

Coal Mines in Illinois
Johnston City Quadrangle

Williamson & Franklin Counties, Illinois

Herrin Coal

This map accompanies the Coal Mines Directory for the Johnston City Quadrangle and the map of mines in the Springfield Coal, Johnston City 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

Mine Annotation

(space permitting)

Company

Mine Name

ISGS Index No., Years of Operation

Location



Disclaimer

Please check the Coal Section at the Illinois State Geological Survey's web site at <https://www.isgs.illinois.edu> for the most up-to-date version of these products.

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

The maps and digital files used for these studies were compiled from data obtained from a variety of public and private sources and have varying degrees of completeness and accuracy. This compilation map presents reasonable interpretation of the geology of the area and is based on available data. Locations of some mine features may be offset by 500 feet or more due to errors in the original source maps, the compilation process, digitizing, or a combination of these factors. These data are not intended for use in site-specific screening or decision-making. Use of these documents does not eliminate the need for detailed studies to fully understand the geology of a specific site. The Illinois State Geological Survey, Prairie Research Institute, or the University of Illinois make no guarantee, expressed or implied, regarding the correctness of the interpretations presented in this data set and accept no liability for the consequences of decisions made by others on the basis of the information presented here.

These maps were designed for use at 1:24,000. Enlarging the map may reduce accuracy, as the original scale of the source maps used to compile the outlines shown varies from 1:400 to 1:150,000, and some mine locations are known only from text descriptions. See the accompanying mine directory for the original scale of the source map used for a specific mine to check accuracy of a given portion of the map. Areas with no mines shown may still be undermined; see the undated mines list at the back of each mine directory.

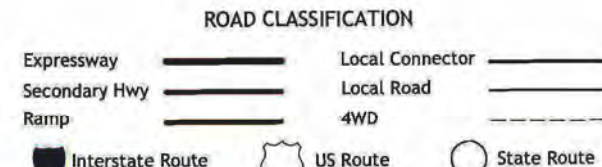
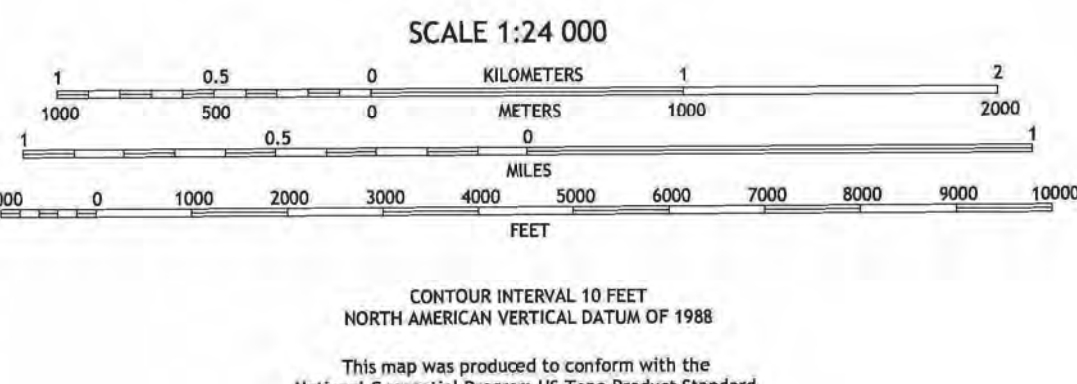
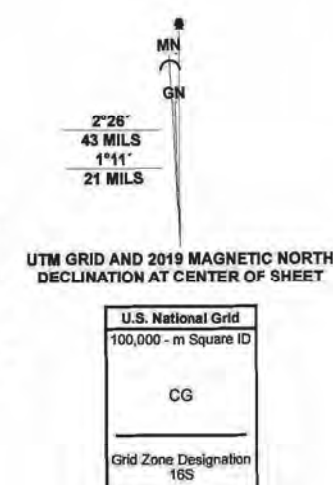
The image of the U.S.G.S. topographic base map was projected from the original UTM to Lambert Conformal Conic.

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North American Datum of 1983 (NAD83)
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Imagery	USGS, September 2019 - September 2019
Names	U.S. Census Bureau, 2017
Hydrography	USGS, 1980 - 2000
Contours	National Hydrography Dataset, 2002 - 2019
Boundaries	National Elevation Dataset, 2014
Public Land Survey System	Multiple sources; see metadata file 2018, 2020
Wetlands	FWS National Wetlands Inventory, Not Available

This map was produced to conform with the
National Geospatial Program US Topo Product Standard.

JOHNSTON CITY, IL
2021

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Mine Outlines Compiled by
Alan R. Myers

June 2003
Revised 2005, 2022, & 2023

Coal Mines in Illinois
Johnston City Quadrangle

Williamson & Franklin Counties, Illinois

Springfield Coal

This map accompanies the Coal Mines Directory for the Johnston City Quadrangle and the map of mines in the Herrin Coal, Johnston City Quadrangle. Consult the directory for a complete explanation of the information shown on this map.

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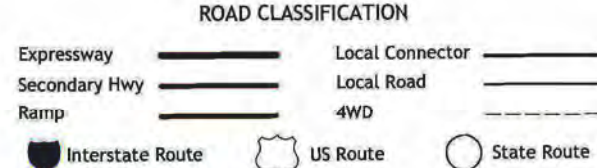
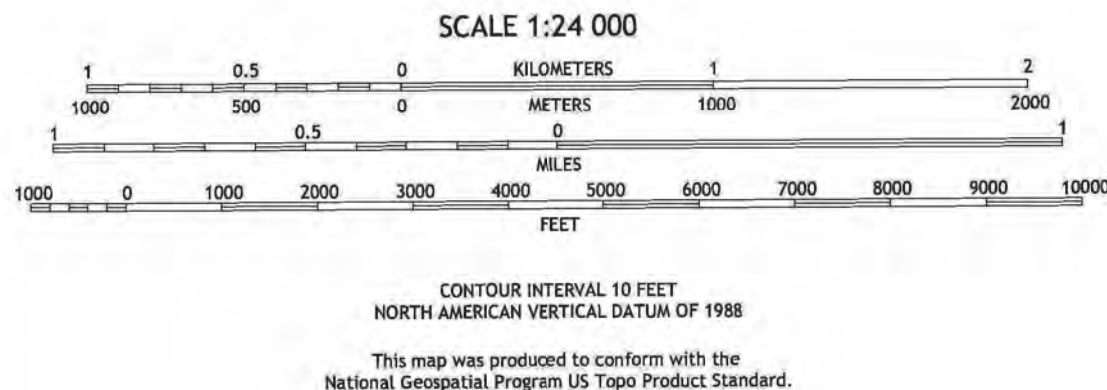
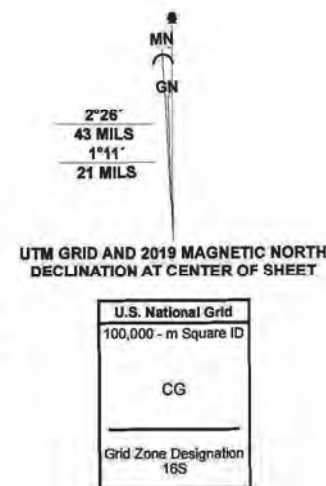
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Public Land Survey SystemBLM, 2020
WetlandsFWS National Wetlands Inventory, Not Available

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National Geospatial Program US Topo Product Standard.



JOHNSTON CITY, IL
2021

DIRECTORY OF COAL MINES IN ILLINOIS 7.5-MINUTE QUADRANGLE SERIES JOHNSTON CITY QUADRANGLE WILLIAMSON AND FRANKLIN COUNTIES

Alan R. Myers, Melisa L. Borino and Jennifer M. Obrad



Department of Natural Resources
ILLINOIS STATE GEOLOGICAL SURVEY
2003
REVISED 2005

**DIRECTORY OF COAL MINES IN ILLINOIS
7.5-MINUTE QUADRANGLE SERIES
JOHNSTON CITY QUADRANGLE
WILLIAMSON AND FRANKLIN COUNTIES**

2003
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) 244-4610.

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INTRODUCTION

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

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

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 JOHNSTON CITY QUADRANGLE

Two minable coal seams crop out in the Johnston City Quadrangle: the Herrin and Springfield Coals. Because both coals are close to the surface, both were surface mined as well as underground mined. The Herrin Coal is quite thick in this area, in some rare cases up to 14 feet, but more commonly 8 to 10 feet. The roof was typically the Energy Shale, 40 feet or more thick. This massive, sandy shale created roof problems for many mines. Top coal was often left to help support the roof, although that was sometimes mined on retreat from the rooms. The Cottage Grove Fault System and the White Ash Fault Zone both had an impact on mining in the quadrangle, but as the accompanying map shows, these faults did not prevent mining. Various geologic problems such as coal balls, rolls, and slips in the seam caused problems, but few prevented mining.

PART I EXPLANATION OF MAP AND MINE SUMMARY SHEET

INTERPRETING THE MAP

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

Mine Type and Mining Method

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

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

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

Room and Pillar - mining is divided into six categories:

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

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

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

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

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

SOURCE MAPS

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

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

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

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

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

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

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

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

POINTS AND LABELS

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

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

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



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



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



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

INTERPRETING A MINE SUMMARY SHEET

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

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

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

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

SHAFT, SLOPE, DRIFT OR TIPPLE LOCATIONS

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

GEOLOGY

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

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

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

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

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

PRODUCTION HISTORY

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

SOURCE OF DATA

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

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

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

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

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

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

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

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

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

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

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

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

REFERENCES

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

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

PART II DIRECTORY OF MINES IN THE JOHNSTON CITY QUADRANGLE

MINE SUMMARY SHEETS

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

Mine Index 59

Old Ben Coal Corporation, Old Ben No. 17 Mine

Type: Underground Total mined-out acreage shown: 1,201

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	Williamson	8S 2E	24	SW NE NW
Air shaft	Williamson	8S 2E	24	SW NE NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	208-300	7.0	9.0	8.5	RPP, HER *

* Many pillars were drawn on the east side of the mine; this resulted in surface subsidence a month later. (One death resulted from a roof fall while pulling pillars in 1915.)

Geologic Problems Reported: A large fault was noted 2200 feet west of the shaft. This made a "hill" where the floor was 77 feet higher than at the shaft. Faults were also noted on the source map in the southwestern part of the mine. The west side was downthrown 40 feet and halted westward expansion. The roof was gray shale over much of the mine, with black shale and limestone comprising the roof over the eastern part of the mine. 300 feet east of the shaft, a gray shale lens was present (200 feet long and 2 feet wide) that split the coal in two benches, with 75% of the coal below the lens and 25% above. Rolls were present but infrequent, in one case cutting out half the coal seam for a 20-foot length. Some calcareous concretions were present, but their effect on mining was not noted. Some gas was noted; gas explosions in 1909, 1912, and 1920 resulted in three deaths. The floor was underclay varying in thickness from 0 to 4 feet. It was thicker in the east part of the mine, under the black shale and limestone roof.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Johnston City & Big Muddy Coal Company	Johnston City & Big Muddy No. 1	1902-1907	626,296
Johnston City Coal Company	Johnston City No. 1	1907-1917	4,950,073
Johnston City-Big Muddy Coal Mining Co.	Johnston City-Big Muddy No. 1	1917-1919	1,205,234
Old Ben Coal Corporation	Old Ben No. 17	1919-1923	<u>1,024,643</u>
			7,806,246

Last reported production: March 1923

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Company, Old Ben Archive Collection	1-14-1928	1:2400	1:2400	Final

Annotated Bibliography (data source, brief description of information)

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

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

Mine notes (Williamson County) - Mine type, shaft location, seam, thickness, geologic problems.

Company map, Old Ben Coal Company Archive Collection - Shaft locations, mine outline, mining method, geologic problems.

Microfilm map, document 353183, reel 03142, frame 80 - Geologic problem (fault in southwest).

Mine Index 60**Peabody Coal Company, Peabody No. 3 Mine**

Type: Underground Total mined-out acreage shown: 2,019 with a 22-acre general area of mining (some of which has been truncated by later surface mining); connected underground to Peabody No. 1 (mine index 4026) and Peabody No. 2 (mine index 4028). Boundaries between the mines could not be differentiated.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft (10 x 17.75 ft)	Williamson	9S 2E	1	SW SW NW
Air shaft	Williamson	9S 2E	1	NW NW SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	116		11.0	7.0-9.0	MRP

Geologic Problems Reported: The roof was generally gray shale, requiring 1.5 to 2 feet of top coal for support. In some areas, the roof was black shale and/or limestone. The source map showed caved areas in the southeast tip of the mine. Many small unmined areas within the mine showed that geologic problems of some kind hindered mining, but these were not labeled on the source map.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Southern Illinois Coal Mng. & Washing Co.	Southern Illinois No. 3	1900-1904	488,673
Peabody Coal Company	Peabody No. 3	1904-1929	<u>10,547,879</u> 11,036,552

Last reported production: March 1929

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Company, 4103.W52 i5.1-143	8-4-1932	1:2400	1:2400	Final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, thickness.
 Directory of Illinois Coal Mines (Williamson County) - Mine names, mine index, ownership, years of operation.
 Mine notes (Williamson County) - Mine type, shaft locations, seam, depth, thickness, geologic problems.
 Company map, ISGS map library, 4103.W52 i5.1-143 - Shaft locations, mine outline, mining method, geologic problems.

Mine Index 61**Seymour Coal Mining Corporation, Freeman Spur Mine**

Type: Underground Total mined-out acreage shown: 2,457 (2,453 in Herrin Coal, 6 in Springfield Coal)

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	Williamson	8S 2E	22	SW SE SW
Air shaft	Williamson	8S 2E	22	SW SE SW
Slope (blind)	Williamson	8S 2E	22	SW SE SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	143	7.0	10.0	8.0-9.0	RPP, HER *
Springfield					MRP

* ISGS mine notes indicated that pillars were drawn where possible.

Geologic Problems Reported: The Cottage Grove Fault System runs through the northeastern workings, with two northwest-trending faults. Several small faults were reported, and a large fault was reported 300 feet west of the shaft. This fault has 20 feet of displacement with the downthrown side to the west. The source map showed portions of the mine where faulting, bad top and water were problems (along the west side of the mine in the north half 22-T8S-R2E and along the east side of the mine in SW 14-T8S-R2E). The roof was a massive gray shale, that required the upper 18 to 24 inches of coal left to support the roof in the entries, but the top coal was generally mined in the rooms. The roof was treacherous where the top coal was taken down. Coal stringers extended up into the roof, and this also caused roof falls. Roof rolls were frequent. The coal bed contained local dips and hills, some affecting coal thickness.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Carterville & Herrin Coal Company	Jeffrey	1904-1916	1,372,499
Pratt Brothers Coal Company	Jeffrey	1916-1928	4,933,173
Carterville & Herrin Coal Company	Jeffrey	1929-1932 **	1,082,260
Seymour Coal Mining Corporation	Freeman Spur	1933-1952	9,740,120
			17,128,052

** Idle 1932

Last reported production: June 1952

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 351447	7-12-1952	1:2400	1:2483	Final
Microfilm, document 353148	9-1929	1:2400	1:2483	Not final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

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

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

Microfilm map, document 351447, reel 03136, frames 137-140 - Shaft locations, mine outline (Herrin seam), mining method, geologic problems.

Microfilm map, document 353148, reel 03142, frame 27 - Slope location, mine outline (Springfield seam).

Catalog of Coal Mines in Williamson County, W. John Nelson, 2003 - Geologic problems.

Mine Index 65

Chicago & Big Muddy Coal & Coke Company, Big Muddy No. 1 Mine

Type: Underground Total mined-out acreage shown: 565 The area shown designates more than the area mined prior to the company map, since the outline on the incomplete secondary source map is undated. Production from this mine indicates that the mine should be about 650 acres. Some of this area may have been surface-mined at a later date.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft (9 x 13 ft)	Williamson	9S 2E	2	SE NW NW
Air shaft	Williamson	9S 2E	2	SE NW NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	103	7.0	10.0	8.0	RP

Geologic Problems Reported: Two faults were shown on the company map, as was an area with sandstone roof. The sandstone roof was designated where mining did not occur, which indicates that the problems associated with this feature preventing economic mining. The roof material was generally 30 feet of massive gray shale, with 2 feet of sandstone below it noted at one location. This necessitated leaving 0.5 to 2 feet of top coal to support the roof, so that commonly only 7.5 feet of coal was mined. Pyrite bands of 0.5 to 0.75 inch thickness were noted in the samples taken.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Chicago & Big Muddy Coal & Coke Co.	Big Muddy No. 1	1900-1908	1,002,692
Chicago & Big Muddy Coal & Coke Co.	Big Muddy No. 1	1908-1925	<u>3,634,203</u> *
			4,636,895

* Production after map date

Last reported production: March 1925

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Company, 4103.W52 i5.1-154	4-1-1908	1:6000	1:6000	Not final
ISGS map library, 4103.W52 i5.1-143	8-4-1932	1:2400	1:2400	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

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

Mine notes (Williamson County) - Mine type, shaft location, seam, depth, thickness, geological problems.

Company map, ISGS Map Library, 4103.W52 i5.1-154 - Shaft locations, mine outline, mining method, geologic problems.

ISGS map library, 4103.W52 i5.1-143, map of Peabody No. 3 Mine (mine index 60) - Mine outline (east & north).

Mine Index 143**Old Ben Coal Corporation, Old Ben No. 8 Mine**

Type: Underground Total mined-out acreage shown: 4,270

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft (10 x 18 ft)	Franklin	7S 2E	25	625 FNL, 200 FEL
Air shaft (9 x 16 ft)	Franklin	7S 2E	25	NW NE NE
Auxiliary shaft	Franklin	7S 3E	31	NW SW NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	440-472			8.5-10.0	RPP *

* Some areas of HER are shown on the source map; room pillars and some barrier pillars were removed in various parts of the mine.

Geologic Problems Reported: Gas explosions killed 36 men in four accidents in this mine between 1921 and 1947. The main roof was massive shale that fell readily. Generally 18 to 24 inches of top coal was left to protect the roof. Only one fault was noted in the northern part of the mine, with a throw of a few inches, and a few small slips were reported. The source map showed northwest-southeast trending faults in the southern part of the mine. Throw on these faults was commonly 1 foot, so they did not greatly interfere with the mining pattern, but some faults had throws of up to 9 feet, which resulted in some areas being inaccessible such that the coal was not mined. The underclay was soft and heaved readily.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Wilmington Star Mining Company	Wilmington Star No. 8	1910-1911	39,946
Ohio Valley Mining Company	Ohio Valley	1911-1913	814,304
Old Ben Coal Corporation	Old Ben No. 8	1913-1952	<u>30,930,704</u> 31,784,954

Last reported production: February 1952

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Company, Old Ben Archive Collection	2-27-1952	1:4591	1:4591	Final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, shaft sizes, depth, thickness, geologic problems.
 Directory of Illinois Coal Mines (Franklin County) - Mine names, mine index, ownership, years of operation.
 Mine notes (Franklin County) - Mine type, shaft locations, seam, depth, geologic problems.
 Company map, Old Ben Archive Collection - Mine outline, shaft locations, mining method, geologic problems.

