Charles), 1907-1909, drift, Colchester, 30-40, 2.33-2.5, RP	152 tons
Tone (C. C.), 1911-1916, drift, Colchester, 40-60, 2.0-3.0, RP	1,170 tons
Stone (C. E.), 1913-1918, drift, Colchester, 50-60, 2.0-2.17, RP	535 tons
Barber (William), 1904-1905, drift, Colchester, 50, 2.33, RP	40 tons
Burton (John), 1904-1905, drift, Colchester, 30, 2.33, RP	30 tons
McCord (Samuel M.), 1906-1910, drift, Colchester, 30-60, 2.33-2.5, RP	1,093 tons
McCord (Sam), 1914-1917, drift, Colchester, 40, 2.0-2.17, RP	333 tons
Miller (E. W.), 1905-1906, drift, Colchester, 40, 2.33, RP	120 tons
Fisher (Isaac), 1905-1906, drift, Colchester, 30-60, 2.0-2.83, RP	240 tons
Fisher & Dickerson, 1906-1907	100 tons
Fisher (Isaac), 1907-1908	200 tons
Fisher & Dickerson, 1908-1909	240 tons
Dickerson (William H.), 1909-1911	410 tons
Dickson (G. E.), 1911-1916	<u>1,730</u> tons
	2,920 tons
Hobby (William), 1905-1906, shaft, Colchester, 96, 2.33, RP	1,058 tons
Birney & Company, 1905-1906, drift, Colchester, 45, 2.33, RP	1,914 tons
Williams (Orlando), 1906-1908, drift, Colchester, 40-50, 1.91-2.5, RP	260 tons
Williams (Len or Lem), 1908-1917	2,385 tons
Williams (William J. D.), 1917-1919	<u>358</u> tons
	3,003 tons
Murray (B. F.), 1906-1909, drift, Colchester, 30-50, 1.67-2.5, RP	640 tons
Murray & Martin, 1909-1911	200 tons
Murray (Frank), 1911-1924	2,128 tons

Murray (B. F.), 1924-1925	135 tons
Murray (Frank), 1926-1934	<u>330 tons</u>
	3,433 tons
Hodgings (John), 1906-1907, drift, Colchester, 40, 2.33, RP	40 tons
Guy (James), 1907-1909, drift, Colchester, 40-60, 2.33-2.5, RP	982 tons
Gray (J. M.), 1909-1910	<u>1,100 tons</u>
	2,082 tons
Clark (George M.), 1907-1908, shaft, Colchester, 40, 2.5, RP	40 tons
Nelson (Thomas), 1908-1910, drift, Colchester, 25-80, 2.33-2.5, RP	726 tons
Rippetoe (Charles), 1908-1909, drift, Colchester, 45, 2.5, RP	280 tons
Malen (William), 1909-1910, drift, Colchester, 45, 2.5, RP	432 tons
Kipler (J. W.), 1909-1910, drift, Colchester, 40, 2.5, RP	320 tons
Hocker (Henry), 1909-1910, drift, Colchester, 20-50, 2.0-2.5, RP	60 tons
Hocker & Barrett, 1910-1912	<u>1,220 tons</u>
Webster (William), 1912-1914	<u>918 tons</u>
	2,198 tons
Mourning (Allan), 1910-1916, drift, Colchester, 33-40, 2.5-2.67, RP	448 tons
Fleming (A. L.), 1911-1914, shaft, Colchester, 80-95, 2.17-2.67, RP	4,310 tons
Wilson (James), 1911-1917, drift/slope, Colchester, 15-70, 2.0, RP	595 tons
Swanson (Oscar), 1911-1923, drift, Colchester, 30-50, 1.83-2.5, RP	1,333 tons
Jones (William M.), 1912-1917, drift, Colchester, 40-65, 2.17-2.67, RP	1,543 tons
Waters (Alla), 1912-1914, drift, Colchester, 38-80, 2.0-2.33, RP	630 tons
Ebbens (David E.), 1912-1914, drift, Colchester, 40, 2.0-2.17, RP	160 tons
Kipling (Thomas), No. 2 Mine, 1913-1925, drift, Colchester, 35-60, 2.0-2.33	2,741 tons
Miller (Gilbert), 1913-1917, shaft, Colchester, 15-30, 1.67-2.17, RP	<u>1,170 tons</u>
Miller (Elmer), 1917-1919	<u>163 tons</u>
	1,333 tons
Nelson (Willis), 1914-1918, drift, Colchester, 40-50, 1.83-2.33, RP	1,666 tons
Nelson (Frank), 1918-1920	<u>402 tons</u>
	2,068 tons
King & McCants, 1913-1914, drift, Colchester, —, 2.33, RP	50 tons
Webster & Stone, 1913-1922, drift, Colchester, 35-65, 2.0-2.5, RP	3,770 tons
Stone (Thomas), 1922-1925	<u>1,128 tons</u>
	4,898 tons
Zimmerman (John), 1913-1915, drift, Colchester, 60-75, 1.83-2.67, RP	860 tons
Wagle (Frank), 1915-1919	<u>1,328 tons</u>
Wagle & Kipling, 1919-1920	<u>188 tons</u>
	2,376 tons
Baird Brothers, No. 1 Mine, 1914-1919, shaft, Colchester, 60, 2.5-2.67, RP	8,071 tons
Baird Brothers, No. 2 Mine, 1916-1919, shaft, Colchester, 60, 2.67, RP	437 tons
Baird Brothers, No. 3 Mine, 1919-1921	634 tons