Mine Index 148
Consolidated Coal Company of St. Louis, Lake Creek Mine

Type: Underground Total mined-out acreage shown: 761

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft (10 x 14 ft)	Williamson	8S 3E	18	NW SW NE
Air shaft (9 x 13 ft)	Williamson	8S 3E	18	NE SW NE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	313	7.0	11.0	7.17-10.0	RPP

Geologic Problems Reported: Fire caused by gas in the entry killed one man in 1906. In 1914 gas caused a fire that left no fatalities but necessitated walling off a portion of the mine to smother the fire. The source map shows a pattern of mining indicative of northwest-southeast trending faults through the center of the mine, although these areas were not labeled as such on the map. The roof was gray shale, with no problems reported. The top 2 feet of the coal was soft and left whenever possible. Some charcoal lenses were present in the coal, as well as pyrite stringers. Some faults cut the coal (both normal and reverse), with offsets of several feet. The largest offset was 37 feet. The floor was claystone up to 4 feet thick, which was softer and more prone to heaving in the eastern part of the mine.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Lake Creek Coal Company	Lake Creek	1905-1910 *	3,000
Big Muddy Consolidated Coal Company	Big Muddy No. 1	1910-1912 **	6,055
Consolidated Coal Company of St. Louis	Lake Creek	1912-1928	5,685,164
			5,694,219

* Idle 1907-1910

** Idle 1912

Last reported production: December 1928

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 353126	7-1-1929	1:2400	1:4303	Final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, geologic problems.
 Directory of Illinois Coal Mines (Williamson County) - Mine names, mine index, ownership, years of operation.
 Mine notes (Williamson County) - Mine type, shaft location, seam, depth, thickness, geologic problems.
 Microfilm map, document 353126, reel 03141, frames 356-359 - Shaft locations, mine outline, mining method.
 Catalog of Coal Mines in Williamson County, W. John Nelson, 2003 - Geologic problems.

Mine Index 149
Crear-Clinch Coal Company, McClintock Mine

Type: Underground Total mined-out acreage shown: 711

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft (9 x 14 ft)	Williamson	8S 3E	19	NE SW NE
Air shaft	Williamson	8S 3E	19	NE SW NE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	261	7.5	9.0	8.17	RPP, HER *

* Stippling that marks pillar extraction appears over most of the mine.

Geologic Problems Reported: A 1924 gas explosion killed 33 men. The source map shows a fault in the northeastern part of the mine. Many unmined areas may indicate faulting or other geologic problems. The roof was a soft gray shale that required timbering. Top coal was left to support the roof, but it was soft and often fell. Numerous "charcoal" (fusain) lenses were present throughout the coal, as well as pyrite stringers and lenses. Slips were also present throughout the coal. The source map shows two areas where squeezes apparently limited mining, both in the center of the southernmost portion of the mine (SE SE 19-T8S-R3E).

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Johnston City & St. Louis Coal Company	Johnston City & St. Louis No. 1	1907-1908	5,712
Standard Colliery Company	Standard No. 2	1908-1911	123,612
Standard Colliery Company	McClintock	1911-1915	954,187
Searls Coal Company	McClintock	1915-1923	2,999,738
Crear-Clinch Coal Company	McClintock	1923-1927 **	846,430
			4,929,679

** Reported idle 1928-1931, but never reopened

Last reported production: March 1927

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 353213	6-1-1927	1:2400	1:4800	Final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, geologic problems.
 Directory of Illinois Coal Mines (Williamson County) - Mine names, mine index, ownership, years of operation.
 Mine notes (Williamson County) - Mine type, shaft location, seam, depth, thickness, geologic problems.
 Microfilm map, document 353213, reel 03142, frames 132 & 133 - Shaft locations, mine outline, mining method, geologic problems.

Mine Index 150

Johnston City Washed Coal Company, White Ash Mine

Type: Underground Total mined-out acreage shown: 377 The outline shown on the accompanying map shows the White Ash Mine contiguous to the Slogo Mine (mine index 151) and Carterville No. 6 Mine (mine index 323). The boundaries between these mines may be approximate; the area shown is approximately what would have been mined by the combined production of the three mines. In addition, a general area of mining designates an area that could have been mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	Williamson	8S 3E	31	SE NE NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	98-107	4.0	9.0	7.0-7.5	RP

Geologic Problems Reported: A normal fault with 15 feet of displacement (downthrown side to the northwest) was encountered 1500 feet east of the shaft bottom. A fault was found in the northeastern part of the mine and this fault allowed water to enter the mine. In some places the roof was limestone, which made for easy mining, but in other areas, the roof was "draw slate", a gray shale that tended to come down. The top coal was usually left to support the roof. In some areas the roof was black shale that contained coal balls. Rolls were present. Pyrite and calcite stringers were present throughout the coal. The floor heaved badly when wet.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Johnston City Washed Coal Company	White Ash	1916-1924	<u>1,768,934</u> 1,768,934

Last reported production: June 1924

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS map library, 4103.W52 i5.1-189	8-11-1934	1:63360	1:63360	Secondary source
ISGS map library, 4103.W52 i5.1-137	3-23-1929	1:2400	1:2400	Secondary source
Coal Section files, 6-429	5-15-1987	1:24000	1:24000	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, mining method.
Directory of Illinois Coal Mines (Williamson County) - Mine names, mine index, ownership, years of operation.
Mine notes (Williamson County) - Mine type, shaft location, seam, depth, thickness, geologic problems.
Composite map from J. C. Quade field notes, ISGS map library, 4103.W52 i5.1-189 - Shaft location, mine outline.
ISGS map library, 4103.W52 i5.1-137, map of Peabody No. 26 Mine (mine index 157) - Mine outline (northwest).
Coal Section files, 6-429, map of Orient No. 4 Mine (mine index 688) - Mine outline (eastern).
Catalog of Coal Mines in Williamson County, W. John Nelson, 2003 - Geologic problems.

Mine Index 151
Slogo Coal Corporation, Slogo Mine

Type: Underground Total mined-out acreage shown: 132 The outline shown on the accompanying map shows the White Ash Mine contiguous to the White Ash Mine (mine index 150) and Carterville No. 6 Mine (mine index 323). The boundaries between these mines may be approximate; the area shown is approximately what would have been mined by the combined production of the three mines. In addition, a general area of mining designates an area that could have been mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	Williamson	8S 3E	32	NE NW SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	142		8.0	6.0-7.0	RP

Geologic Problems Reported: The roof was gray shale. The coal contained pyrite in lenses and stringers, calcite and gypsum fracture fillings, and some thin charcoal lenses throughout the seam.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Carterville District Coal Company	Carterville District No. 1	1909-1912	620,871
Illinois Hocking Washed Coal Company	Illinois Hocking	1912-1913	201,250
Slogo Coal Corporation *	Slogo	1917-1927 **	765,647
			1,587,768

* The Coal Section mine notes indicate that Lumaghi Brothers owned or operated Slogo Coal Company. The mine was also known under several names, such as Black Briar No. 1 Mine, White Ash Mine, and Goddard Mine.

** Reported abandoned in 1913, reopened in 1917; idle 1925

Last reported production: March 1927

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Composite, 4103.W52 i5.1-189	8-11-1934	1:63360	1:63360	Secondary source
ISGS map library, 4103.W52 i5.1-125	3-2-1952	1:2400	1:2400	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, mining method.
 Directory of Illinois Coal Mines (Williamson County) - Mine names, mine index, ownership, years of operation.
 Mine notes (Williamson County) - Mine type, shaft location, seam, depth, thickness, geologic problems.
 Composite map from J. C. Quade field notes, ISGS map library, 4103.W52 i5.1-189 - Shaft location, mine outline.
 ISGS map library, 4103.W52 i5.1-125, map of Schull & Moake (mine index 4042) - Mine outline (south & east).

Mine Index 154**Franco Mining Corporation, Franco No. 1 Mine**

Type: Underground Total mined-out acreage shown: 930 Production indicates approximately 2 acres were mined after the map date.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	Williamson	8S 2E	11	NW NW SE
Air shaft	Williamson	8S 2E	11	NW NW SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	234-236	8.0	13.0	8.0-9.83	RPP, HER

Geologic Problems Reported: A fault was shown on the mine map in the northeast portion of the mine that halted further mine expansion in that direction. A less-disruptive fault was also shown in the southwestern corner of the mine. An area in the northwestern corner of the mine squeezed. A 1927 gas explosion killed 7 men. In the southwestern part of the mine, a roof fall has produced an area of 4-foot subsidence on the surface. The roof was a medium hard, light gray shale, irregularly bedded, and very difficult to keep up. At times, no coal was left to support the roof, and roof falls were common, making the roof shale an important impurity in the product. At other times (1917 Coal Report, p. 275), 2 feet of top coal was left to support the roof, but this was recovered on retreat, along with pillar extraction. Pillar extraction was common in 1917 and 1918, but its extent throughout the mine is unknown. A few minor rolls and many slips were present, but there was no displacement of the coal, so these had a minor effect on mining. The coal had a clay parting and clay and stony pyrite laminae. Some pyrite was impregnated in the coal, and a vertical network of veinlets and rare or sporadic small stony lenses (0.25 by 2 inches). Sometimes bottom coal was left in the rooms.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Cambria Coal Company	Cambria	1915-1916	32,120
Ernest Coal Company	Franco No. 1	1916-1922	1,731,379
Cosgrove-Meehan Coal Company	Franco No. 1	1922-1933	5,129,770
Franco Mining Corporation	Franco No. 1	1934-1938	1,248,022
Franco Mining Corporation	Franco No. 1	1938-1938	14,145 *
			8,155,436

* Production after map date

Last reported production: June 1938

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Company, 4103.W52 i5.1-84	5-15-1938	1:2400	1:2400	Not final

Annotated Bibliography (data source, brief description of information)

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

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

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

Company map, ISGS map library, 4103.W52 i5.1-84 - Shaft locations, mine outline, mining method, geologic problems.

Mine Index 155**Old Ben Coal Corporation, Old Ben No. 18 Mine**

Type: Underground Total mined-out acreage shown: 940

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	Williamson	8S 2E	12	SE SE SW
Air / escape shaft	Williamson	8S 2E	12	NE SE SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	261-270	7.0	11.0	9.0-10.0	RPP, some HER

Geologic Problems Reported: The mine map shows faults cutting through the northern half of the mine. A fault was noted 4000 feet from the bottom of the shaft; its displacement was from 3 to 32 feet, upthrown on the eastern side. The coal was shattered near the fault and many slips parallel to the fault were present. The light gray sandy shale roof (up to 40 feet thick) was full of slips and tended to come down without warning. Generally the roof held better in the east-west entries than in the north-south entries. Top coal was left to support the roof where possible, but sometimes the coal was too thin and did not provide adequate support. The coal bed had swags, and in one case the coal dropped 6 feet for a distance of 300 feet but remained full thickness. Pyrite and calcite stringers were present in fractures and as fillings, throughout the mine and the full thickness of the coal. The floor clay varied from 6 inches to 4 feet thick, and heaved when wet. In some places, however, the underclay was a dark gray fireclay that made excellent floor.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Johnston City-Big Muddy Coal & Mining Co.	Johnston City & Big Muddy No. 2	1917-1919	513,589
Old Ben Coal Corporation	Old Ben No. 18	1919-1935	<u>7,107,058</u>
			7,620,647

Last reported production: December 1935

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Company, Old Ben Archive Collection	7-1-1936	1:2400	1:2400	Final
Microfilm, document 353105	12-31-1935	1:2400	1:5628	Final
Microfilm, document 353106	7-5-1935	1:2400	1:5628	Not final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.
 Directory of Illinois Coal Mines (Williamson County) - Mine names, mine index, ownership, years of operation.
 Mine notes (Williamson County) - Mine type, shaft locations, seam, depth, thickness, geologic problems.
 Company map, Old Ben Coal Company Archive Collection - Mine outline (south), shaft locations, mining method, geologic problems.
 Microfilm map, document 353105, reel 03141, frames 318, 320, 321 - Shaft locations, mine outline (north), mining method, geologic problems.
 Microfilm map, document 353106, reel 03141, frame 323 - Mine outline (northeast).

Mine Index 156**Chicago, Wilmington & Franklin Mining Company, B Mine**

Type: Underground Total mined-out acreage shown: 397 Production indicates approximately 10 acres were mined after the map date.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	Williamson	8S 2E	17	SW NW NE
Air shaft	Williamson	8S 2E	17	SW NW NE
Shaft (possible)	Williamson	8S 2E	8	NE SE SW *

* The source map is not very clear; there is a definite mark on the source map at this location and a configuration of entries that could very well indicate a shaft at this location.

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	236-248	7.0	11.0	9.0-10.0	RPP

Geologic Problems Reported: A gas explosion killed one man in 1911. A V-shaped block fault trending northwest-southeast was downthrown 3 feet on the western side. The coal and roof shale were shattered near the fault. Another fault was noted 200 feet north of the shaft with its the southwestern side upthrown 21 feet. The roof was "white top", a light gray sandy shale that was soft, massive, and did not hold up well. Two feet of top coal was left to support the roof and timbering was also necessary. Rolls and faults were present in the mine. One roll was noted 1000 feet east of the bottom of the shaft. Pyrite stringers were present in the center of the seam in the northeast portion of the mine. The mine had very little water, and the underclay heaved very little.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Chicago & Carterville Coal Company	B	1906-1917	1,511,881
Chicago, Wilmington & Franklin Mng. Co.	B	1917-1923	1,432,797
Chicago, Wilmington & Franklin Mng. Co.	B	1923-1923	70,831 **
			3,015,509

** Production after map date

Last reported production: April 1923

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Company, 4103.W52 i5.1-12	1-1-1923	1:2400	1:4950	Not final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, geologic problems.
 Directory of Illinois Coal Mines (Williamson County) - Mine names, mine index, ownership, years of operation.
 Mine notes (Williamson County) - Mine type, shaft location, seam, depth, thickness, geologic problems.
 Company map, ISGS map library, 4103.W52 i5.1-12 - Shaft locations, mine outline, mining method.

Mine Index 157

Peabody Coal Company, Peabody No. 26 Mine

Type: Underground Total mined-out acreage shown: 925 Production indicates approximately 27 acres were mined after the map date. This mine is connected underground in numerous places to the workings of the Oak Ridge Mine (mine index 322), in the northwest part of Peabody No. 26 Mine.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft (9 x 13 ft)	Williamson	8S 2E	25	NW NE SE
Air shaft	Williamson	8S 2E	25	NW NE SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	125	6.0	9.0	8.0	MRP

Geologic Problems Reported: The northern part of the mine had northwest trending faults of the Cottage Grove Fault System and north-northwest-trending high-angle normal faults of the White Ash Fault Zone in the western part of the mine. The roof was a massive gray shale over the entire mine, ranging from 2 inches to over 10 feet. In the eastern part of the mine, it ranged from 2 to 36 inches and came down readily. Where possible, 1 to 2 feet of coal were left to support the roof. The upper surface of the coal was very irregular. There were many slips in the roof, which allowed much water to come into the mine. Some slips and rolls were present in the coal. Slips also necessitated timbering. One roll came down into the coal 2 feet and was 50 feet long. The coal remained full thickness. Pyrite lenses and stringers, and calcite and gypsum fracture fillings were present in the coal. The floor was 2 inches to 4 feet of hard brittle dark gray shale. Where this clay shale was thick and the rooms were cut too wide, the floor tended to heave if it became wet, or else the roof came down.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
New Virginia Coal Company	New Virginia No. 1	1901-1906	545,221
Consumer's Coal Company	Consumers No. 1	1906-1909 *	148,442
Big Muddy Fuel Company	New Virginia No. 26	1909-1920	2,192,177
Big Muddy Coal Company	Big Muddy No. 26	1920-1927	2,916,108
Peabody Coal Company	Peabody No. 26	1928-1929	269,354
Peabody Coal Company	Peabody No. 26	1929-1929 **	181,629 ***
			6,252,931

* Idle 1909

** Reported idle 1930-1933, but never reopened

*** Production after map date

Last reported production: December 1929

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Company, 4103.W52 i5.1-137	3-23-1929	1:2400	1:2400	Not final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, shaft size (1901).

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

Mine notes (Williamson County) - Mine type, shaft & air shaft locations, seam, depth, thickness, geologic problems.

Company map, ISGS map library, 4103.W52 i5.1-137 - Shaft location, mine outline, mining method.

Catalog of Coal Mines in Williamson County, W. John Nelson, 2003 - Geologic problems.

Mine Index 160
Skaggs Coal Company, Skaggs Mine

Type: Underground Total mined-out acreage shown: 427 (280 in Herrin Coal, 147 in Springfield Coal)
 Production indicates approximately 95 acres were mined in the Herrin Coal after the map date. Some of this acreage may be included in the polygon for mine index 882, Energy Mine.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft (7 x 14 ft)	Williamson	8S 2E	34	NW SE SE
Air shaft	Williamson	8S 2E	34	SW NE SE
Blind shaft	Williamson	8S 2E	34	NE SW SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin (1905-1925)	62-80	7.5	9.5	8.5-9.0	MRP
Springfield (1926-1931)	109-115			3.67-4.0	RP

Geologic Problems Reported: The Herrin Coal dipped to the north and became 40 feet deeper than at the shaft. The roof was 2 to 20 feet of shale, which was often difficult to keep up. The eastern and northeastern parts of the mine had roof falls propagate to the surface, creating sinkholes. The Herrin Coal contained a few slips, and joints were filled with pyrite. The slips had little displacement, but hindered mining by altering the grades of the haulage routes. The floor clay was 18 to 24 inches thick and was plastic, but reports indicate the clay did not heave. It often contained coal balls.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Watson Coal Company	Watson No. 2	1905-1916	483,715
Ridge Coal Mining Company	Ridge No. 2	1916-1921	436,934
Sincerity Coal Company	Sincerity	1921-1927	783,649 *
LaClede Coal Mining Corporation	LaClede	1928-1928	10,287
Sincerity Bituminous Coal Company	Sincerity	1929-1929	115,285
Skaggs Coal Company	Skaggs	1930-1931	116,841
			1,946,711

* Production after map date; however, some of this tonnage (after 1925) was produced from the Springfield Coal, which has a separate map.

Last reported production: January 1931 (reported idle through 1938)

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 353276	7-30-1922	1:2400	1:3972	Not final
ISGS map library, 4103.W52 i5.1-189	8-11-1934	1:63360	1:63360	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, seams, depth, thickness, mining method.
 Directory of Illinois Coal Mines (Williamson County) - Mine names, mine index, ownership, years of operation.
 Mine notes (Williamson County) - Mine type, shaft location, seams, depth, thickness, geologic problems.
 Microfilm map, document 353276, reel 03142, frame 220 - Shaft locations, mine outline (northern), mining method.
 Composite map from J. C. Quade field notes, ISGS map library, 4103.W52 i5.1-189 - Shaft location, mine outline.

Mine Index 169
West Virginia Coal Company, West Virginia No. 1 Mine

Type: Underground Total mined-out acreage shown: 633

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft (9.5 x 15 ft)	Williamson	9S 3E	5	NW SW NE
Air shaft (7.5 x 11.5 ft)	Williamson	9S 3E	5	NW SW NE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	108	5.5	8.5	6.5-7.0	RP

Geologic Problems Reported: The roof was black or gray shale. A few slips were present in the roof and coal, which did not affect the mining but required timbering. There were also some veins of pyrite and calcium and gypsum throughout the mine. In some locations the roof was limestone, and the coal was thinner in these locations. The coal was much thicker under gray shale roof, and it held up fairly well, but rolls with coal stringers were present under the gray shale. The normal roof was the black shale. The coal bed was very irregular. "Charcoal" (fusain) lenses and clay partings were present, but not persistent. The coal was fairly clean, with some thin gray shale lenses (rarely ½ inch thick), as well as some pyritic lenses (rarely over ¼ inch thick). The underclay floor was a plastic gray shale that heaved badly. Some rooms became unminable because of heaving.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
West Virginia Coal Company	West Virginia No. 1, Ideal	1907-1925	<u>3,847,093</u> 3,847,093

Last reported production: 1925 (July to December)

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 353252	10-10-1925	1:2400	1:4965	Final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, seam, depth, thickness, mining method, shaft sizes.
 Directory of Illinois Coal Mines (Williamson County) - Mine names, mine index, ownership, years of operation.
 Mine notes (Williamson County) - Mine type, shaft locations, seam, depth, thickness, geologic problems.
 Microfilm map, document 353252, reel 03142, frame 193 - Shaft locations, mine outline, mining method.

Mine Index 170**W. N. Stroud, Stroud Mine**

Type: Surface Total mined-out acreage shown: This mine is part of a large surface-mined area. The production indicates that about 5 acres would have been mined by Stroud.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Pit	Williamson	9S 3E	6	NW SW SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	22			8.0-8.375	Surface

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
W. N. Stroud	Stroud	1921-1939 *	<u>37,333</u> 37,333

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

Last reported production: 1939

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS map library, 4103.W52 i5.1-189	8-11-1934	1:63360	1:63360	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

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

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

Composite map from J. C. Quade field notes, ISGS map library, 4103.W52 i5.1-189 - Mine location, mine outline.

Mine Index 171
Brown & Ingram, Binkley 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	Williamson	9S 3E	6	SE SE SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	20			8.0	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Brown & Ingram *	Binkley	1919-1921	<u>3,034</u> 3,034

* Listed in the ISGS mine notes as George Brown

Last reported production: 1921

SOURCES OF DATA

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

** Point plotted onto 1:24,000 USGS topographic map and digitized.

Annotated Bibliography (data source, brief description of information)

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

Mine Index 172**John W. Spiller, Spiller Mine**

Type: Surface Total mined-out acreage shown: None Production indicates approximately 6 acres were mined. This mine is shown as part of a larger surface-mined area.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Tipple / pit	Williamson	9S 3E	6	SW SW SE

GEOLOGY

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

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Spiller Brothers	Spiller	1919-1922 *	9,500
John W. Spiller	Spiller	1922-1930	47,049
			56,549

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

Last reported production: 1930

SOURCES OF DATA

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

** Point plotted onto 1:24,000 USGS topographic map and digitized.

Annotated Bibliography (data source, brief description of information)

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

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

Mine Index 173**Henderson & Wallace Coal Company, Henderson & Wallace No. 1 Mine**

Type: Underground Total mined-out acreage shown: 320 This includes the area for mine index 4061, Old Bruce Mine (formerly Henderson & Wallace No. 2 Mine).

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	Williamson	9S 3E	8	SW SW NE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	65-67	5.0	8.3 *	6.5	RP

* Maximum thickness not specifically stated, but samples were taken from areas where the total thickness ranged from 7.0 to 8.3 feet.

Geologic Problems Reported: The northern part of the mine had good limestone roof, but the floor was 4 to 5 feet of claystone that heaved only a little. Elsewhere, the roof was gray shale and tended to fall badly when it was thick. Even this poor roof thinned to the south, nearing the subcrop, and prevented further mine expansion southward. Water entered the mine from surface gravels. The center part of the seam contained many shaly partings. Some pyrite and calcite or gypsum was present in vertical streaks. Some small local faults occurred in the coal. A roll forced the coal down 3 feet. In one location, boulder-sized concretions made mining impossible. The concretions were finely crystalline calcite and ranged from 1 to 3 feet in diameter.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Henderson & Wallace Coal Company	Henderson & Wallace No. 1	1917-1924	1,102,890 1,102,890

Last reported production: March 1924

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS map library, 4103.W52 i5.1-189	8-11-1934	1:63360	1:63360	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, mining method.
 Directory of Illinois Coal Mines (Williamson County) - Mine names, mine index, ownership, years of operation.
 Mine notes (Williamson County) - Mine type, shaft location, seam, depth, thickness, geologic problems.
 Composite map from J. C. Quade field notes, ISGS map library, 4103.W52 i5.1-189 - Shaft location, mine outline.
 Catalog of Coal Mines in Williamson County, W. John Nelson, 2003 - Geologic problems.

Mine Index 321**Cosgrove-Meehan Coal Company, Cosgrove-Meehan No. 2 Mine**

Type: Underground Total mined-out acreage shown: 254

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft (9.5 x 15 ft)	Williamson	8S 3E	34	NW NW SE
Air shaft (9 x 14 ft)	Williamson	8S 3E	34	SW SW NE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	216			6.5-8.0	RPP, some HER

Geologic Problems Reported: The roof varied between black and gray shale. The gray shale made a poor roof.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Colp Coal Company	Colp	1908-1909	24,854
Pittsburg & Big Muddy Coal Company	Pittsburg & Big Muddy No. 1	1909-1911	16,600
Pittsburg & Big Muddy Coal Company	Pittsburg & Big Muddy No. 2	1911-1917 *	73,759
Marion & Pittsburg Coal Company	Marion & Pittsburg No. 2	1917-1921	502,799
Ernest Coal Company	Ernest No. 2	1921-1922	88,213
Cosgrove-Meehan Coal Company	Cosgrove-Meehan No. 2	1922-1929 **	788,187
			1,494,412

* Idle 1914-1917

** Idle 1925

Last reported production: March 1929

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 353186	1-1930	1:2400	1:4634	Final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, shaft sizes.

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

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

Microfilm map, document 353186, reel 03142, frames 90-91 - Shaft locations, mine outline, mining method.

Mine Index 322**Southern Illinois Coal & Coke Company, Oak Ridge Mine**

Type: Underground Total mined-out acreage shown: 170

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	Williamson	8S 2E	23	SE SE SW
Air shaft	Williamson	8S 2E	23	SW SW SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	133-142			9.0-11.75	RPP

Geologic Problems Reported: Four faults were observed, with a maximum displacement of 28 feet. The underclay was 6 to 7 feet thick, but no information was available on whether this caused difficulties in mining.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Johnston City & Carterville Coal Company	Oak Ridge	1905-1907	88,779
Big Muddy River Consolidated Coal Co.	Oak Ridge	1907-1908	62,794
Southern Illinois Coal & Coke Company	Oak Ridge	1908-1914	<u>1,028,718</u>
			1,180,291

Last reported production: March 1914

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS map library, 4103.W52 i5.1-137	3-23-1929	1:2400	1:2400	Secondary source
Microfilm, document 351447	7-12-1952	1:2400	1:2483	Secondary source
Coal Section files, 10-11-03	5-26-1913	1:2400	1:2400	Not final

Annotated Bibliography (data source, brief description of information)

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

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

Mine notes (Williamson County) - Mine type, shaft locations, seam, depth, thickness, geologic problems.

ISGS map library, 4103.W52 i5.1-137, map of Peabody No. 26 (mine index 157) - Mine outline, mining method.

Microfilm, document 351447, reel 03136, frames 137-140, map of Seymour Mine (mine index 61) - Mine outline, (western).

Coal Section files, 10-11-03 - Mine outline (southwestern), shaft locations, mining method.

Mine Index 323**Carterville District Coal Company, Carterville District No. 6 Mine**

Type: Underground Total mined-out acreage shown: 236 The outline shown on the accompanying map shows the White Ash Mine contiguous to the White Ash Mine (mine index 150) and the Slogo Mine (mine index 151). The boundaries between these mines may be approximate; the area shown is approximately what would have been mined by the combined production of the three mines. In addition, a general area of mining designates an area that could have been mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	Williamson	8S 2E	36	NW SE NE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	102	8.0	9.5	8.0-9.0	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Carterville District Coal Company	Carterville District No. 6	1902-1908	893,644 893,644

Last reported production: 1908

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS map library, 4103.W52 i5.1-189	8-11-1934	1:63360	1:63360	Secondary source
ISGS map library, 4103.W52 i5.1-137	3-23-1929	1:2400	1:2400	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

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

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

Composite map from J. C. Quade field notes, ISGS map library, 4103.W52 i5.1-189 - Shaft location, mine outline.

ISGS map library, 4103.W52 i5.1-137, map of Peabody No. 26 (mine index 157) - Mine outline (north).

Mine Index 421
Franklin County Coal Corporation, Energy No. 5 Mine

Type: Underground Total mined-out acreage shown: 2,669

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft (9.5 x 16 ft)	Franklin	7S 2E	33	NW SW SW
Air shaft	Franklin	7S 2E	32	610 FSL, 360 FEL

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	339			10.0 (8.0-12.5)	RPP

Geologic Problems Reported: Gas may have been a problem, as one man was killed by an explosion. The roof was a gray sandy shale that was soft and full of slips. Top coal was generally left to protect and support the roof; this top coal was recovered on retreat. The seam was very hilly. Grades of 8% were common. A northwest-southeast trending cutout was present at the shaft bottom. A fault with 27 feet of throw and a 10 foot gouge zone was present, part of the Cottage Grove Fault System. There were very few impurities in the seam. Only a few faces of calcite were observed. The underclay did not heave much.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Southern Illinois Coal & Coke Company	Possum Ridge	1909-1914	724,785
Taylor Mining Company	Possum Ridge	1914-1916	384,334
Taylor Coal Corporation	Taylor No. 5	1916-1923	2,163,289
Franklin County Coal Corporation	Energy No. 5	1923-1950	16,206,395
			19,478,803

Last reported production: April 1950

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 351445	4-15-1950	1:6000	1:14068	Final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, shaft size, thickness, geologic problems.
 Directory of Illinois Coal Mines (Franklin County) - Mine names, mine index, ownership, years of operation.
 Mine notes (Franklin County) - Mine type, shaft locations, seam, depth, thickness, geologic problems.
 Microfilm map, document 351445, reel 03136, frames 124-128 - Shaft locations, mine outline, mining method.
 Company map, ISGS map library, 4102 i5.1-3 - Shaft locations (used to locate air shaft on microfilm).

Mine Index 428**Old Ben Coal Corporation, Old Ben No. 15 Mine**

Type: Underground Total mined-out acreage shown: 3,154

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	Franklin	7S 2E	35	740 FNL, 445 FWL
Air shaft	Franklin	7S 2E	35	SE NW SW
Air shaft	Williamson	8S 2E	4	SE SE SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	419			8.0-8.83	RPP (with HER)

Geologic Problems Reported: Gas may have been a problem at this mine; an explosion killed one man. Top coal was left to protect the shale roof and recovered on retreat. Pillars were sometimes drawn on retreat also. Some steep grades were present due to swags in the seam. Only a few pyrite facings were found, along with a "noticeable" amount of calcite facings. The company map showed numerous northwest-southeast trending faults in the southern part of the mine. These faults had throws ranging from 2 to 8 feet.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Old Ben Coal Corporation	Old Ben No. 15	1919-1954 *	20,917,351 20,917,351

* Idle 1925

Last reported production: January 1954

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 351435	6-30-1954	1:4800	1:9931	Final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, thickness, geologic problems.
 Directory of Illinois Coal Mines (Franklin County) - Mine names, mine index, ownership, years of operation.
 Mine notes (Franklin County) - Mine type, shaft location, seam, depth, geologic problems.
 Microfilm map, document 351435, reel 03136, frames 103, 104 - Shaft locations, mine outline, mining method.
 Company map, ISGS map library, 4102 i5.1-6 - Shaft locations, geologic problems.

Mine Index 448**Old Ben Coal Corporation, Old Ben No. 9 Mine**

Type: Underground Total mined-out acreage shown: 6,184

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Hoist shaft	Franklin	7S 3E	20	SE NE SE
A shaft	Franklin	7S 3E	20	SE SW NE
C shaft	Franklin	7S 3E	29	NE SE SE
D shaft	Franklin	7S 3E	27	SW SE SW
E shaft	Williamson	8S 3E	2	SW SW NW

A shaft was a material, air and escapement shaft; the hoist shaft may have been the B shaft; C shaft was an auxiliary shaft; D shaft was auxiliary, air and escapement; E shaft was an air, man and material shaft.

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	440-482	6.0	9.3	9.0	HER *

* RPP over most of mine; some pillars removed over most of the mine, in some areas very few pillars left.

Geologic Problems Reported: The mine had some gas. An explosion in 1923 killed one man. Top coal (15 to 24 inches) was generally left to protect the gray shale roof. The underclay showed a tendency to heave and squeeze, sometimes even before mining was completed.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Old Ben Coal Corporation	Old Ben No. 9	1913-1968 **	<u>42,588,301</u> 42,588,301

** Idle 1929-1943. One of the shafts was used for disposal of acid water after 1968.

Last reported production: February 1968

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
State archive, msha_540_03	2-15-1968	1:4800	1:4800	Final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, depth, mining method, geologic problems.
 Directory of Illinois Coal Mines (Franklin County) - Mine names, mine index, ownership, years of operation.
 Mine notes (Franklin County) - Mine type, shaft locations, seam, thickness, geologic problems.
 State archive map, msha_540_03- Shaft locations, mine outline, mining method.

Mine Index 449**Freeman Coal Mining Company, Bobby Dick Mine**

Type: Underground Total mined-out acreage shown: 1,794

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	Williamson	8S 2E	5	NW NE SW
Air shaft	Williamson	8S 2E	5	NE NW SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	245	8.0	10-15	8.5	RPP

Geologic Problems Reported: A fault with displacement of 10 feet was shown on the source map in the southwestern part of the mine. The western side was upthrown. An east-west trending fault was noted 1500 feet north of the shaft. Water entered the mine from water-bearing gravels in the overburden and caused weakness in the roof. Water was noted in the southernmost part of the center and the southeastern corner of the mine. The immediate roof was 15 to 18 feet of gray shale. The top bench of the coal was left to support the roof.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Pond Creek Coal Company	Franklin	1909-1918	1,428,253
Freeman Coal Mining Company	Freeman No. 1, Bobby Dick	1918-1949 *	<u>9,924,642</u>
			11,352,895

* Idle 1940

Last reported production: June 1949

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Company, 4103.W52 i5.1-13	6-23-1949	1:9600	1:9600	Final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

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

Mine notes (Williamson County) - Mine type, shaft locations, seam, depth, thickness, geologic problems.

Company map, ISGS map library, 4103.W52 i5.1-13 - Shaft locations, mine outline, mining method, geologic problems.

Mine Index 454**Consolidated Coal Company of St. Louis, New Monarch Mine**

Type: Underground Total mined-out acreage shown: 2,032 in Herrin Coal and less than 1 acre in the Springfield Coal

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	Williamson	8S 2E	20	NW SW SE
Air shaft	Williamson	8S 2E	20	NW SW SE
Air shaft	Williamson	8S 2E	21	SE NE NW *
Blind slope (Springfield)	Williamson	8S 2E	20	NE SE SW **

* Shared with mine index 711, the Buckhorn Mine, another Consolidated Coal Company of St. Louis mine.

** A blind slope (slope which does not reach the surface) extended from the workings in the Herrin Coal to the Springfield Coal.

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	150	6.0	9.5	8.75-9.0	MRP

Geologic Problems Reported: Several faults were noted on the source map. Two trended northwest-southeast and one trended northeast-southwest. A 1925 explosion killed two miners in an entry where ventilation had failed. The roof was a massive gray sandy shale, cut by vertical joints. When exposed by mining, the roof tended to fall in thick layers. Top coal (16 to 24 inches) was left to support the roof, but this top coal was mined on retreat. Local hollows in the floor and rolls in the roof were present.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Big Muddy Coal & Iron Coal Company	Big Muddy No. 7	1897-1920	8,018,238
Consolidated Coal Company of St. Louis	Consolidated No. 7; New Monarch	1920-1940	<u>8,020,692</u>
			16,038,930

Last reported production: July 1940

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Company, state archive	7-19-1940	1:2400	1:2400	Final
Company, Old Ben Archive Collection	4-1-1940	1:2400	1:2400	Not final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

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

Mine notes (Williamson County) - Mine type, shaft locations, seam, depth, thickness, geologic problems.

Company map, state archive, IL_1686 - Mine outline, mining method.

Company map, Old Ben Coal Company Archive Collection - Shaft locations, mine outline (west & east sides), mining method.

Mine Index 506**St. Louis Coal & Iron Company, Black Briar No. 2 Mine**

Type: Underground Total mined-out acreage shown: 204

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	Williamson	8S 3E	28	SE SW NW
Air shaft	Williamson	8S 3E	28	NE SW NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	244			7.83 (6.5-8.0)	RPP

Geologic Problems Reported: Some "charcoal" (fusain) lenses were found in the coal. The sulfur content was too high for some markets.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
St. Louis Coal & Iron Company	Black Briar No. 2	1923-1932	1,082,731
			1,082,731

Last reported production: March 1932

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 353175	7-1-1931	1:2400	1:4469	Not final
ISGS map library, 4103.W52 i5.1-179	1-1-1969	1:2400	1:2400	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

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

Mine notes (Williamson County) - Mine type, shaft locations, seam, depth, thickness, geologic problems.

Microfilm map, document 353175, reel 03142, frames 65 & 66 - Mine outline, shaft locations, mining method.

ISGS map library 4103.W52 i5.1-179, map of Orient No. 4 Mine (mine index 688) - Mine outline (westernmost and easternmost extensions).