Baird Brothers, No. 1 Mine, 1922-1924	3,646 tons
Baird Brothers, No. 2 Mine, 1923-1924	1,000 tons
Baird Brothers, No. 3 Mine, 1922-1923	492 tons
Baird (Walter O.), 1922-1923	800 tons
McGrann (Jack), 1914-1917, drift, Colchester, 50, 2.5, RP	1,681 tons
Martin (Clarence), 1914-1926, drift, Colchester, 40-70, 1.5-2.0, RP	1,391 tons
Welch (Joseph), 1914-1916, drift, Colchester, 40, 1.83, RP	62 tons
Hoar & Barber, 1915-1919, drift, Colchester, 50, 2.0-2.17, RP	1,131 tons
Barber (William), 1919-1920	<u>199 tons</u>
	1,330 tons
Green (Sam), 1915-1916, drift, Colchester, 45, 2.5, RP	260 tons
Lowery (John), 1915-1916, drift, Colchester, 25, 2.5, RP	250 tons
Averill (Harry), 1915-1917, drift, Colchester, 30-35, 1.83-2.0, RP	315 tons
Berney & Stewart, 1916-1917, drift, Colchester, 65, 2.5, RP	349 tons
Burney (Ralph), 1919-1921	359 tons
Burton (John), 1916-1925, drift, Colchester, 50, 2.0, RP	1,948 tons
Burton & Clark, 1926-1926	875 tons
Burton (Frank), 1927-1927	96 tons
Burton (Sam), 1928-1928	<u>115 tons</u>
	3,034 tons
Guy (James), 1916-1917, drift, Colchester, 60, 2.67, RP	303 tons
Porter (Charles), 1917-1919	1,389 tons
Stone (Titus), 1917-1920	1,251 tons
Kilgore (W. M.), 1917-1918	339 tons
Atkinson (Ira), 1917-1921	848 tons
Creasey (Bert), 1917-1920	588 tons
McCants (Bert), 1917-1919	270 tons
Davison (Bert), 1917-1919	145 tons
Davison (Bert), 1922-1924	130 tons
Davison (Wayne), 1926-1926	20 tons
Baker (William), 1918-1919	254 tons
Hocker (Henry), 1918-1920	362 tons
Hocker (Thomas), 1922-1924	760 tons
Hocker (L.), 1924-1925	<u>40 tons</u>
	800 tons
Hocker (T. C.), 1929-1929, underground	278 tons
Hocker & Fox, 1923-1924	200 tons

Stewart & Booth, 1918-1922	1,851 tons
Stewart (John), 1922-1923	<u>40 tons</u>
	1,891 tons
Stone Brothers, 1945-1948, underground	329 tons
Stone Brothers, 1943-1945, underground	264 tons
Hocker (Thomas), 1940-1940, underground	171 tons
Hocker & Swanson, 1941-1942	495 tons
Wagle & Swanson, 1942-1942	478 tons
Wagle, Burton & Swanson, 1943-1943	<u>250 tons</u>
	1,394 tons
Mordue (Thomas), 1919-1920	280 tons
Mordue (James), 1920-1924	<u>1,040 tons</u>
	1,320 tons
Wiley (John A.), 1919-1921	1,754 tons
Bushmeyer & Gibbs, 1920-1921	16 tons
Berry (John), 1920-1927	3,011 tons
Bexson & Company, 1920-1922, underground	1,415 tons
Bexson & Nelson, 1922-1925	5,892 tons
Benson (W. G.), 1926-1929	<u>4,550 tons</u>
	11,857 tons
Fentem (George), 1920-1921	102 tons
Gordon (Al), 1920-1924	156 tons
Wayland (William), 1922-1923	368 tons
Whalen (William), 1927-1927	1,500 tons
Wayland Brothers, 1928-1928, underground	128 tons
Wayland (Herbert), 1929-1929, underground	180 tons
Swanson (Elmer), 1922-1924	480 tons
McGrann & Mourning, 1922-1928, underground	3,534 tons
Mourning (Allan), 1929-1929	<u>200 tons</u>
	3,734 tons
McGrann (William H.), No. 1 Mine, 1922-1924	1,320 tons
McGrann (William H.), No. 2 Mine, 1924-1926	732 tons
King (Joe), 1922-1923	360 tons
Waller (Jop), 1922-1925	560 tons
Waller (W. J.), 1932-1932, surface	5,900 tons
Wayland & Waller, 1933-1933	<u>1,480 tons</u>
	7,380 tons
Dorothy (Ira), 1922-1924, underground	400 tons
Fox & Dorothy, 1924-1926	600 tons
Dorothy (B.), 1927-1927	106 tons
Fox & Dorothy, 1928-1928	<u>140 tons</u>
	1,246 tons

Smith (J. E.), 1922-1924	334 tons
Mith (Ed), 1924-1925	<u>64 tons</u>
	348 tons
McGrann (John), 1922-1924	350 tons
Heaton (George), 1922-1925	230 tons
Wayland & Heaton, 1926-1926	400 tons
Hocker & Heaton, 1927-1927	<u>450 tons</u>
	1,080 tons
Wilson (James), 1922-1925	137 tons
Laird & Vawter, 1923-1924, underground	80 tons
Nelson & Laird, 1924-1926	1,214 tons
Nelson (Frank), 1927-1927	50 tons
Nelson & Company, 1928-1928	108 tons
Nelson (John), 1929-1929	<u>400 tons</u>
	1,852 tons
McCord (Samuel), 1923-1929, underground	1,835 tons
Usher (Ollie), 1923-1924	90 tons
Oldham (George), 1923-1924	80 tons
Webster (William), 1923-1924	50 tons
Webster & Crow, 1927-1927	140 tons
Wayland (Frank), 1924-1925	400 tons
Wayland & Booth, 1925-1926	465 tons
Booth & Son, 1927-1927	<u>201 tons</u>
	1,066 tons
Bunt Brothers, 1924-1928, underground	1,004 tons
Clark & Kelly, 1924-1925	395 tons
Creasey & Clark, 1925-1926	<u>360 tons</u>
	755 tons
Pearson (R. E.), 1925-1926	40 tons
Wiley (J. A.), 1927-1927	2,800 tons
Gustafson & Company, 1927-1927	100 tons
Porter (Charles) & Son, 1928-1932, underground	2,932 tons
Fox (Thomas), 1925-1928, underground	773 tons
Windsor Coal Company, 1934-1934, underground	325 tons
Wilson (Charles), 1934-1934, underground	200 tons
Kipling (Frank), 1934-1934, underground	25 tons
Stone (Ike), 1937-1940, underground	1,273 tons
Stone Brothers, 1941-1942	<u>274 tons</u>
	1,547 tons
Hocker (Thomas), 1935-1938, underground	665 tons
Kipling (Clarence), 1939-1939	60 tons
Kipling & Bunt, 1940-1940	50 tons
Bunt (Earl), 1941-1942	<u>69 tons</u>