Mine Index 662
Zeigler Coal Company, Zeigler No. 4 Mine

Type: Underground Total mined-out acreage shown: 4,403

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Williamson	8S 3E	16	NE NW NW
Air shaft	Williamson	8S 3E	9	SW SE SW
Escape shaft	Williamson	8S 3E	9	SE SW SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	232-245			7.0-8.58	RPP

Geologic Problems Reported: The Cottage Grove Fault System ran through this mine (see ISGS Circular 522, *Cottage Grove Fault System*). Vertical offsets were commonly about 5.5 feet; horizontal displacement was about 20 feet. This resulted in prominent east-west features in the roof. The roof was gray shale with slips and slickensides, and it tended to fall if not bolted. The coal had a few shaly partings and some thin pyrite facings on bedding planes. The working face was very wet. Water and gas bubbled out of the rock near stoppings. Concretions were present in the upper part of the seam.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Consolidated Coal Company	Lake Creek	1944-1949	2,438,870
Consolidated Coal Company	Buckhorn	1950-1950	546,063
Bell & Zoller Coal & Mining Company	Bell & Zoller No. 2	1951-1953	2,126,890
Bell & Zoller Coal Company	Buckhorn	1954-1959	5,237,271
Bell & Zoller Coal Company	Zeigler No. 4	1960-1970	12,148,892
Zeigler Coal Company	Zeigler No. 4	1971-1980	<u>4,746,001</u>
			27,243,987

Last reported production: July 1980

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
State Archive, IL_798_03	7-31-1980	1:4800	1:4800	Final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, depth, thickness.
 Directory of Illinois Coal Mines (Williamson County) - Mine names, mine index, ownership, years of operation.
 Mine notes (Williamson County) - Mine type, slope location, seam, thickness, geologic problems.
 State Archive map, IL_798_03, courtesy of Robert Gibson, IDNR - Slope & shaft locations, mine outline, mining method.

Mine Index 688
Freeman United Coal Mining Corporation, Orient No. 4 Mine

Type: Underground Total mined-out acreage shown: 6,462

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Williamson	8S 3E	28	NW NE SE
Air slope	Williamson	8S 3E	28	SW NE SE
Air / man / material slope	Williamson	8S 3E	26	1750 FNL, 850 FEL
Air shaft (10 ft - upcast)	Williamson	8S 3E	26	SE SE NE
Shaft (14 ft)	Williamson	8S 4E	30	1039 FSL, 823 FEL

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	275-300			5.5-7.33	RPP, HER *

* The high-extraction retreat method was more prevalent in the east half of the mine.

Geologic Problems Reported: The mine intersected some normal or strike-slip faults, some with displacements up to 80 feet, all part of the Cottage Grove Fault System (see ISGS Circular 522, *Cottage Grove Fault System*). Most of the fault offsets were small, from a few inches to just less than 15 feet, but a few were up to 80 feet. The source map indicated "bad top" near the faulted areas. An oil seep was noted, and water and gas also entered along the fault planes. Many of the western parts of the mine noted water and bad top at the furthest extent of mining. Faults were reported throughout the mine, sometimes requiring a change in the configuration of rooms. Older portions of the mine collected water and were sealed. The gray shale roof displayed slickensides. In some areas of the mine, the roof was black shale. The coal seam contained some pyrite and calcite filled some cleats.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Freeman Coal Mining Corporation	Freeman No. 4	1952-1960	8,484,508
Freeman Coal Mining Corporation	Orient No. 4	1961-1974	15,834,003
Freeman United Coal Mining Corporation	Orient No. 4	1975-1987	<u>11,357,238</u>
			35,675,749

Last reported production: May 1987

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Company, 6-429	5-15-1987	1:12000	1:12000	Final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, thickness.
 Directory of Illinois Coal Mines (Williamson County) - Mine names, mine index, ownership, years of operation.
 Mine notes (Williamson County) - Mine type, slope & shaft locations, seam, depth, geologic problems.
 Company map, Coal Section files, 6-429 - Slope & shaft locations, mine outline, mining method, geologic problems.

Mine Index 689**Freeman Coal Mining Corporation, Freeman No. 3 Mine**

Type: Underground Total mined-out acreage shown: 854

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	Williamson	8S 2E	10	SE SW NW
Air shaft	Williamson	8S 2E	10	NW NW SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	211-217			8.33-8.5	MRP

Geologic Problems Reported: The source maps show two large, parallel northwest-trending faults in the northwestern part of the workings. The northeastern fault has 20 feet of throw, the southwestern has 10 to 60 feet of displacement.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Freeburn Mining Company	Freeburn No. 3	1948-1954	4,926,168
Freeman Coal Mining Corporation	Freeburn No. 3	1955-1955	779,620
			5,705,788

Last reported production: September 1955

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 353246	9-27-1955	1:2400	1:5297	Final

Annotated Bibliography (data source, brief description of information)

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

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

Mine notes (Williamson County) - Mine type, shaft location, seam.

Microfilm map, document 353246, reel 03142, frame 187 - Shaft locations, mine outline, mining method.

Catalog of Coal Mines in Williamson County, W. John Nelson, 2003 - Geologic problems.

Mine Index 711**Consolidated Coal Company of St. Louis, Buckhorn Mine**

Type: Underground Total mined-out acreage shown: 482 (431 in Herrin Coal, 51 in Springfield Coal)

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Williamson	8S 2E	21	SW NW NE
Air shaft	Williamson	8S 2E	21	SE NE NW *
Shaft	Williamson	8S 2E	21	NE NE NW
Blind slope	Williamson	8S 2E	16	SW NW SE
Blind slope	Williamson	8S 2E	16	NW NW SE

* Shared with mine index 454, the New Monarch Mine, another Consolidated Coal Company of St. Louis mine.

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)		Mining Method
		Min	Max	
Herrin	190		7.0-8.5	RPP **
Springfield				RPP

** Some HER, mostly in southern part of section 16-T8S-R2E, from 8-19-1946 to 1-17-1947.

Geologic Problems Reported: The source maps show three faults that trend northwest-southeast. These faults are in the western half of Section 16, T8S-R2E and the eastern half of Section 17, T8S-R2E and NW NE 21-T8S-R2E. In some cases, the faults interfered with mining and some reserves were left. In others, the fault was approached on both sides and most of the coal removed. Offsets were not shown on the map.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Consolidated Coal Company of St. Louis	Buckhorn	1938-1947	3,145,154
			3,145,154

Last reported production: January 1947

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Company, 4103.W52 i5.1-3	8-4-1946	1:2400	1:2400	Final
Company, 4103.W52 i5.1-2, sh. 2	1-17-1947	1:2400	1:2400	Final
Microfilm, document 353196	2-1-1945	1:2400	1:4965	Not final ***

*** The mined area shown on the accompanying map is the approximate size expected for the production reported. This suggests that the mine outline is complete. Most of the mining after the map date was in the Springfield Coal or removing pillars in the Herrin Coal.

Annotated Bibliography (data source, brief description of information)

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

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

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

Company map, ISGS map library, 4103.W52 i5.1-3 - Mine outline, slope locations, mining method (Springfield Coal).

Company map, ISGS map library, 4103.W52 i5.1-2, sh. 2 - Mine outline, slope locations, mining method (HER, Herrin Coal).

Microfilm map, document 353196, reel 03142, frames 103 and 104 - Shaft & slope locations, mine outline, mining method, geologic problems.

Mine Index 815**Crear-Clinch Coal Company, Duncan Mine**

Type: Underground Total mined-out acreage shown: 300 Production indicates approximately 2 acres were mined after the map date.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	Williamson	8S 2E	29	NW SW SE
Air shaft	Williamson	8S 2E	29	NW SW SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	92			8.58 (6.75-9.0)	MRP

Geologic Problems Reported: An explosion of gas in 1922 killed one man.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
St. Louis-Carterville Coal Company	Walnut Ridge	1903-1908	390,865
St. Louis-Carterville Coal Company	Dale	1908-1916	967,623
Duncan Coal Company	Dale	1916-1923	1,088,147
Crear-Clinch Coal Company	Duncan	1923-1924	54,199
Crear-Clinch Coal Company	Duncan	1924-1924	14,222 *
			2,515,056

* Production after map date

Last reported production: March 1924

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 353205	2-22-1924	1:2400	1:5628	Not final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, thickness, geologic problems.
 Directory of Illinois Coal Mines (Williamson County) - Mine names, mine index, ownership, years of operation.
 Mine notes (Williamson County) - Mine type, shaft locations, seam, depth, thickness, geologic problems.
 Microfilm map, document 353205, reel 03142, frame 114 - Shaft locations, mine outline, mining method.

Mine Index 816
Standard Coal & Coke Company, Scranton No. 1 Mine

Type: Underground Total mined-out acreage shown: 581

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft (9 x 16 ft)	Williamson	8S 3E	33	NE SE SW
Air shaft	Williamson	8S 3E	33	NE SE SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	154	6.0	9.0	7.0	MRP

Geologic Problems Reported: In some places, the roof was a competent limestone, but the remaining roof was gray and black shale. The shales commonly had slips, slickensides and faults. The coal contained pyrite and clay in lenses, but overall the impurities were low.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Scranton & Big Muddy Coal Mining Co.	Scranton & Big Muddy No. 1	1907-1920	1,814,342
Scranton Coal Mining Company	Scranton No. 1	1920-1923	1,662,413
Standard Coal & Coke Company *	Scranton No. 1	1925-1925	11,553
			<u>3,488,308</u>

* Also known as Charter Coal Company, but not listed in Coal Reports under this name.

Last reported production: 1925 (July to December)

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 353208	4-1923	1:2400	1:4138	Not final
Microfilm, document 353079	4-30-1952	1:2400	1:2400	Secondary source **
Company, Coal Section files, 6-429	5-15-1987	1:12000	1:12000	Secondary source **
ISGS map library, 4103.W52 i5.1-189	8-11-1934	1:63360	1:63360	Secondary source **

** The mined area shown on the accompanying map is the approximate size expected for the production reported. This suggests that the mine outline is complete.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.
 Directory of Illinois Coal Mines (Williamson County) - Mine names, mine index, ownership, years of operation.
 Mine notes (Williamson County) - Mine type, shaft locations, seam, depth, thickness, geologic problems.
 Microfilm map, document 353208, reel 03142, frames 119-124 - Shaft locations, mine outline, mining method.
 Microfilm map, document 353079, reel 03141, frames 273 & 274, map of Wallace Mine (mine index 6792) - Mine outline (southeastern).
 Company map, Coal Section files, 6-429, map of Orient No. 4 Mine (mine index 688) - Mine outline (northern).
 Composite map from J. C. Quade field notes, ISGS map library, 4103.W52 i5.1-189 - Mine outline (eastern).

Mine Index 818**Binkley & Miles, Binkley & Miles Mine**

Type: Surface Total mined-out acreage shown: None This mine is part of a larger area of surface mining. Production indicates approximately 4 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Pit	Williamson	9S 3E	6	SE SE SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	8-20			8.0-9.5	Surface

Geologic Problems Reported: The overburden was surficial materials: sticky yellow clay and a blue or black shale. Many slips were present in the coal seam, which broke easily into large blocks. The coal also contained some thin stringers of pyrite.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Binkley & Miles	Binkley & Miles	1909-1914 *	<u>30,000</u> 30,000

* Idle 1911 & 1912

Last reported production: 1914

SOURCES OF DATA

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

** Point plotted onto 1:24,000 USGS topographic map and digitized.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

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

Mine notes (Williamson County) - Mine type, mine location, seam, depth, thickness, geologic problems.

Mine Index 823**St. Louis Coal & Iron Company, Black Briar No. 1 Mine**

Type: Underground Total mined-out acreage shown: 612

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	Williamson	8S 2E	24	SE SE SE
Air shaft	Williamson	8S 2E	24	SE SE SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	172 (air shaft 190)	7.0	12.0	9.33	RPP

Geologic Problems Reported: An explosion of "fire damp" (methane) killed four men in 1897.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Williamson County Coal Company	Williamson County	1896-1897	51,161
A. W. Crawford (lessee)	Williamson County	1897-1898	59,080
Williamson County Coal Company	Williamson County No. 1 *	1898-1920	3,289,369
St. Louis Coal & Iron Company	Black Briar No. 1	1920-1924	<u>1,097,238</u>
			4,496,848

* Also referred to as "Old Mine"

Last reported production: April 1924

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 353091	5-1924	1:2400	1:4303	Final
ISGS map library, 4103.W52 i5.1-137	3-23-1929	1:2400	1:2400	Secondary source **
Microfilm, document 353175	7-1-1931	1:2400	1:4469	Secondary source **

** The mined area shown on the accompanying map is the approximate size expected for the production reported. This suggests that the mine outline is complete.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

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

Mine notes (Williamson County) - Mine type, shaft locations, seam, depth, thickness, geologic problems.

Microfilm map, document 353091, reel 03141, frames 291-292 - Shaft locations, mine outline, mining method.

ISGS map library, 4103.W52 i5.1-137, map of Peabody No. 26 Mine (mine index 157) - Mine outline (western).

Microfilm map, document 353175, reel 3142, frames 65 & 66, map of Black Briar No. 2 Mine (mine index 506) - Mine outline (eastern).

Mine Index 882
Forsyth-Energy, Inc., Energy Mine

Type: Surface Total mined-out acreage shown: 3,365 (1,686 in Herrin Coal, 1,679 in Springfield Coal)
 The area shown is too large for the reported production. Others mines may have operated in this area, both surface and underground, resulting in the larger outline. See the back of this report for unlocated mines. This area may also include some workings for mine index 814.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Tipple / pit	Williamson	9S 2E	4	NW SW NE
Pits	Williamson	8S 2E	28,33,34,35	
Pits	Williamson	9S 2E	2,3,4,5,8,9,10	

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	20-42			5.08-8.0	Surface
Springfield	40-55			3.17-3.5	Surface

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Morgan Mines, Inc.	Morgan	1947-1956	3,272,505
Peabody Coal Company	Energy	1956-1960	1,666,963
Forsyth-Energy Coal Company *	Forsyth-Energy	1961-1967	3,090,006
Peabody Coal Company	Forsyth-Energy	1968-1969	701,208
Forsyth-Energy, Inc.	Energy	1969-1972	<u>1,252,977</u>
			9,983,659

* Merged with Forsyth-Energy Coal Company (mine index 814), which mined mostly in the Herrin Quadrangle.

Last reported production: November 1972

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Company, 4103.W52 i5.1-180	5-1-1971	1:24000	1:24000	Secondary source
Company	10-8-1956	1:2400	1:2400	Not final
Company	5-27-1954	1:2400	1:2400	Not final
USGS topographic map	1976	1:24000	1:24000	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 (Williamson County) - Mine names, mine index, ownership, years of operation.
 Mine notes (Williamson County) - Mine type, mine location.
 Company map, ISGS map library, 4103.W52 i5.1-180 - Mine outline (Herrin & Springfield Coals).
 Company map, Old Ben Archive Collection - Mine outline (Springfield Coal).
 Company map, Old Ben Archive Collection - Mine outline (Springfield Coal).
 USGS topographic map, Johnston City Quadrangle, 1963, Photo-inspected 1976 - Mine outline.

Mine Index 941**Arrowhead Coal Company, Arrowhead No. 1 Mine**

Type: Surface Total mined-out acreage shown: 41 Production indicates less than 1 acre was mined. However, production was primarily from surface mining pillars from abandoned underground workings, and the size of the mine will be much larger. The pits are in the Johnston City Quadrangle to the north and are part of a larger surface-mined area that was mined by numerous small operations.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Tipple	Williamson	9S 2E	11	SE NE SE
Pit	Williamson	9S 2E	11	NE NW SE & NW NE SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	20			8.0	Surface

Geologic Problems Reported: Most of the mining by this company was surface-mining through pillars left in abandoned underground mines.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Arrowhead Coal Company	Arrowhead No. 1	1978-1978	<u>5,307</u> 5,307

Last reported production: October 1978

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Mine notes (W. J. Nelson)	11-17-1978	(text only)	1:24000 *	Secondary source
Department of Mines & Minerals	Undated			Secondary source

* The mine location was plotted onto a 1:24,000 USGS topographic map from the mine location description and digitized.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, depth, thickness, mining method.
 Directory of Illinois Coal Mines (Williamson County) - Mine names, mine index, ownership, years of operation.
 Mine notes (Williamson County) - Mine type, mine location, seam, mining method.
 Department of Mines & Minerals, aerial photographic base map with surface mines identified - Mine outline.

Mine Index 944**E. & B. Coal Company, E. & B. No. 1 Mine**

Type: Surface Total mined-out acreage shown: Production indicates approximately 30 acres were mined, but the boundary between this mine and the Energy Mine (mine index 882) and an unidentified pit (mine index 4714) cannot be determined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Tipple / pit	Williamson	9S 2E	10	N ½ NE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin					Surface
Springfield	40-45			3.83	Surface

Geologic Problems Reported: Two large normal faults were reported in the western end of the pit, with the coal downthrown 12 to 14 feet to the west. More faults may be present. These are part of the White Ash Fault Zone.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
E. & B. Coal Company	E. & B. No. 1	1974-1979	<u>191,691</u> 191,691

Last reported production: July 1979

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
John Nelson, Williamson County Mines	2003	(text only)	1:24000 *	Secondary source

* Point plotted onto 1:24,000 USGS topographic map and digitized.

Annotated Bibliography (data source, brief description of information)

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

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

Mine notes (Williamson County) - Mine type, mine locations (conflicting), seam, geologic problems.

Catalog of Coal Mines in Williamson County, W. John Nelson, 2003 - Geologic problems, location.

Mine Index 950**Illinois Coal, Oil & Gas Company, Illinois Coal, Oil & Gas No. 1 Mine**

Type: Surface 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
Tipple / pit	Williamson	9S 3E	6	SE SW SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	25-28			8.0	Surface

Geologic Problems Reported: The surface workings were plagued with water problems. Collapsed entries and mine timbers from abandoned underground workings were encountered in their two pits.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Illinois Coal, Oil & Gas Company	Illinois Coal, Oil & Gas No. 1	1975-1976	<u>3,401</u> 3,401

Last reported production: June 1976

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Mine notes (John Nelson)	10-11-1977	1:24000	1:24000	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

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

Mine notes (Williamson County) - Mine type, mine location, seam, depth, thickness, geologic problems.

Mine Index 970**Wenzel Brothers Coal Company, Wenzel Mine**

Type: Surface Total mined-out acreage shown: 53 Production indicates approximately 4 acres were mined. The area shown is too large for the reported production. Others mines may have operated in this area, both surface and underground, resulting in the larger outline. See the back of this report for unlocated mines.

SHAFT, SLOPE, DRIFT or TIPPLe LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Tipple	Williamson	9S 2E	11	SW
Pits	Williamson	9S 2E	11	NE SW SE & NE SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Springfield	25-30			4.0	Surface

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Wenzel Brothers Coal Company	Wenzel	1964-1965	<u>27,520</u> 27,520

Last reported production: August 1965

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Mine notes	undated	(text only)	1:24000 *	Secondary source
ISGS surface mine updates	1976	Unknown **	1:24000	Secondary source

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

** Aerial photographs of surface mines were traced. The original photographs are no longer available.

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 (Williamson County) - Mine names, mine index, ownership, years of operation.
 Mine notes (Williamson County) - Mine type, shaft locations, seam, mining method.
 Tracing of air photo, ISGS Coal Section files - Mine outline.