	844 tons
Stoneking (Ernest), No. 2 Mine, 1940-1940, underground	155 tons
Miller (Bert), 1941-1942	84 tons
Porter & Vawter, 1942-1942	<u>9 tons</u>
	248 tons
Fox (Frank), 1940-1942, underground	953 tons
Vawter (Arthur), 1941-1941, underground	19 tons
Booth & McCullough, 1942-1942	<u>120 tons</u>
	139 tons
Wayland (Jesse William), 1941-1942, underground	324 tons
Fox (Frank), 1942-1942, underground	47 tons
Bunt (Earl), 1942-1942, underground	6 tons
Powell & Booth, 1940-1941, underground	447 tons
Bunt (Earl), 1932-1939, underground	4,266 tons
Kipling & Bunt, 1940-1940	<u>71 tons</u>
	4,337 tons
Porter & Fentem, 1938-1938, underground	141 tons
Porter & McCullough, 1939-1939	148 tons
Fentem & McCullough, 1940-1940	<u>97 tons</u>
	386 tons
Bexon Coal Company, 1940-1940, underground	112 tons
Wayland (Erwin), 1940-1940, underground	70 tons
Nelson Brothers, 1940-1940, underground	45 tons
Burton (Frank) & Son, 1940-1940, underground	14 tons
Hocker (Leland S.), 1938-1939, underground	95 tons
Nelson (Frank), 1938-1938, underground	15 tons
Wayland & Company, 1938-1938, underground	80 tons
Abbott & Nelson, 1936-1936, underground	60 tons
Beal & Stookey, 1934-1936, underground	218 tons
Smith (Thomas W.), 1935-1935, underground	80 tons
Smith (Tandy), 1936-1936	<u>219 tons</u>
	299 tons
Wayland (Jess), 1935-1935, underground	40 tons
Wayland (Ervin), 1936-1936	<u>260 tons</u>
	300 tons
McClure & Mourning, 1934-1934, underground	50 tons
Parke & Mourning, 1935-1935	<u>422 tons</u>
	472 tons
Whalen (P. F.), 1934-1935, underground	496 tons
Fentem Brothers, 1934-1935, underground	415 tons
Humes (Merle), 1935-1935, underground	120 tons

Reynolds (Alva), 1935-1935, underground	32 tons
Baird (Thomas T.), 1934-1934, underground	2,150 tons
Vawter (Alla), 1899-1902, drift, Colchester, 40-50, 1.83-2.5, RP	3,155 tons
Vawter (J. S.), 1902-1904	120 tons
Vawter (Alla), 1904-1926	4,385 tons
Murray & Vawter, 1927-1927	440 tons
Vawter (Alla), 1928-1934	<u>542 tons</u>
	8,642 tons
Atkinson (Louis P.), 1881-1902, drift, Colchester, 30-70, 1.83-2.5, RP	9,635 tons
Atkinson Brothers, 1902-1906	5,717 tons
Atkinson (Amos), 1906-1912	3,545 tons
Wayland (James), 1912-1918	<u>2,092 tons</u>
	20,989 tons