Mine Index 971**E. & B. Coal Company, E. & B. No. 2 Mine**

Type: Surface Total mined-out acreage shown: Production indicates approximately 45 acres were mined, but the boundary between this mine and the Energy Mine (mine index 882) cannot be determined. Therefore, this mine is not specifically shown on the accompanying map, although it is part of the surface mining shown in section 7.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Tipple / pit	Williamson	9S 3E	7	E ½ NW NW & W ½ NE NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin				4.0-9.0	Surface
Springfield	25-45			4.0	Surface

Geologic Problems Reported: The overburden was not consistent in thickness or extent. In many locations, the shale overburden collapsed into entries of abandoned underground mines. The coal had no shale partings, and pyrite was seen only in small, inconspicuous lenses. However, thick calcite coatings were present on the cleats.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
E. & B. Coal Company	E. & B. No. 2 *	1977-1984	<u>245,510</u> 245,510

* Also known as Spillertown No. 2 Mine

Last reported production: May 1984

SOURCES OF DATA

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

** Point plotted onto 1:24,000 USGS topographic map and digitized.

Annotated Bibliography (data source, brief description of information)

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

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

Mine notes (Williamson County) - Mine type, mine location, seam, thickness, geologic problems.

Mine Index 972**Crenshaw Coal Company, Crenshaw No. 1 Mine**

Type: Surface Total mined-out acreage shown: None Production indicates approximately 6 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Tipple / pit	Williamson	8S 2E	33	SW SE SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	30			3.8-4.0	Surface
Springfield	25-50			3.5-3.67	Surface

Geologic Problems Reported: Pyrite was abundant in the cleats, especially thick on the face cleats, and some lenses were scattered through the seam. Some calcite was noted.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Crenshaw Coal Company	Crenshaw No. 1	1977-1979	<u>36,428</u> 36,428

Last reported production: February 1979

SOURCES OF DATA

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

* Point plotted onto 1:24,000 USGS topographic map and digitized.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation thickness (Springfield Coal).

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

Mine notes (Williamson County) - Mine type, mine location, seam, depth, thickness (Herrin coal), geologic problems.

Mine Index 976**Oxford Construction Company, M. F. Oxford No. 4 Mine**

Type: Surface Total mined-out acreage shown: None Production indicates less than 3 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Tipple / pit	Williamson	9S 2E	3	NE NW NE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	35			8.0 *	Surface

* Since mining consisted mostly of taking pillars of abandoned underground workings, W. J. Nelson estimated that this was the equivalent of mining a 32-inch seam.

Geologic Problems Reported: This surface mine targeted pillars of an abandoned underground mine. The roof had consisted of light gray, soft, poorly bedded shale. Some lenses of this material protruded down into the coal and along the margins of where the coal was split.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Oxford Construction Company	M. F. Oxford No. 4	1977-1979	<u>12,382</u> 12,382

Last reported production: February 1979

SOURCES OF DATA

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

** Point plotted onto 1:24,000 USGS topographic map and digitized.

Annotated Bibliography (data source, brief description of information)

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

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

Mine notes (Williamson County) - Mine type, mine location, seam, geologic problems.

Mine Index 977**Illinois Coal, Oil & Gas Company, Illinois Coal, Oil & Gas No. 2 Mine**

Type: Surface 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
Tipple / pit	Williamson	9S 2E	1	S ½ NE SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	25-26			8.0	Surface

Geologic Problems Reported: Pillars and entries of abandoned underground workings were encountered.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Illinois Coal, Oil & Gas Company	Illinois Coal, Oil & Gas No. 2	1977-1979	<u>12,287</u> 12,287

Last reported production: November 1979

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
John Nelson, Williamson County Mines	2003	1:48000	1:24000	Secondary source

Annotated Bibliography (data source, brief description of information)

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

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

Mine notes (Williamson County) - Mine location, mine type, seam.

W. John Nelson, 2003, Catalog of Coal Mines in Williamson County, unpublished manuscript - Geologic problems, mine location.

Mine Index 978**E. & B. Coal Company, Crenshaw No. 2 Mine**

Type: Surface 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
Tipple / pit	Williamson	8S 2E	33	SW NE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	15-20			5.0	Surface
Springfield	50			3.83	Surface

Geologic Problems Reported: Crenshaw Coal Company attempted to open a No. 3 Mine, but after opening up a small pit, they closed down without mining. The coal was too weathered or otherwise unsuitable for mining. They considered going down to the Springfield seam, but the overburden was too thick for their equipment.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Crenshaw Coal Company	Crenshaw No. 2	1977-1980 *	13,016
E. & B. Coal Company	Crenshaw No. 2	1981-1982	11,179
			24,195

* Idle 1978, 1980

Last reported production: February 1982

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Mine notes (John Nelson)	8-8-1977	1:24000	1:24000	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 (Williamson County) - Mine names, mine index, ownership, years of operation.

Mine notes (Williamson County) - Mine type, seam, geologic problems.

Mine Index 979**Claude White Company, North Side Mine**

Type: Surface Total mined-out acreage shown: None Production indicates approximately 10 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Tipple / pit	Williamson	9S 2E	12	S ½ NW SW
Pit	Williamson	9S 2E	11	NE NE SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	6-35			6.0	Surface

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Claude White Construction Company	North Side	1969-1969	7,080
Claude White Company	North Side	1977-1982	<u>41,600</u> 48,680

Last reported production: November 1982

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
John Nelson, Williamson County Mines	2003	(text only)	1:24000 *	Secondary source

* Point plotted onto 1:24,000 USGS topographic map and digitized.

Annotated Bibliography (data source, brief description of information)

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

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

Mine notes (Williamson County) - Mine type, mine location, seam.

Catalog of Coal Mines in Williamson County, W. John Nelson, 2003 - Mine locations.

Mine Index 1019**Cottonwood Coal Company, Cottonwood No. 1 Mine**

Type: Surface Total mined-out acreage shown: None Production indicates that approximately 13 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Tipple / pit	Williamson	8S 2E	33	SW NE
Pit	Williamson	9S 2E	4	SW NE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Springfield	70			4.0	Surface

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Cottonwood Coal Company *	Cottonwood No. 1	1996-1997	<u>72,584</u> 72,584

* This is also the location of a mine known as Gordon & Price Coal Company, Pace No. 1 Mine that operated around 1999 and re-mined areas surface-mined by earlier operators.

Last reported production: 1997

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
John Nelson, Williamson County Mines	2003	(text only)	1:24000 **	Secondary source
Coal Section files, 10-9-3	2003			Secondary source

** Point plotted onto 1:24,000 USGS topographic map and digitized.

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 (Williamson County) - Mine names, mine index, ownership, years of operation.
 Catalog of Coal Mines in Williamson County, W. John Nelson, 2003 - Mine locations.
 Aerial photograph enlargement and DMM permit outline, Coal Section files 10-9-3 - Mine location.

Mine Index 1034**Gordon & Price Coal Company, Pace No. 1 Mine**

Type: Surface Total mined-out acreage shown: None

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Pit	Williamson	9S 2E	4	SW NE

GEOLOGY

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

Geologic Problems Reported:**PRODUCTION HISTORY**

Company	Mine Name	Years	Production (tons)
Gordon & Price Coal Company *	Pace No. 1	ca. 1999	

* This mine operated around 1999 and re-mined areas surface-mined by earlier operators. Production was not recorded in the Coal Report.

Last reported production:

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
John Nelson, Williamson County Mines	2003	(text only)	1:24000 **	Secondary source
Coal Section files, 10-9-3	2003	1:48000	1:48000	Secondary source

** Point plotted onto 1:24,000 USGS topographic map and digitized.

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 (Williamson County) - Mine names, mine index, ownership, years of operation.
 Catalog of Coal Mines in Williamson County, W. John Nelson, 2003 - Mine locations.
 Aerial photograph enlargement and DMM permit outline, Coal Section files 10-9-3, map of Cottonwood Mine (mine index 1019) - Mine location.

Mine Index 2763
J. R. Spiller, Spiller Mine

Type: Surface 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
Tipple / pit	Williamson	9S 3E	6	SW SW SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	20			6.5	Surface

Geologic Problems Reported: The coal had some thin pyrite, "charcoal" (fusain) and shale layers throughout.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Jim Spiller	Spiller	1922-1923	4,000
Spiller & Dunston	Spiller & Dunston	1923-1924	3,000
James Spiller	Spiller	1924-1925	2,450
Spiller & Gray	Spiller	1925-1925	4,329
J. R. Spiller	Spiller	1926-1927	1,831
			15,610

Last reported production: 1927

SOURCES OF DATA

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

* Point plotted onto 1:24,000 USGS topographic map and digitized.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.
 Directory of Illinois Coal Mines (Williamson County) - Mine names, mine index, ownership, years of operation.
 Mine notes (Williamson County) - Mine type, mine location, seam, depth, thickness, geologic problems.

Mine Index 2764**Polinski Coal Company, Dog Walk Mine**

Type: Surface 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
Tipple / pit	Williamson	9S 3E	6	SW SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	30			8.0	Surface

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Polinski Coal Company	Dog Walk	1964-1964	<u>10,000</u> 10,000

Last reported production: October 1964

SOURCES OF DATA

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

* Point plotted onto 1:24,000 USGS topographic map and digitized.

Annotated Bibliography (data source, brief description of information)

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

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

Mine notes (Williamson County) - Mine location, seam.

Mine Index 3649**Clarence W. Thomas, Thomas Mine**

Type: Underground Total mined-out acreage shown: None Production indicates approximately 1 acre was mined. The mine is not shown on the accompanying maps due to a lack of clarity on the location.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Mine	Williamson	9S 2E	1	SW SW SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Undesignated *					

* The location shown is mined by Peabody No. 1 Mine (mine index 4026). The Herrin Coal could have been mined if Thomas came in and re-mined the pillars left behind. Two other mines shown at this location were incorrectly located and in the Herrin Coal; this mine may not be in the location shown.

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Clarence W. Thomas	Thomas	1935-1936	<u>7,674</u> 7,674

Last reported production: 1936

SOURCES OF DATA

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

** Point plotted onto 1:24,000 USGS quadrangle and digitized.

Annotated Bibliography (data source, brief description of information)

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

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

Mine Index 3665**W. N. Stroud, Stroud Mine**

Type: Underground Total mined-out acreage shown: None Production indicates less than 1 acre was mined. The mine is not shown on the accompanying maps due to later surface-mining.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	Williamson	9S 3E	6	NE SW SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	25			8.0-9.0 *	RP

* The upper 18 inches of the coal was left to support the roof.

Geologic Problems Reported: The coal dipped to the northeast by about 2 degrees. Small faults from slips were present. (The note did not say whether these were in the coal or the roof).

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
W. N. Stroud	Stroud	1906-1907	<u>2,168</u> 2,168

Last reported production: 1907

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS field notes (G. H. Cady)	1908	(text only)	1:24000 **	Secondary source

** Point plotted onto 1:24,000 USGS quadrangle and digitized.

Annotated Bibliography (data source, brief description of information)

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

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

ISGS field notes (Williamson County) - Mine type, mine location, thickness, geologic problems.

Mine Index 3973**Puritan Coal Company, Puritan No. 1 Mine**

Type: Underground Total mined-out acreage shown: 13 Production indicates approximately 26 acres were mined. The mine was later partially surface-mined, but the source map probably does not show a final outline of the mine.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Williamson	8S 2E	33	SE NW SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Springfield	60			4.17 (3.75-4.5)	RP

Geologic Problems Reported: A 1924 death was attributed to "fumes", and may be an indication of gas in the mine.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Wilco Mining Company	Wilco	1923-1925	19,778
Puritan Coal Company	Puritan No. 1	1926-1936	<u>74,230</u> 94,008

Last reported production: 1936

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS Coal Section files	1946 *	1:15600	1:15600	Secondary source

* The outline is somewhat generalized and is labeled "Wilco Slope"; the outline is probably not final.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, thickness, mining method, geologic problems.
 Directory of Illinois Coal Mines (Williamson County) - Mine names, mine index, ownership, years of operation.
 Mine notes (Williamson County) - Mine type, slope location, seam, depth, thickness.
 ISGS Coal Section files, Map Case 3, G-9, composite map by Franklin County Coal Company - Mine outline, slope location.

Mine Index 3974**Southern Gem Coal Corporation, Southern Gem No. 4 Mine**

Type: Surface Total mined-out acreage shown: 4

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main pit	Williamson	8S 2E	33	SW NW NE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin			7.0	6.0	Surface

Geologic Problems Reported: The coal is thicker to the north, where it is mined by a slope 100 yards north of the pit (mine index 3976, Diamond No. 1 Mine).

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Southern Gem Coal Corporation	Southern Gem No. 4	1919-1921	28,366
			28,366

Last reported production: June 1921

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 353173	3-1935	1:1200	1:4965	Secondary source
Microfilm, document 353230	2-10-1952	1:1200	1:1200	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

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

Mine notes (Williamson County) - Mine type, mine location & outline, seam, thickness, geologic problems.

Microfilm map, document 353173, reel 03142, frame 62, map of Carbon Fuel Mine (mine index 3976) - Mine location, mine outline, mining method.

Microfilm map, document 353230, reel 03142, frame 160, map of Red Ring Mine (mine index 6496) - Georegistration aid.

Mine Index 3975**Diamond Coal Company, Diamond No. 2 Mine**

Type: Surface Total mined-out acreage shown: 3

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Tipple / pit	Williamson	8S 2E	33	SE NE NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	15-50			7.0	Surface

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Diamond Coal Company	Diamond No. 2	1936-1938	<u>17,640</u> 17,640

Last reported production: June 1938

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 353173	3-1935	1:1200	1:4965	Secondary source
Microfilm, document 353230	2-10-1952	1:1200	1:1200	Secondary source

Annotated Bibliography (data source, brief description of information)

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

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

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

Microfilm map, document 353173, reel 03142, frame 62, map of Carbon Fuel Mine (mine index 3976) - Mine location, mine outline, mining method.

Microfilm map, document 353230, reel 03142, frame 160, map of Red Ring Mine (mine index 6496) - Georegistration aid.

Mine Index 3976**Diamond Coal Company, Diamond No. 1 Mine**

Type: Underground Total mined-out acreage shown: 109 Production indicates approximately 3 acres were mined after the map date.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Williamson	8S 2E	33	NW NW NE *
Air shaft	Williamson	8S 2E	33	NW NW NE *

* Not shown on accompanying map due to later surface mining.

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	50			7.5 (6.0-8.0)	RPP

Geologic Problems Reported: One fault was noted in the mine (displacement or effect on mining not reported).

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Carbon Fuel Company	Carbon Fuel	1917-1935 **	859,453
Diamond Coal Company	Diamond No. 1	1935-1937	17,500 ***
			876,953

** Idle 1920-1922

*** Production after map date

Last reported production: January 1937

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 353173	3-1935	1:1200	1:4965	Not final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

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

Mine notes (Williamson County) - Mine type, slope location, seam, depth, thickness, geologic problems.

Microfilm, document 353173, reel 03142, frame 62 - Mine location, general slope location, mining method.

Mine Index 3977**Diamond Coal Company, Diamond No. 3 Mine**

Type: Underground Total mined-out acreage shown: 3 Some of the south part of the mine was later surface-mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Williamson	8S 2E	33	NE NE NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	60			7.0-9.0	RPB

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Diamond Coal Company	Diamond No. 3	1938-1942	<u>27,020</u> 27,020

Last reported production: August 1942

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 353204	8-19-1942	1:1200	1:1241	Final

Annotated Bibliography (data source, brief description of information)

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

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

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

Microfilm, document 353204, reel 03142, frame 133 - Slope location, mine outline, mining method.

Mine Index 3978**Coal Stripping Company, Coal Stripping No. 1 Mine**

Type: Surface Total mined-out acreage shown: This mine is part of a larger surface-mined area that was mined by various operators and extends into the Marion Quadrangle and Herrin Quadrangles. The tonnage shown below is for all the Coal Stripping pits (including those in the Herrin and Marion Quadrangles).

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Tipple / pit	Williamson	8S 2E	33	SW SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	20-40	6.0	8.5	7.5	Surface

Geologic Problems Reported: A sandstone channel cut out all of the Pennsylvanian rocks above the coal and part of the coal at the northern end of one pit. Some variation in coal thickness was noted.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Pyramid Coal Company	Pyramid No. 1	1924-1927	920,480
Coal Stripping Company	Coal Stripping No. 1	1928-1931	511,416
			1,431,896

Last reported production: January 1931

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS map library, 4103.W52 i5.1-130	1931	1:4800	1:4800	Secondary source
USGS topographic map	PR 1990	1:24000	1:24000	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

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

Mine notes (Williamson County) - Mine type, mine location, depth, thickness, geologic problems.

ISGS map library, 4103.W52 i5.1-130 - Mine outline (ownership).

USGS topographic map, Marion Quadrangle, photorevised 1990 - Mine outline (general area of mining).

Mine Index 3979**Wilkins Coal Company, Peacock Mine**

Type: Surface Total mined-out acreage shown: None Production indicates about 1 acre was mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Tipple / pit	Williamson	8S 2E	34	NW *

* This location lies within a larger area of surface mining that was mined by various operators.

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	50			8.0	Surface

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Wilkins Construction Company	Peacock	1956-1957	3,505
Wilkins Coal Company	Peacock	1957-1957	6,726
			10,231

Last reported production: November 1957

SOURCES OF DATA

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

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

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

Mine notes (Williamson County) - Mine type, tipple/pit locations, seam, depth, thickness.

Mine Index 3980
Cox Coal Company, Cox Mine

Type: Surface 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
Tipple / pit	Williamson	8S 2E	34	NW SE SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin				9.0	Surface

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Cox Coal Company	Cox	1939-1940	<u>22,687</u> 22,687

Last reported production: May 1940

SOURCES OF DATA

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

* Point plotted onto 1:24,000 USGS topographic map and digitized. The source for this location was Ray McClusky, a state mine inspector. Checking his other locations against map sources has shown his locations to be inaccurate most of the time.

Annotated Bibliography (data source, brief description of information)

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

Mine Index 4009
Vulcan Coal Company, Vulcan 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	Williamson	9S 2E	1	NW SE SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin				7.0	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Vulcan Coal Company	Vulcan	1919-1922 *	<u>18,792</u> 18,792

* ISGS mine notes state this mine began in 1917 as a surface mine. See mine index 6664 in this report.

Last reported production: 1922

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Company, 4103.W52 i5.1-143	8-4-1932	1:2400	1:2400	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, mining method.
 Directory of Illinois Coal Mines (Williamson County) - Mine names, mine index, ownership, years of operation.
 Company map, ISGS map library, map of Peabody No. 3 Mine (mine index 60) - Slope location.

Mine Index 4010
Jones Coal Company, Jones No. 3 Mine

Type: Underground Total mined-out acreage shown: 10

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Williamson	9S 2E	1	NW SE SE
Air shaft	Williamson	9S 2E	1	NW SE SE *

* This is the old hoist shaft of the Wilson Mine (mine index 4012). These two mines were connected underground.

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Springfield	20			7.0	MRP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
J. G. Thomas Coal Company	Clean Coal	1937-1939	8,371
Klean Coal Company	Klean	1939-1939	4,917
Norris Coal Company	Norris	1953-1953	660
Orval J. Hillard Coal Company	Hillard	1954-1955	4,025
Montgomery Enterprise Coal Company	Montgomery Enterprise	1955-1956	2,151
Yearack Coal Company	Yearack No. 1	1957-1957	917
Red Flame Coal Company	Red Flame No. 1	1958-1959	3,390
Jones Coal Company **	Jones No. 3	1959-1959	<u>not reported</u>
			24,431

** Generally this name would be not be used for the final mine name since the production was unreported, but in this case the maps designate the mine as Jones No. 3 Mine.

Last reported production: March 1959

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 353272	12-9-1959	1:1200	1:1407	Final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.
 Directory of Illinois Coal Mines (Williamson County) - Mine names, mine index, ownership, years of operation.
 Mine notes (Williamson County) - Mine type, slope location, seam, depth, thickness.
 Microfilm map, document 353272, reel 03142, frame 216 - Slope and shaft locations, mine outline, mining method.

Mine Index 4011
Philip Falkerson, Falkerson Mine

Type: Underground Total mined-out acreage shown: 4

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Williamson	9S 2E	1	SW SE SE
Air shaft	Williamson	9S 2E	12	NW NE NE *

* Not shown on accompanying map due to later surface mining

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin					MRP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
E. L. Geer	Geer	circa 1932	unknown **
Philip Falkerson	Falkerson	1933-1937	<u>12,635</u> 12,635

** The mine notes placed the location of Falkerson and Geer in the SW SW SE 1-T9S-R2E. The Falkerson Mine has a map that indicates the correct location is SW SE SE. The Geer Mine in the Herrin Coal may not be connected to the Falkerson Mine, and may indeed be within the Peabody No. 1 Mine outline (mine index 4026) as indicated by the mine notes location. (See mine index 4030 for information regarding the Geer Mine in the Springfield Coal.)

Last reported production: 1937

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 353154	3-22-1937	1:1200	1:993	Final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.
 Directory of Illinois Coal Mines (Williamson County) - Mine names, mine index, ownership, years of operation.
 Mine notes (Williamson County) - Mine type, mine location, seam.
 Microfilm map, document 353154, reel 03142, frame 37 - Slope & shaft locations, mine outline, mining method.

Mine Index 4012
Jesse Wilson, Wilson Mine

Type: Underground Total mined-out acreage shown: 2

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	Williamson	9S 2E	1	NW SE SE *
Air shaft	Williamson	9S 2E	1	NW SE SE

* This shaft was later used as an air shaft for Jones No. 3 Mine (mine index 4010); the two mines were connected underground.

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Springfield	50			4.0	RPB

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Roy Wilson	Wilson No. 2	1931-1932	7,500
Bert Wilson	Wilson	1933-1933	3,000
Wayne Wilson	Wilson	1934-1934	2,000
Bert Wilson Coal Company	Wilson	1935-1936	7,000
Jesse Wilson	Wilson	1937-1937	1,000
			<u>20,500</u>

Last reported production: 1937

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 353067	5-1939	1:1200	1:1655	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.
 Directory of Illinois Coal Mines (Williamson County) - Mine names, mine index, ownership, years of operation.
 Mine notes (Williamson County) - Mine type, shaft location, seam, depth, thickness.
 Microfilm map, document 353067, reel 03141, frame 255, map of Klean Coal Mine (mine index 4010) - Shaft locations, mine outline, mining method.

Mine Index 4013**Roy Wilson Coal Company, Wilson No. 1 Mine**

Type: Underground Total mined-out acreage shown: Not shown on accompanying map; the area was later surface mined by various small mines. Production indicates less than 1 acre was mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Williamson	9S 2E	1	1200 FSL, 300 FEL

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	38-41			7.0-7.5	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Roy Wilson Coal Company	Wilson No. 1	1929-1931	<u>5,540</u> 5,540

Last reported production: 1931

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Mine notes	Undated	(text only)	1:24000 *	Secondary source
ISGS field notes (E. T. Benson)	8-17-1932	(text only)	1:24000 *	Secondary source

* Point plotted onto 1:24,000 USGS topographic map and digitized.

Annotated Bibliography (data source, brief description of information)

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

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

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

ISGS field notes (Williamson County) - Mine type, slope location, seam, depth, thickness.

Mine Index 4014
John G. Thomas, Thomas Mine

Type: Underground Total mined-out acreage shown: 6 Not shown on accompanying map due to problems with georegistration. The area was already mined by Peabody No. 1 (mine index 4026, closed before 1908) if in the Herrin Coal; if in the Springfield Coal, the outline overlaps with Jones No. 3 Mine (mine index 4010), which has much better georeferencing information. The section or township may be incorrect, or the operators may have re-mined portions of Peabody No. 1.

SHAFT, SLOPE, DRIFT or TIPPLe LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Williamson	9S 2E	1	NE SW SE
Air shaft	Williamson	9S 2E	1	SE SW SE
New air slope	Williamson	9S 2E	1	SE SW SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	30			7.0	MRP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Sixth Vein Coal Company	Sixth Vein	1939-1940	8,035
John G. Thomas	Thomas	1941-1943	13,298
			21,333

Last reported production: 1943

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 353200	10-1943	1:1200	1:1200	Final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.
 Directory of Illinois Coal Mines (Williamson County) - Mine names, mine index, ownership, years of operation.
 Mine notes (Williamson County) - Mine type, slope location, seam, depth, thickness.
 Microfilm, document 353200, reel 03142, frame 105 - Slope & shaft locations, mine outline, mining method.

Mine Index 4015
Robert Canfield, Jack Mine

Type: Underground Total mined-out acreage shown: 2 Most of the mine was later surface mined by Hamilton Coal Company (mine index 4526).

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Williamson	9S 2E	12	SE SW NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	40			7.0-9.0	MRP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
William Jack	Jack No. 1	1898-1900	860
Robert Canfield	Jack	1900-1902	1,153
			2,013

Last reported production: 1902

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS map library, 4103.W52 i5.1-143	8-4-1932	1:2400	1:2400	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, depth, thickness.
 Directory of Illinois Coal Mines (Williamson County) - Mine names, mine index, ownership, years of operation.
 Mine notes (Williamson County) - Mine type, slope location, seam.
 ISGS map library, 4103.W52 i5.1-143, map of Peabody No. 3 (mine index 60) - Slope location, mine outline, mining method.

Mine Index 4016**Ferges Brothers Coal Company, Ferges Mine**

Type: Underground Total mined-out acreage shown: 28 Production indicates approximately 11 acres were mined after the map date.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	Williamson	9S 2E	1	NE NE SE
Air shaft	Williamson	9S 3E	6	SW NW SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Springfield	97-106			4.0	MRP

Geologic Problems Reported: Expansion of the mine to the south in the northwestern portion of the mine was prevented by a fault. The southeastern part of the mine is labeled "Squeeze" on the source map.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Spillertown Mining Company	Spillertown *	1930-1939	84,462
Spillertown Mining Company	Spillertown	1939-1940	19,574 **
Ferges Brothers Coal Company	Ferges	1940-1941	20,911 **
			<u>124,947</u>

* According the ISGS field notes (E. T. Benson, 1932), this mine was also known as the Goodall Mine. No unlocated mines at the back of this report seem to be obviously linked to this location, since the years of operation are a decade or more prior to this mine's operation.

** Production after map date

Last reported production: 1941

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 353162	6-1939	1:1200	1:1572	Not final

Annotated Bibliography (data source, brief description of information)

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

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

Mine notes (Williamson County) - Mine type, shaft location, seam.

Microfilm map, document 353162, reel 03142, frame 49 - Shaft locations, mine outline, mining method, geologic problems.

Mine Index 4017**M. C. M. Coal Company, M. C. M. Mine**

Type: Surface 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
Tipple	Williamson	9S 2E	1	SE SE NE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	35			7.5	Surface

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Cottage Grove Mining Company	Cottage Grove	1948-1948	23,887
M. C. M. Coal Company	M. C. M.	1949-1950	13,415
			37,302

Last reported production: February 1950

SOURCES OF DATA

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

* Point plotted onto 1:24,000 USGS topographic map and digitized.

Annotated Bibliography (data source, brief description of information)

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

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

Mine notes (Williamson County) - Mine type, mine location, seam.

Mine Index 4018
Southern Jewel Coal Company, Southern Jewel Mine

Type: Underground Total mined-out acreage shown: None Production indicates approximately 3 acres were mined. This mine was later surface mined by Wenzel Mine (mine index 970).

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Williamson	9S 2E	12	SW NW SW
Air shaft	Williamson	9S 2E	12	SW NW SW
Air shaft	Williamson	9S 2E	12	NW NW SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Springfield	30-35			4.0	MRP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Southern Jewel Coal Company	Southern Jewel	1935-1939	8,329 8,329

Last reported production: 1939

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
State archive, MSHA_509_01	2-25-1939	1:1200	1:1200	Final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, depth, thickness.
 Directory of Illinois Coal Mines (Williamson County) - Mine names, mine index, ownership, years of operation.
 Mine notes (Williamson County) - Mine type, seam, depth, thickness.
 State archive, MSHA_509_01- Slope & shaft locations, mine outline, mining method.

Mine Index 4019**Watson Coal Company, Watson No. 1 Mine**

Type: Underground Total mined-out acreage shown: None The Skaggs Mine (mine index 160), which operated during the same years, later engulfed the outline for this mine.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft (7 x 14 ft)	Williamson	9S 2E	3	NW NW NE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	60-80			9.0	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Watson Coal Company	Watson No. 1	1904-1912	474,343
Watson Coal Company	Watson No. 1	1917-1923	156,929
			631,272

Last reported production: 1923

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS map library, 4103.W52 i5.1-189	8-11-1934	1:63360	1:63360	Secondary source

Annotated Bibliography (data source, brief description of information)

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

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

Mine notes (Williamson County) - Mine type, shaft location, seam.

Composite map from J. C. Quade field notes, ISGS map library, 4103.W52 i5.1-189 - Shaft location, mine outline, mining method.

Mine Index 4020**City Lake Coal Company, City Lake Mine**

Type: Underground Total mined-out acreage shown: 112 Much of this area was later surface-mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Williamson	9S 2E	4	SE SE NW
Air shaft	Williamson	9S 2E	4	NE NE SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Springfield	46 (40-60)			4.0-8.0	RP

Geologic Problems Reported: The coal was level, and the mining conditions were good, but the seam was very dirty.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Carterville Black Diamond Coal Company	Carterville Black Diamond No. 1	1917-1923 *	51,797
Carterville Black Diamond Coal Company	Carterville Black Diamond No. 2	1924-1925	53,072
City Lake Coal Company	City Lake	1926-1935	<u>163,595</u>
			268,464

* Idle 1919

Last reported production: May 1935

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS map library, 4103.W52 i5.1-189	8-11-1934	1:63360	1:63360	Secondary source

Annotated Bibliography (data source, brief description of information)

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

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

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

ISGS field notes (Williamson County, E. T. Benson, 1932) - Geologic problems.

Composite map from J. C. Quade field notes, ISGS map library, 4103.W52 i5.1-189 - Slope & shaft location, mine outline, mining method.

Mine Index 4021**McLaren Coal Company, McLaren Mine**

Type: Surface Total mined-out acreage shown: 140

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Pit / tipple	Williamson	9S 2E	4	NW NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin & Springfield					Surface

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
McLaren Coal Company *	McLaren	circa 1918	

* The location given is the same as the New Enterprise Mine (mine index 4022); they were probably the same mine, reporting production under the New Enterprise name. Production shown for the New Enterprise Mine indicates 40 to 45 acres were mined (see the back of the directory for additional possible production). The ISGS field notes (dated 1932) also refer to a Britain Coal Company, a shipping mine that operated in the Springfield Coal in 33-T8S-R2E west of the Chicago, Burlington & Quincy Railroad. No production was reported in the annual Coal Reports under this name. The ISGS field notes dated 1906 also note a surface mine in the middle of the west half of 4-T9S-R2E operated by E. D. Odeum. The back of this directory shows an Odum mine, but this operated in the 1920s. It seems likely that numerous small producers operated in this area over the years.

Last reported production:

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS map library, 4103.W52 i5.1-189	8-11-1934	1:63360	1:63360	Secondary source

Annotated Bibliography (data source, brief description of information)

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

Mine notes (Williamson County) - Mine type, mine location.

Composite map from J. C. Quade field notes, ISGS map library, 4103.W52 i5.1-189 - Mine location, mine outline.

Mine Index 4022**New Enterprise Coal Company, New Enterprise No. 1 Mine**

Type: Surface Total mined-out acreage shown: None This may be the same mine as mine index 4021, McLaren Mine. Production indicates 40 to 45 acres were mined out.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Pit / tipple	Williamson	9S 2E	4	SW NW NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	18-20			5.0-7.0	Surface

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
New Enterprise Coal Company	New Enterprise No. 1	1914-1918	<u>410,060</u> 410,060

Last reported production: March 1918

SOURCES OF DATA

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

* Point plotted onto 1:24,000 USGS topographic map and digitized.

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 (Williamson County) - Mine names, mine index, ownership, years of operation.
 Mine notes (Williamson County) - Mine type, mine location.

Mine Index 4024
Joe Poteete, Poteete Mine

Type: Underground Total mined-out acreage shown: None Not shown on accompanying map due to later surface-mining by the Energy Mine (mine index 882).

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Slope	Williamson	9S 2E	9	SE SW NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Springfield	36			4.0	RP

Geologic Problems Reported: The coal was "rather dirty" and had considerable slack in it. The seam dipped to the north and west, more steeply to the west.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Joe Poteete *	Poteete		

* No company or individual of this name was listed in the Coal Reports. Production and years of operation are unknown, but the field notes imply the mine was active in 1932, when mines producing less than 1,000 tons per year were not reported.

Last reported production:

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Mine notes	Undated	(text only)	1:24000 **	Secondary source
ISGS field notes (E. T. Benson)	8-10-1932	(text only)	1:24000 **	Secondary source

** Point plotted onto 1:24,000 USGS quadrangle and digitized.

Annotated Bibliography (data source, brief description of information)

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

Mine Index 4025**Pinnacle Coal Company, Pinnacle Mine**

Type: Underground Total mined-out acreage shown: None Not shown on accompanying map due to later surface mining by the Energy Mine (mine index 882). Production indicates less than 1 acre was mined by Pinnacle Coal Company.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Williamson	9S 2E	9	SW NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Springfield					RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Pinnacle Coal Company	Pinnacle *	1936-1937	<u>605</u> 605

* Also known as McCluskey Mine; may have previous owners (see the unlocated mines at the back of this report)

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

** Point plotted onto 1:24,000 USGS topographic map and digitized.

Annotated Bibliography (data source, brief description of information)

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

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

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

Mine Index 4026**Peabody Coal Company, Peabody No. 1 Mine**

Type: Underground Total mined-out acreage shown: 2,019 with a 22-acre general area of mining (some of which has been truncated by later surface mining); connected underground to Peabody No. 2 (mine index 4028) and Peabody No. 3 (mine index 60). Boundaries between the mines could not be differentiated.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Snider slope	Williamson	9S 2E	12	NE NW NW *
No. 1 slope	Williamson	9S 2E	11	NE SW SE *
Air shaft	Williamson	9S 2E	12	NW SW NW **

* Not shown on accompanying map due to later removal by surface mining.

** Possible location for this air shaft. See Wilkinson Coal Company (mine index 6557) for more information.

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	21-90		10.0	9.0	MRP

Geologic Problems Reported: The source map shows an area of "caved sand" in the southeastern tip of the mine.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Johnston & Read	Johnston & Read	1895-1896	75,000
Ohio & Mississippi Valley Coal & Mng. Co.	Snider; Ohio & Miss. Valley No. 1	1896-1900	296,711
Southern Illinois Coal Mng. & Washing Co.	Southern Illinois No. 1	1900-1901	25,900
Peabody Coal Company ***	Peabody No. 1	before 1908	<u>not reported</u> 397,611

*** Generally the name Peabody would not be considered the final mine name because of the lack of known production. In this case, the mine extent is known through Peabody Coal Company maps, and mining may have occurred under the Peabody name and been reported under Peabody No. 2 Mine's (mine index 4028) production, since the mines are contiguous.

Last reported production: 1901

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Company, 4103.W52 i5.1-143	8-4-1932	1:2400	1:2400	Final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

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

Mine notes (Williamson County) - Mine type, slope & shaft locations, seam, depth, thickness.

Company map, ISGS map library, 4103.W52 i5.1-143 - Shaft & slope locations, mine outline, mining method, geologic problems.

Mine Index 4028**Peabody Coal Company, Peabody No. 2 Mine**

Type: Underground Total mined-out acreage shown: 2,019 with a 22-acre general area of mining (some of which has been truncated by later surface mining); connected underground to Peabody No. 1 (mine index 4026) and Peabody No. 3 (mine index 60). Boundaries between the mines could not be differentiated.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Williamson	9S 2E	11	SE NW NE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	78-84			7.0-9.0	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Ohio & Mississippi Valley Coal & Mng. Co.	Ohio & Mississippi Valley No. 2	1897-1900	243,343
Southern Illinois Coal Mng. & Washing Co.	Southern Illinois No. 2	1900-1904	639,461
Peabody Coal Company	Peabody No. 2	1904-1916	<u>1,419,571</u>
			2,302,375

Last reported production: May 1916

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Company, 4103.W52 i5.1-143	8-4-1932	1:2400	1:2400	Final

Annotated Bibliography (data source, brief description of information)

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

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

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

Company map, ISGS map library, 4103.W52 i5.1-143 - Slope location, mine outline, mining method.

Mine Index 4030**Blue Ribbon Coal Company, Blue Ribbon Mine**

Type: Underground Total mined-out acreage shown: 13

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Williamson	9S 2E	12	1075 FNL, 2150 FEL

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Springfield	46			4.0	MRP

Geologic Problems Reported:**PRODUCTION HISTORY**

Company	Mine Name	Years	Production (tons)
E. L. Geer	Geer	circa 1932	unknown *
Blue Ribbon Coal Company	Blue Ribbon	ca. 1935-1936	unknown *

* Neither name was listed in the Coal Reports, and production is unknown. The survey date of 1932 and map date of 1936 indicates most of the mining would have occurred in the period 1930 to 1934, when mines producing less than 1,000 tons per year were not reported, or the production could have been reported under another name.

Last reported production:

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Company, 4103.W52 i5.1-20	2-15-1936	1:1200	1:1200	Not final **

** The map may be final but, since production was not reported, it is more prudent to indicate that more mining may have occurred after the map was produced.

Annotated Bibliography (data source, brief description of information)

Directory of Illinois Coal Mines (Williamson County) - Mine names, mine index, ownership, years of operation.
 Mine notes (Williamson County) - Mine type, slope location, seam, depth, thickness.
 Company map, ISGS map library, 4103.W52 i5.1-20 - Slope location, mine outline, mining method.

Mine Index 4031**Polinski Coal Company, Polinski Mine**

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

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Pit	Williamson	9S 2E	12	NW SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	25-30			8.0	Surface

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Polinski Coal Company	Polinski	1947-1948	<u>14,021</u> 14,021

Last reported production: September 1948

SOURCES OF DATA

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

* Point plotted onto 1:24,000 USGS quadrangle and digitized.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

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

Mine notes (Williamson County) - Mine type, mine location, seam.