FANDON

Archer (George), 1883-1884, drift, Rock Island, 80, 2.0, RP	600 tons
Archer (John), 1884-1885	<u>25 tons</u>
	625 tons
Kerr (William), 1883-1884, drift, Rock Island, 30, 2.33, RP	100 tons
Frakes (George R.), 1883-1885, drift, Rock Island, 50, 2.33	260 tons
This mine was a surface mine the first year (200 tons), then made a drift off the highwall.	
Morgan (Jacob), 1883-1885, drift, Rock Island, 50, 2.33, RP	700 tons
Brisbee (William), 1883-1884, surface, Rock Island, 4, 2.33	1,000 tons
Brisbee (Levi), 1884-1885	<u>400 tons</u>
	1,400 tons
Brisbee (Levi), 1885-1886, drift, Rock Island, —, 2.0, RP	40 tons
Frakes (R. H.), 1883-1884, drift, Rock Island, 50, 2.33, RP	80 tons
Fawcett (J.), 1885-1886, drift, Rock Island, —, 2.0, RP	40 tons
Bibb (Josiah), 1885-1886, drift, Rock Island, —, 2.0, RP	80 tons
Keigle (John), 1885-1886, drift, Rock Island, —, 2.0, RP	60 tons
Rigg (J. R.), 1888-1889	200 tons
Arlington (Gus), 1888-1889	45 tons
Stoneking (William), 1884-1885, surface, Rock Island, 5, 2.33	175 tons
Thompson (Sherman), 1889-1890	280 tons
Smith (D. W.), 1893-1896, drift, Colchester, 45, 2.33, RP	2,100 tons
Price (C. H.), 1916-1917, drift, Colchester, 40, 2.5, RP	170 tons
Teel (Aaron), 1929-1929, underground	192 tons
Carnahan (Ed), 1922-1924, underground	1,360 tons
Carnahan (Rella), 1925-1927	1,470 tons
Carnahan (Ed), 1928-1936	683 tons
Henley & Sons, 1937-1939	<u>914 tons</u>
	4,427 tons

Thompson (Bird), 1928-1928, underground	96 tons
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LA HARPE

Myers & Wilkinson, 1899-1902, slope, Colchester, 40-60, 2.33, RP	4,962 tons
Nudd (Clay), 1902-1905, shaft, Colchester, 40, 2.33, RP	1,140 tons
Wingo (James), 1916-1917, shaft, Colchester, 50, 2.0, RP	16 tons

MACOMB

Wilson (A. E.), 1897-1899, slope/drift, Colchester, 30-40, 2.33	598 tons
Porter (William H.), 1890-1902, shaft, Colchester, 12-40, 2.33-2.5, RP	5,456 tons
Porter (Charles), 1902-1906	<u>627 tons</u>
	6,083 tons
Teel & Baker, 1903-1904, drift, Colchester, 35-40, 2.33, RP	320 tons
Baker (William), 1904-1906	<u>440 tons</u>
	760 tons
Berry (William), 1897-1899, slope/drift, Colchester, 30-40, 2.33, RP	425 tons
Eddington (William), 1899-1907, shaft, Colchester, 25-40, 2.33, RP	4,734 tons
Kosch (Simeon), 1899-1903, drift, Colchester, 40, 2.33, RP	670 tons
Kost (Charles), 1902-1903, drift, Colchester, 40, 2.33, RP	100 tons
Riggins (Henry), 1904-1905, drift, Colchester, 35, 2.33, RP	220 tons
Price (Cloren H.), 1905-1911, —, Colchester, 30-45, 2.33-2.5, RP	2,072 tons
Thompson (John), 1906-1915, drift, Colchester, 35-70, 2.33-2.67, RP	3,535 tons
Thompson Brothers, 1915-1916	322 tons
Thompson (Robert B.), 1917-1921	<u>284 tons</u>
	4,141 tons
Norris (Charles), 1909-1921, drift, Colchester, 40-60, 2.17-2.5, RP	2,464 tons
Teel (Curry), 1909-1922, drift, Colchester, 13-42, 2.17-2.5, RP	2,405 tons
Foster & Teel, 1922-1924	<u>520 tons</u>
	2,925 tons
Teel (Curry), 1926-1926	20 tons
Teel (Curry), 1929-1929, underground	220 tons
Foster (O. F.) & Company, 1926-1926	110 tons
Foster (O. F.) & Company, 1929-1929, underground	120 tons
Willey (Walter), 1913-1914, drift, Colchester, —, 2.5, RP	400 tons
Willey (I. L. & T. L.), 1909-1922, drift, Colchester, 35-60, 2.33-2.5, RP	2,327 tons
Willey (L. G.), 1922-1923	200 tons
Willey (Nitis), 1923-1924	80 tons
Willey & Vogler, 1924-1925	<u>395 tons</u>
	3,002 tons