Mine Index 4032
Henry T. Simpson, Simpson Mine

Type: Underground Total mined-out acreage shown: Not shown on accompanying map due to later surface mining. Production indicates approximately 3 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Williamson	9S 2E	12	NE NW SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	25-40			7.0-9.0	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
L. A. Woodbridge	Woodbridge	1907-1911	2,200
Henry T. Simpson	Simpson	1911-1915	15,000
			17,200

Last reported production: 1915

SOURCES OF DATA

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

* Point plotted onto 1:24,000 USGS topographic map and digitized.

Annotated Bibliography (data source, brief description of information)

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

Mine Index 4033
Gifford Price, Price Mine

Type: Underground Total mined-out acreage shown: None Not shown on accompanying map due to later surface mining. Production indicates approximately 1 acre was mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Williamson	9S 2E	12	NW NW SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	15-30			9.0	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Price & McCawn *	Price & McCawn	1907-1908	2,500
M. M. MacCoun	MacCoun	1908-1909	1,300
Gifford Price	Price	1909-1910	<u>7,000</u>
			10,800

* According to ISGS field notes (G. H. Cady, 6-13-1908), the name may be Gilford Price and William McGowan.

Last reported production: 1910

SOURCES OF DATA

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

** Point plotted onto 1:24,000 USGS quadrangle and digitized.

Annotated Bibliography (data source, brief description of information)

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

Mine Index 4036**R. Y. W. Coal Company, R. Y. W. Mine**

Type: Surface Total mined-out acreage shown: None, part of a larger surface-mined area Production indicates approximately 2 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Tipple / pit	Williamson	9S 2E	12	NE NW NE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	20			7.0-8.0	Surface

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
R. Y. W. Coal Company	R. Y. W.	1948-1950	<u>23,245</u> 23,245

Last reported production: March 1950

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Coal Section files, work map	Undated	1:62500	1:62500	Secondary source

Annotated Bibliography (data source, brief description of information)

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

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

Mine notes (Williamson County) - Mine type, mine location, seam.

Coal Section files, work map plotted on USGS West Frankfort Quadrangle (15') topographic map base - Mine location.

Mine Index 4037**Square Deal Coal Company, Square Deal Mine**

Type: Underground Total mined-out acreage shown: 3 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 drift	Williamson	9S 2E	12	NE NE NW
Air drift	Williamson	9S 2E	12	NE NE NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Springfield	22			7.5	MRP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Consumers Coal & Materials Company	Consumers No. 2	1936-1938	5,738
Gulledge & Rushing	Consumers No. 2	1939-1939	541
Square Deal Coal Company	Square Deal	1940-1940	6,000 *
			12,279

* Production after map date

Last reported production: 1940

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Company, 4103.W52 i5.1-29	10-17-1939	1:1200	1:1200	Not final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

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

Mine notes (Williamson County) - Mine type, drift location, seam, depth, thickness.

Company map, ISGS map library, 4103.W52 i5.1-29 - Drift locations, mine outline, mining method.

Mine Index 4038**Square Deal Coal Company, Square Deal Mine**

Type: Underground Total mined-out acreage shown: 11 Not shown on the accompanying map because the Square Deal Mine re-mined portions of Peabody No. 1 Mine (mine index 4026). Production indicates less than 1 acre was mined after the map date.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	Williamson	9S 2E	12	SW NW NW
Main slope (Bridis)	Williamson	9S 2E	12	SW NW NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	47			8.0	RPB

Geologic Problems Reported: Several roof falls are labeled on the source map in all parts of the mine. This suggests poor roof conditions that are probably related to the mine's proximity to the surface, as well as the abandonment of that portion of the old Peabody No. 1 Mine workings (1895-1901).

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
C. M. Bridis	Bridis	1930-1934	24,629
Square Deal Coal Company	Square Deal	1935-1937	10,617
Square Deal Coal Company	Square Deal	1937-1937	843 *
			36,089

* Production after map date

Last reported production: 1937

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Company, 4103.W52 i5.1-106	1-1-1937	1:1200	1:1200	Not final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

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

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

Company map, ISGS map library, 4103.W52 i5.1-106 - Slope locations, mine outline, mining method, geologic problems.

Mine Index 4039**Blue Bell Coal Company, Blue Bell No. 1 Mine**

Type: Underground Total mined-out acreage shown: 37

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Williamson	9S 2E	12	SW NW NW
Air shaft	Williamson	9S 2E	12	SE NW NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Springfield	80			4.0	RPB

Geologic Problems Reported: The source map shows a fault in the northeastern corner of the mine.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Blue Bell Coal Company	Blue Bell	1938-1947 *	22,758
Logan & Bevell Coal Company	Blue Bell	1948-1948	700
Blue Bell Coal Company	Blue Bell No. 1	1949-1961	<u>34,199</u>
			57,657

* Idle 1943, 1946 & 1947

Last reported production: December 1961

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 353255	12-15-1961	1:1200	1:1821	Final

Annotated Bibliography (data source, brief description of information)

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

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

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

Microfilm map, document 353255, reel 03142, frame 196 - Slope & shaft locations, mine outline, mining method, geologic problems.

Mine Index 4041**Peabody Coal Company, Utility Mine**

Type: Surface Total mined-out acreage shown: 474 Production indicates approximately 200 acres were mined. The remainder of the area was mined by smaller unaffiliated mines.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Tipple	Williamson	9S 3E	4	SE SW SE
Pits	Williamson	9S 3E	8,9,10,11, 12, 13, 14	

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	20-57			5.67-8.0	Surface
Springfield	40-65			3.58	Surface

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Utility Coal Company	Utility	1958-1963	1,266,648
Peabody Coal Company	Utility	1963-1966	759,763
			2,026,411

Last reported production: February 1966

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Company, 4103.W52 i5.1-178	8-29-1969	1:2400	1:2400	Final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

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

Mine notes (Williamson County) - Mine type, tipple location.

Company map, ISGS map library, 4103.W52 i5.1-178 - Mine outline.

Mine Index 4042**Schull & Moake Coal Company, Schull & Moake Mine**

Type: Underground Total mined-out acreage shown: 90 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	Williamson	9S 3E	5	NW NE NW
Air shaft	Williamson	9S 3E	5	NE NW NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	130			9.0	MRP

Geologic Problems Reported: Water caused entries in NW NW 5-T9S-R3E to be abandoned, as well as the extensions into SE SE 31-T8S-R3E.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Wilkins & Biggs Coal Company	Wilkins & Biggs No. 2	1944-1947	176,946
Schull & Moake Coal Company	Schull & Moake	1947-1951	<u>288,680</u>
			465,626

Last reported production: April 1951

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Company, 4103.W52 i5.1-125	3-2-1952	1:2400	1:2400	Final

Annotated Bibliography (data source, brief description of information)

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

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

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

Company map, ISGS map library, 4103.W52 i5.1-125 - Slope & shaft locations, mine outline, mining method.

Mine Index 4043**R. W. Marshall Coal Company, Marshall Mine, Pit No. 3**

Type: Surface 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
Tipple / pit	Williamson	9S 3E	6	SE SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	38			7.5	Surface

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
R. W. Marshall Coal Company	Marshall Mine, Pit No. 3	1959-1960	<u>4,160</u> 4,160

Last reported production: June 1960

SOURCES OF DATA

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

* Point plotted onto 1:24,000 USGS quadrangle and digitized.

Annotated Bibliography (data source, brief description of information)

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

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

Mine notes (Williamson County) - Mine type, mine location.

Mine Index 4044**Hickey Brothers Coal Company, Hickey Mine**

Type: Underground Total mined-out acreage shown: 2

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Williamson	9S 3E	6	SE SE SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Springfield	74			4.17	RPB

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Hickey Brothers Coal Company	Hickey	1948-1953	<u>4,070</u> 4,070

Last reported production: 1953

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 353083	1-6-1954	1:1200	1:1572	Final

Annotated Bibliography (data source, brief description of information)

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

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

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

Microfilm map, document 353083, reel 03141, frame 281 - Slope location, mine outline, mining method.

Mine Index 4045**Thomas Hickey Coal Company, Hickey Mine**

Type: Underground Total mined-out acreage shown: 10

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Williamson	9S 3E	6	SW SW SE
Air shaft	Williamson	9S 3E	6	SW SW SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Springfield	60-64			4.0	RPB

Geologic Problems Reported: A fault is labeled on the source map in the south-central portion of the mine.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Thomas Hickey Coal Company	Hickey	1934-1948	<u>35,960</u> 35,960

Last reported production: February 1948

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 353084	2-22-1948	1:1200	1:1200	Final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

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

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

Microfilm map, document 353084, reel 03141, frame 284 - Slope & shaft locations, mine outline, mining method, geologic problems.

Mine Index 4046**P. & R. Coal Company, P & R. No. 1 Mine**

Type: Surface Total mined-out acreage shown: Part of a larger surface-mined area. Production indicates approximately 2 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Tipple / pit	Williamson	9S 3E	6	NW SW SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	20			6.0-8.0	Surface

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
P. & R. Coal Company	P. & R. No. 1	1956-1957	<u>23,300</u> 23,300

Last reported production: October 1957

SOURCES OF DATA

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

* Point plotted onto 1:24,000 USGS topographic map and digitized.

Annotated Bibliography (data source, brief description of information)

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

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

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

Mine Index 4047
Roy Atwood, Atwood Mine

Type: Surface 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
Tipple / pit	Williamson	9S 3E	6	SE NW SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	14			7.0	Surface

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Roy Atwood	Atwood	1937-1943	<u>7,392</u> 7,392

Last reported production: 1943

SOURCES OF DATA

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

* Point plotted onto 1:24,000 USGS quadrangle and digitized.

Annotated Bibliography (data source, brief description of information)

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

Mine Index 4048**New Spillertown Coal Company, New Spillertown Mine**

Type: Underground Total mined-out acreage shown: None Production indicates approximately 11 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Williamson	9S 3E	6	NW NW SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Springfield					RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
New Spillertown Coal Company *	New Spillertown	1940-1942	<u>46,072</u> 46,072

* Ownership changed in 1942, but the mine reported under the same name.

Last reported production: 1942

SOURCES OF DATA

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

** Point plotted onto 1:24,000 USGS topographic map and digitized.

Annotated Bibliography (data source, brief description of information)

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

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

Mine notes (Williamson County) - Mine type, slope location.

Mine Index 4049**Blue Ribbon Coal Company, Blue Ribbon Mine**

Type: Underground Total mined-out acreage shown: 45 Production indicates approximately 28 acres were mined after the map date.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Williamson	9S 3E	6	SE NE SW
Air shaft	Williamson	9S 3E	6	SW NW SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Springfield	70-74				MRP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Blue Ribbon Coal Company	Blue Ribbon No. 2	1934-1939	216,412
Clyde Chamness	Blue Ribbon No. 2	1939-1939	6,652
Blue Ribbon Coal Company	Blue Ribbon No. 2	1940-1942	95,685
Blue Ribbon Coal Company	Blue Ribbon No. 2	1942-1943	82,007 *
David Brown	Blue Ribbon No. 3	1944-1945 **	6,629 *
Blue Ribbon Coal Company	Blue Ribbon	1946-1946	11,669 *
			419,054

* Production after map date

** Idle 1945

Last reported production: 1946

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 353098	1-15-1942	1:1200	1:2483	Not final
Microfilm, document 353084	2-22-1948	1:1200	1:1200	Secondary source
Microfilm, document 353247	5-23-1956	1:2400	1:4966	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

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

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

Microfilm map, document 353098, reel 03141, frame 303 - Slope & shaft locations, mine outline, mining method.

Microfilm map, document 353084, reel 03141, frame 284, map of Thomas Hickey Mine (mine index 4045) - Mine outline (southwest).

Microfilm map, document 353247, reel 03142, frame 188, map of New Spillertown No. 2 Mine (mine index 4054) - Mine outline (northeast).

Mine Index 4050**Martin Coal Company, Martin No. 1 Mine**

Type: Surface Total mined-out acreage shown: None, part of a larger surface-mined area. Production indicates approximately 6 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Tipple / pit	Williamson	9S 3E	6	SE NW SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	23-32			7.0-7.5	Surface

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Martin Coal Company	Martin No. 1	1945-1948	<u>72,487</u> 72,487

Last reported production: February 1948

SOURCES OF DATA

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

* Point plotted onto 1:24,000 USGS topographic map and digitized.

Annotated Bibliography (data source, brief description of information)

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

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

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

Mine Index 4051**Equator Coal Company, Equator Mine**

Type: Underground Total mined-out acreage shown: 2 Production indicates approximately 26 acres were mined after the map date.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Williamson	9S 3E	6	NE NE SE
Air shaft	Williamson	9S 3E	6	NE NE SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	70			7.5-8.0	RPB

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Zeigler Coal Company	Zeigler	1937-1937	200
Lauder & Hausman	Red Devil	1938-1938	250
Black Crystal Coal Company	Black Crystal *	1938-1941	10,755
Black Crystal Coal Company	Black Crystal	1941-1942	3,671 **
Wilkins Coal Company	Wilkins	1942-1944	68,878 **
Equator Coal Company	Equator	1944-1947	<u>110,900</u> **
			194,654

* The name is spelled "Chrystal" on the mine map.

** Production after map date

Last reported production: November 1947

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Company, 4103.W52 i5.1-23	8-31-1941	1:1200	1:1200	Not final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

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

Mine notes (Williamson County) - Mine type, shaft locations, seam, depth, thickness, geologic problems.

Company map, ISGS map library, 4103.W52 i5.1-23 - Slope & shaft locations, mine outline, mining method.

Company map, ISGS map library, 4103.W52 i5.1-34 and microfilm document 353141 - Mine name (Red Devil).

Mine Index 4052**Wilkins Fuel Company, Wilkins Mine**

Type: Surface Total mined-out acreage shown: 7

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Tipple / pit	Williamson	9S 3E	6	SE SW NE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	30-38			7.5-7.67	Surface

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Wilkins Fuel Company *	Wilkins	1948-1948	<u>45,772</u> 45,772

* The 1951 Coal Report lists the name as Arleigh Wilkins.

Last reported production: December 1948

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 353220	3-23-1949	1:2400	1:2648	Final

Annotated Bibliography (data source, brief description of information)

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

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

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

Microfilm map, document 353220, reel 03142, frame 145 - Mine location, mine outline, mining method.

Mine Index 4053**Chamness Coal Company, Chamness 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 opening	Williamson	9S 3E	6	SE NE NE

GEOLOGY

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

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Chamness Coal Company *	Chamness	1930-1930	<u>3,800</u> 3,800

* The mine notes indicate the owner was Clyde Chamness.

Last reported production: 1930

SOURCES OF DATA

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

** Point plotted onto 1:24,000 USGS topographic map and digitized.

Annotated Bibliography (data source, brief description of information)

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

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

Mine notes (Williamson County) - Mine type, mine location.

Mine Index 4054**Wilkins Coal Company, New Spillertown No. 2 Mine**

Type: Underground Total mined-out acreage shown: 75

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Williamson	9S 3E	6	NW NE SE
Air shaft	Williamson	9S 3E	6	SE SW NE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Springfield	86-100			4.0	MRP

Geologic Problems Reported: The source map shows water and bad top stopped expansion west and slightly north of the air shaft. (This could indicate that the surface mining in that area had already occurred.) Water and bad top were also noted along the eastern side of the northern part of the mine, and along the southeast. There are numerous large un-mined portions within the mine, indicating that poor mining conditions were probably present throughout the mine.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Wilkins Coal Company	New Spillertown No. 2	1949-1956	242,696
			242,696

Last reported production: May 1956

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 353247	5-23-1956	1:2400	1:4966	Final

Annotated Bibliography (data source, brief description of information)

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

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

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

Microfilm map, document 353247, reel 03142, frame 188 - Slope & shaft locations, mine outline, mining method, geologic problems.

Mine Index 4055**Carl Wenzel Construction Company, Wenzel No. 2 Mine**

Type: Surface Total mined-out acreage shown: None Production indicates approximately 4 acres were mined. This mine is shown on the accompanying map as part of the Falkerson Mine (mine index 4011).

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Tipple / pit	Williamson	9S 2E	12	N ½ NE NE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	18-20			6.0	Surface
Springfield	27			3.5	Surface

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Carl Wenzel Construction Company	Wenzel No. 2	1956-1957	<u>32,625</u> 32,625

Last reported production: July 1957

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
John Nelson, Williamson County Mines	2003	(text only)	1:24000 *	Secondary source

* Point plotted onto 1:24,000 USGS topographic map and digitized.

Annotated Bibliography (data source, brief description of information)

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

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

Mine notes (Williamson County) - Mine type, mine location, seam.

Catalog of Coal Mines in Williamson County, W. John Nelson, 2003 - Mine location.

Mine Index 4056**Morris Coal Company, Morris No. 1 Mine**

Type: Underground Total mined-out acreage shown: 3 Production indicates approximately 7 acres were mined after the map date.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Williamson	9S 3E	7	SE NE NW
Air shaft	Williamson	9S 3E	7	SE NE NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Springfield	110			4.0	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Philips & Yearock	Philips & Yearock	1938-1938	25
Yearock Brothers Coal Company	Yearock Brothers	1939-1939	874
Egyptian Coal Company	Egyptian	1939-1942	11,714
Egyptian Coal Company	Egyptian	1942-1943	9,572 *
Norris & Sons Coal Company	Norris	1944-1944	22,433 *
Morris Coal Company	Morris No. 1	1945-1945	<u>28,688</u> *
			73,306

* Production after map date

Last reported production: 1945

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 353076	5-2-1942	1:1200	1:1076	Not final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

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

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

Microfilm map, document 353076, reel 03141, frame 269 - Slope & shaft locations, mine outline, mining method.

Mine Index 4057**Weisbrodt Coal Company, Weisbrodt Mine**

Type: Underground Total mined-out acreage shown: 2

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main drift	Williamson	9S 3E	7	NE NE NW *
Air shaft	Williamson	9S 3E	7	NE NE NW *

* Not shown on accompanying map; later surface mined.

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	23			8.0	RP

Geologic Problems Reported:**PRODUCTION HISTORY**

Company	Mine Name	Years	Production (tons)
Charles L. Weisbrodt	Weisbrodt	1925-1934 **	14,200
Weisbrodt Coal Company	Weisbrodt	1935-1937	<u>1,510</u>
			15,710

** Production not reported in 1931 & 1932 (idle or produced less than 1,000 tons per year)

Last reported production: 1937

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 353086	11-16-1937	1:1200	1:1200	Final

Annotated Bibliography (data source, brief description of information)

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

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

Mine notes (Williamson County) - Mine type, drift location, seam, depth, thickness.

Microfilm map, document 353086, reel 03141, frame 286 - Drift and shaft locations, mine outline.