Icenogle (Clarence M.), 1910-1916, shaft, Colchester, 20-50, 2.33-2.5, RP	1,433 tons
Finch (Henry), 1911-1925, drift, Colchester, 35-55, 2.0-2.5, RP	1,824 tons
Jones (Iverson), 1913-1915, drift, Colchester, 40, 2.33-2.5, RP	280 tons
Stoker (Thomas), 1925-1926	110 tons
Stoker (Thomas), 1929-1929, underground	32 tons
Greenbank (John), 1919-1920	800 tons
Shepherd (James J.), 1920-1921	<u>176</u> tons 976 tons
Miller (Elmer W.), 1943-1944, underground	245 tons
Brown (Harold), 1944-1945	378 tons
Atkinson & Sprinkle, 1945-1945	<u>100</u> tons 723 tons
Breeden (Virgil) Coal Company, 1939-1943, underground	1,228 tons
Wike (H. W.), 1919-1921	230 tons
Welch (Cleve C.), 1922-1926	5,730 tons
Eddington (Len), 1922-1924	1,480 tons
Eddington (Oliver), 1924-1925	600 tons
Eddington (Len), 1925-1925	203 tons
Eddington (Oliver), 1926-1926	<u>600</u> tons 2,883 tons
Ebben (Dave), 1922-1926	1,860 tons
Regins (Henry), 1922-1925	729 tons
Miller (Elmer W.), 1942-1943, underground	696 tons
Cole (John), 1922-1923	160 tons
Johnson (George), 1922-1923	120 tons
Moon (Charley), 1922-1924	400 tons
Thompson (Bert), 1924-1925	110 tons
White (E. H.), 1928-1928, underground	200 tons
Clark (Ray), 1929-1929, underground	92 tons
Norris (Charles), 1929-1929, underground	76 tons
Willey (Eli), 1939-1942, surface	8,959 tons
Willey, No. 2 Mine, 1942-1942, surface	195 tons
Shepherd (Joe), 1942-1942, underground	26 tons
Chockley & Smith, 1937-1937, underground	680 tons
Wilson (Charles), 1938-1938	170 tons
Jones (John W., Jr.), 1939-1940	1,027 tons
Joseph (John W.), 1941-1941	<u>85</u> tons 1,962 tons
Derry (Oral), 1939-1939, underground	120 tons

Willey (Eli), 1938-1938, surface	25 tons
Friday (Cecil D.), 1937-1937, underground	320 tons
Teel (Curry), 1936-1936, surface	108 tons
Black (Vick), 1936-1936, underground	120 tons
Brown (W. O.), 1936-1936, underground	155 tons
Stone (Herbert), 1935-1936, underground	242 tons
Carver (William), 1935-1935, underground	56 tons
Oldham (George), 1935-1935, underground	8 tons

MONMOUTH

Monmouth Stone Company, 1946-1947, surface	797 tons
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TABLE GROVE

Dougherty (R.), 1899-1902, slope, Colchester, 40, 2.33, RP	990 tons
Woodford (Scott), 1922-1924	1,760 tons

TENNESSEE

Cowen (William), 1881-1883, drift, Colchester, 50-60, 2.25-2.67	330 tons
Eaton (John), 1881-1882, drift, Colchester, 50, 2.0-2.5, RP	600 tons
Eaton (James), 1882-1884	<u>1,900</u> tons
	2,500 tons
Averill (John), 1881-1884, drift, Colchester, 20-50, 2.0-2.5, RP	475 tons
Averill (Warren), 1884-1885	<u>440</u> tons
	915 tons
Thompson (B. F.), 1882-1884, drift, Colchester, 40, 2.0, RP	200 tons
Whalen (Fergus), 1883-1887, shaft, Colchester, 27-40, 2.17, RP	1,300 tons
Whalen (Fergus), 1890-1902, drift, Colchester, 30-40, 2.17-2.5, RP	5,580 tons
Dull (Mrs.), 1883-1885, drift, Colchester, 20-30, 2.0-2.7, RP	285 tons
Dull Brothers, 1886-1887	500 tons
Dull & Vaddle, 1887-1889	500 tons
Russell & Dull, 1889-1890	<u>480</u> tons
	1,765 tons
Russell & Dewitt, 1893-1895, drift, Colchester, 35, 2.17, RP	1,660 tons
Waddell (Ole), 1895-1897, drift, Colchester, 30-50, 2.17-2.67, RP	700 tons
Waddell Brothers, 1897-1903	2,944 tons
Waddell (C. E.), 1903-1904	540 tons
Waddell Brothers, 1904-1905	640 tons
Waddell (C.), 1905-1906	528 tons
Waddell Brothers, 1906-1909	1,468 tons
Waddell (C. E.), 1909-1913	<u>2,350</u> tons

	9,170 tons
Dull Brothers, 1898-1901, shaft/drift, Colchester, 40, 2.33, RP	2,995 tons
Russell & Moon, 1905-1908, shaft, Colchester, 35-50, 2.33-2.5, RP	1,160 tons
Russell & Moore, 1908-1909	<u>52 tons</u>
	1,212 tons
Teel (Aaron), 1918-1926, underground	4,301 tons
Waddell, Nelson & Cassidy, 1927-1927	2,400 tons
McClure, Waddell Brothers & Company, 1928-1928	360 tons
McClure, Waddell & Burton, 1929-1933	275 tons
Waddell Brothers, 1934-1935	611 tons
Waddell (Otis), 1936-1936	<u>108 tons</u>
	8,055 tons

VERMONT

Kirkbride Brothers, 1895-1899, drift, Colchester, 30-60, 2.33-2.67, RP	963 tons
Kirkbride (J. C.), 1895-1898, drift, Colchester, 30-50, 2.33-2.67, RP	400 tons
Kirkbride & McIntire, 1898-1899	<u>400 tons</u>
	800 tons
Mitchell Brothers, 1895-1900, drift, Colchester, 30-45, 2.33-2.5, RP also reported as Witchell Brothers	1,070 tons
Kirkbride (John C.), 1903-1906, drift/slope, Colchester, 25-30, 2.33, RP	2,137 tons
Davis (Jackson M.), 1903-1904, drift, Colchester, 40, 2.33, RP	1,324 tons
Mitchell (John C.), 1903-1906, drift, Colchester, 38-50, 2.33, RP	750 tons
Mitchell (Walter), 1904-1905, drift, Colchester, 38, 2.33, RP	180 tons
Burgard (Joseph), 1904-1905, drift, Colchester, 30, 2.33, RP	600 tons
Sweeney (Charles), 1906-1916, slope, Colchester, 30-50, 2.33-3.25, RP	13,134 tons
Walters (S. K.), 1911-1913, drift, Colchester, 40, 2.67-3.0, RP	770 tons
Geer (A. A.), 1919-1925	3,350 tons
Clark (Frank), 1926-1926	532 tons

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