Mine Index 4058**Blackburn Coal Company, Blackburn Mine**

Type: Surface Total mined-out acreage shown: Part of a larger surface-mined area. Production indicates approximately 4 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Pit / tipple	Williamson	9S 3E	7	SW NE NW

GEOLOGY

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

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Blackburn Coal Company	Blackburn	1918-1919	<u>38,103</u> 38,103

Last reported production: 1919

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
John Nelson, Williamson County Mines	2003	(text only)	1:24000 *	Secondary source
ISGS field notes (J. M. Weller)	1928	(text only)	1:24000 *	Secondary source

* Point plotted onto 1:24,000 USGS topographic map and digitized.

Annotated Bibliography (data source, brief description of information)

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

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

Mine notes (Williamson County) - Mine type, mine location.

ISGS field notes (Williamson County) - Mine location.

Catalog of Coal Mines in Williamson County, W. John Nelson, 2003 - Mine location.

Mine Index 4059**Blue Ribbon Coal Company, Blue Ribbon No. 3 Mine**

Type: Underground Total mined-out acreage shown: 21

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Williamson	9S 3E	7	NW NE NE
Air shaft	Williamson	9S 3E	7	NW NE NE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Springfield	64			4.0-4.17	MRP

Geologic Problems Reported:**PRODUCTION HISTORY**

Company	Mine Name	Years	Production (tons)
Blue Ribbon Coal Company	Blue Ribbon No. 3	1945-1951 *	<u>57,265</u> 57,265

* Idle 1946

Last reported production: December 1951

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 353202	11-11-1951	1:1200	1:1572	Not final **

** The mined area shown on the accompanying map is the approximate size expected for the production reported. This suggests that the mine outline is complete.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

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

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

Microfilm map, document 353202, reel 03142, frame 111 - Slope & shaft locations, mine outline, mining method.

Mine Index 4060**Joe Day Coal Company, Day Surface Mine**

Type: Surface Total mined-out acreage shown: 17 Production indicates less than 2 acres were mined. Old works were noted on the north side of the east half of the mine. Day may have surface-mined the pillars of old underground workings.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Tipple / pit	Williamson	9S 3E	7	NW SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	30			5.5	Surface

Geologic Problems Reported: Old works are noted on the northern side of the eastern half of the mine.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Joe Day Coal Company	Day Surface	1948-1948	<u>14,195</u> 14,195

Last reported production: November 1948

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 353216	12-22-1948	1:1200	1:1200	Not final

Annotated Bibliography (data source, brief description of information)

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

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

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

Microfilm, document 353216, reel 03142, frame 137 - Mine outline, seam, mining method, geologic problems.

Mine Index 4061**Old Bruce Coal Company, Old Bruce Mine**

Type: Underground Total mined-out acreage shown: 320 This includes the area for Henderson & Wallace No. 1 Mine (mine index 173).

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Williamson	9S 3E	8	SE SE NE
Air shaft	Williamson	9S 3E	8	SE SE NE *

* Shared with Henderson & Wallace No. 1 Mine (mine index 173).

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	49	5.0	8.0	6.5-7.0	MRP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Henderson-Wallace Coal Company	Henderson-Wallace No. 2	1926-1931 **	258,128
W. E. Grissom Coal Company	Grissom No. 1	1932-1932	5,713
McWherter Coal Company	McWherter	1933-1933	2,200
Old Bruce Coal Company	Old Bruce	1934-1936	3,665
			269,706

** Idle 1931

Last reported production: 1936

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 353140	10-1934	1:1200	1:1655	Not final

Annotated Bibliography (data source, brief description of information)

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

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

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

Microfilm map, document 353140, reel 03142, frame 17 - Mine outline, slope & air shaft locations, mining method.

Mine Index 4062**Gentry Coal Company, Gentry No. 7 Mine**

Type: Underground Total mined-out acreage shown: 45 Production indicates approximately 75 acres were mined after the map date.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Williamson	9S 3E	8	SW SW NE
Air shaft	Williamson	9S 3E	8	NE NE SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Springfield	100			4.0-4.17	MRP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Diamond Star Coal Company	Diamond Star	1938-1942	15,458
Seymour Coal Mining Company	Seymour	1942-1942	771
New Black Diamond Coal Company	New Black Diamond No. 7	1943-1943	35,369
Gentry Coal Company	Gentry No. 7	1944-1945	101,102
Gentry Coal Company	Gentry No. 7	1945-1948	265,130 *
			417,830

* Production after map date

Last reported production: June 1948

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 353048	2-10-1945	1:1200	1:2317	Not final

Annotated Bibliography (data source, brief description of information)

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

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

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

Microfilm map, document 353048, reel 03141, frames 233-234 - Slope & shaft locations, mine outline, mining method.

Mine Index 4181**L. A. Woodbridge, Woodbridge 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	Williamson	9S 2E	1	SW SE NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin				9.0	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
L. A. Woodbridge	Woodbridge	1907-1909	<u>2,375</u> 2,375

Last reported production: 1909

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS field notes (G. H. Cady)	6-13-1908	(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, seam.

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

ISGS field notes (Williamson County) - Mine type, slope location, thickness.

Mine Index 4250**Standard Colliery Company, Standard No. 1 Mine**

Type: Underground Total mined-out acreage shown: None Production indicates approximately 76 acres were mined. Not shown on accompanying map because of uncertain location.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	Williamson	8S 3E	31 *	

* General location based on possible relation to Johnston City Washed Coal Company, White Ash Mine (mine index 150). This mine was listed in the Coal Reports as being located near the town of White Ash.

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	94			8.0-9.0	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Chicago & Marion Coal Company	White Ash	1903-1907	316,734
Consumer's Coal & Mining Company	Consumers No. 2	1907-1908	101,165
Standard Colliery Company	Standard No. 1	1908-1911	130,755
			548,654

Last reported production: 1911

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Awaiting recovery **				

** A source map for this mine reputedly exists at the Williamson County Courthouse.

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

Mine Index 4262
Whiteside Brothers, Whiteside Mine

Type: Underground Total mined-out acreage shown: None

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	Williamson	9S 2E	1	100 FEL, 1450 FSL

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	31			8.0	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Whiteside Brothers *	Whiteside		

* The field notes indicate this mine was operating in 1932; production and years of operation are unknown. The Coal Reports indicate one mine operating as Whiteside Brothers in 1932. We have shown this production under mine index 4524.

Last reported production:

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Mine notes	1932	(text only)	1:24000 **	Secondary source
ISGS field notes (E. T. Benson)	1932	(text only)	1:24000 **	Secondary source

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

Annotated Bibliography (data source, brief description of information)

Directory of Illinois Coal Mines (Williamson County) - Mine names, mine index, ownership, years of operation.
 Field notes (Williamson County) - Mine type, drift location.
 Mine notes (Williamson County) - Mine location, seam, depth, thickness.
 ISGS field notes (Williamson County) - Mine type, depth, thickness.

Mine Index 4451
S. H. Goodall, Jr., Goodall 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	Williamson	9S 2E	1	SE SE NE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	62			8.0	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Sam H. Goodall, Sr.	Goodall	1920-1923	700 *
S. H. Goodall, Jr.	Goodall	1923-1923	1,200
Harry Jette **	Jette	circa 1932	<u>none reported</u> *** 1,900

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

** The Harry Jette Mine was also at the location shown on the accompanying map, as well as another shaft 75 feet west of the location shown. Jette was not listed in the Coal Reports. The Goodall Mine was reported as the source of a sinkhole due to a collapsed room, and the field notes reported that several old mines were in this vicinity.

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

Last reported production: 1923

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS field notes (E. T. Benson)	8-17-1932	(text only)	1:24000 ***	Secondary source

*** Point plotted onto 1:24,000 USGS topographic map and digitized.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

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

ISGS field notes (Williamson County) - Mine location, depth, thickness, mining method.

Mine Index 4523**Binkley & Miles, Old Blackburn Mine**

Type: Underground Total mined-out acreage shown: None Not shown on accompanying map due to later surface mining. Production indicates approximately 4 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	Williamson	9S 3E	6	SE SE SW
Air shaft	Williamson	9S 3E	7	NE NE NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	20-30			7.5-9.0	RP

Geologic Problems Reported: The north-south rooms extended approximately 70 to 80 yards, limited by poor roof conditions. Some top coal (1.17 to 1.5 feet) was left to support the roof.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Binkley & Miles	Old Blackburn	1906-1911	<u>34,500</u> 34,500

Last reported production: 1911

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Mine notes	1909	(text only)	1:24000 **	Secondary source
ISGS field notes (G. H. Cady)	1908	(text only)	1:24000 **	Secondary source

** Point plotted onto 1:24,000 USGS topographic map and digitized.

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 (Williamson County) - Mine names, mine index, ownership, years of operation.
 Mine notes (Williamson County) - Mine type, shaft location, seam, depth, thickness.
 ISGS field notes (Williamson County) - Mine type, shaft locations, thickness, geologic problems.

Mine Index 4524**Whiteside Co-operative Coal Company, Whiteside Mine**

Type: Underground Total mined-out acreage shown: None Not shown on accompanying map due to later surface mining. Production indicates less than 2 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Williamson	9S 2E	1	2025 FEL, 100 FSL

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	21-31			7.5-8.0	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Whiteside Brothers Coal Company	Whiteside	1931-1931	3,670
Whiteside & Barger	Whiteside	1932-1932	3,000
Whiteside Brothers	Whiteside	1933-1934 *	1,000
Whiteside Co-operative Coal Company	Whiteside	1935-1935	150
			7,820 **

* Idle 1934

** The field notes indicate two Whiteside mines operating in 1932. The production shown here could not be reliably split between the two mines, since the Coal Reports only list one Whiteside Mine. See mine index 4262, Whiteside Brothers.

Last reported production: 1935

SOURCES OF DATA

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

** Point plotted onto 1:24,000 USGS topographic map and digitized.

Annotated Bibliography (data source, brief description of information)

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

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

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

Mine Index 4526**Hamilton Coal Company, Hamilton Mine**

Type: Surface Total mined-out acreage shown: 33 This includes other unaffiliated surface mines.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Tipple / pit	Williamson	9S 2E	12	SW NW NE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	22			7.5	Surface

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Consumers Coal & Materials *	Consumers No. 1	1931-1938	59,634
Hamilton Coal Company **	Hamilton	circa 1932	<u>unknown</u> 59,634

* According to the ISGS mine notes, the location corresponds to that mapped for Hamilton Coal Company, although these two companies may not be associated with each other. (They may only have mined near each other.)

** No production was listed in the Coal Reports under this name. According to the ISGS mine database, this mine operated circa 1932, when mines producing less than 1,000 tons per year were not reported. If it actually operated in 1930, Hamilton could be a precursor to Consumers No. 1 Mine.

Last reported production: 1938

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS map library, 4103.W52 i5.1-189	8-11-1934	1:63360	1:63360	Secondary source

Annotated Bibliography (data source, brief description of information)

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

Mine notes (Williamson County) - Mine type, mine location.

Composite map from J. C. Quade field notes, ISGS map library, 4103.W52 i5.1-189 - Mine location, mine outline.

Mine Index 4527
Equator Coal Company, Equator Mine

Type: Underground Total mined-out acreage shown: 9 Production indicates approximately 5 acres were mined. There may have been previous owners (see the unlocated mines at the back of this report).

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Williamson	9S 2E	12	SW NE NW
Air shaft	Williamson	9S 2E	12	SW NE NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Springfield	46			4.0	RPB

Geologic Problems Reported: A fault is shown on the source map at the northern tip of the mine.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Equator Coal Company	Equator	1936-1938	16,951
			16,951

Last reported production: 1938

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 353053	8-18-1938	1:1200	1:1241	Final *

* The mine operated 120 days in 1938; the previous year, the mine operated 250 days. The map is assumed to be final in the absence of more complete information.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, seam.
 Directory of Illinois Coal Mines (Williamson County) - Mine names, mine index, ownership, years of operation.
 Mine notes (Williamson County) - Mine type, slope location, depth, thickness.
 Microfilm map, document 353053, reel 03141, frame 239 - Slope & shaft locations, mine outline, mining method, geologic problems.

Mine Index 4959**Spillertown Coal & Coke Company, Spillertown Mine**

Type: Underground Total mined-out acreage shown: None Production indicates approximately 1 acre was mined. This mine is not shown on the accompanying map. From the mine location, it seems likely this company re-mined areas of Peabody No.s 1 & 2 (mine index 4026 & 4028).

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	Williamson	9S 2E	1	NW NW SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	150			4.5-9.0	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Spillertown Coal & Coke Company	Spillertown	1908-1911	<u>5,747</u> 5,747

Last reported production: 1911

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS field notes (G. Cady)	6-16-1908	(text only)	1:24,000 *	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, seam, depth, thickness, mining method.

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

ISGS field notes (Williamson County) - Mine type, slope location, depth, thickness.

Mine Index 6496**Red Ring Coal Company, Red Ring No. 2 Mine**

Type: Surface Total mined-out acreage shown: None This mine is within an area surface-mined by Black Diamond No. 2 Mine (mine index 3975) and Southern Gem No. 4 Mine (mine index 3974). Production indicates approximately 6 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Pit	Williamson	8S 2E	33	NE NE NW & NW NW NE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	27-32			7.0-7.67	Surface

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Red Ring Coal Company	Red Ring No. 2	1950-1951	<u>69,955</u> 69,955

Last reported production: October 1951

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 353230	2-10-1952	1:1200	1:1200	Final

Annotated Bibliography (data source, brief description of information)

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

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

Mine notes (Williamson County) - Mine type & location, seam, mining method, ownership.

Microfilm map, document 353230, reel 03142, frame 160 - Mine location & outline, mining method.

Mine Index 6557**L. L. Wilkinson Coal Company, Wilkinson Mine**

Type: Underground Total mined-out acreage shown: Less than 1 acre Production indicates approximately 1 acre was mined. This production may include other small underground or surface production by Wilkinson, but all production was reported under one name.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Williamson	9S 2E	12	NW SW NW
Air shaft	Williamson	9S 2E	12	NW SW NW *

* This air shaft was shown on the map for this mine. It may be an old shaft from Peabody No. 1 Mine (mine index 4026) which was later used by Wilkinson or it may be an air shaft that was later sunk by Wilkinson into the old Peabody works.

GEOLOGY

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

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Pendley & Wilkinson	Pendley & Wilkinson No. 2	1932-1933	5,709
L. L. Wilkinson Coal Company	Wilkinson	1934-1937 **	<u>2,473</u> 8,182

** Idle 1934

Last reported production: 1937

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 353151	9-8-1937	1:1200	1:1200	Final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

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

Microfilm map, document 353151, reel 03142, frame 33 - Shaft / slope locations, mine outline, mining method.

Mine Index 6664**Vulcan Coal Company, Vulcan Mine**

Type: Surface Total mined-out acreage shown: None This mine is within an area surface-mined by various operators.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Pit	Williamson	9S 2E	1	N ½ SE SE

GEOLOGY

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

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Vulcan Coal Company *	Vulcan	circa 1917	unknown

* No surface mine was reported from 1915-1920 under this name; production and years of operation are unknown.

Last reported production:

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Mined-Out Area Maps, Area 30	1950	1:62500	1:24000	Secondary source

Annotated Bibliography (data source, brief description of information)

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

Coal Section, Mined-Out Area Map, Area 30 - Mine location.

Mine Index 6747
Mammoth Coal Company, Mammoth Mine

Type: Surface Total mined-out acreage shown: 50

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Tipple / pit	Williamson	9S 2E	3	NE SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Danville					Surface
Herrin	26-36			6.0-8.0	Surface

Geologic Problems Reported: A fault with 3 feet of displacement ran through the pit, trending northwest-southeast.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Southern Illinois Coal Company *	Southern Illinois	1921-1922	84,500
Caloric Coal Company	Caloric	1922-1923	24,915
Mammoth Coal Company	Mammoth	1923-1927	<u>174,243</u>
			283,658

* This mine is reportedly the one written about in Paul Angle's *Bloody Williamson*. The owner of Southern Illinois Coal Company (and the later Caloric Coal Company) was William J. Lester; one map referred to the outline as the "Lester Strip Mine".

Last reported production: November 1927

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS map library, 4103.W52 i5.1-189	8-11-1934	1:63360	1:63360	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.
 Directory of Illinois Coal Mines (Williamson County) - Mine names, mine index, ownership, years of operation.
 Mine notes (Williamson County) - Mine type, mine location, seam, depth, thickness, geologic problems.
 Composite map from J. C. Quade field notes, ISGS map library, 4103.W52 i5.1-189 - Mine location, mine outline.

Mine Index 6767
Rankin & Scott, Black Diamond 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	Williamson	8S 2E	33	NW SW SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Springfield	70-75			4.0	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Black Diamond Coal Company	Black Diamond	1911-1912 *	41
Rankin & Scott	Black Diamond	1912-1913	<u>400</u> 441

* The field notes indicate that a Black Diamond Mine was operating at this location in 1906 and 1908; production may be higher than shown.

Last reported production: 1913

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Mine notes	Undated	(text only)	1:24000 **	Secondary source
ISGS field notes (T. E. Savage)	1906	(text only)	1:24000 **	Secondary source
ISGS field notes (G. H. Cady)	6-12-1908	(text only)	1:24000	Secondary source

** Point plotted onto 1:24,000 USGS topographic map and digitized.

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 (Williamson County) - Mine names, mine index, ownership, years of operation.
 Mine notes (Williamson County) - Mine location, seam, depth, thickness.
 ISGS field notes (Williamson County) - Mine location, seam, depth, thickness.

Mine Index 6792**Wallace Coal Company, Wallace Mine**

Type: Underground Total mined-out acreage shown: 544 Part of the southernmost portion of the mine was later surface mined by Peabody Utility Mine (mine index 4041).

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Williamson	9S 3E	4	SE SW SE
Air shaft	Williamson	9S 3E	4	SW SW SE
Air shaft	Williamson	9S 3E	3	NW SW SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	90			6.0-7.5	MRP

Geologic Problems Reported: There was no apparent faulting in this mine. The roof was good, with a competent limestone a few inches above the coal. One location of bad top was noted on the source map, in the NE NW 10-T9S-R3E, which appears to have prevented access to some reserves. The coal was high in sulfur; pyrite was separated at picking tables and by screening.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Wallace Coal Company	Wallace, or Bruce Mine	1930-1952	2,903,963
			2,903,963

Last reported production: April 1952

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 353079	4-30-1952	1:2400	1:5296	Final
Microfilm, document 353252	10-10-1925	1:2400	1:4965	Secondary source

Annotated Bibliography (data source, brief description of information)

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

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

Mine notes (Williamson County) - Mine type, slope location, seam, depth, thickness, geologic problems.

Microfilm map, document 353079, reel 03141, frames 273 & 274 - Slope location, mine outline, mining method geologic problems.

Microfilm map, document 353252, reel 03142, frame 193, map of West Virginia Mine (mine index 169) - Mine outline (west side).

Company map, ISGS map library, 4103.W52 i5.1-119 - Air shaft location.

USGS topographic map, Pittsburg, Ill. Quadrangle, 1963 - Air shaft location.

Mine Index 6793**R. A. Canfield, Canfield Mine**

Type: Underground Total mined-out acreage shown: None Production indicates less than 1 acre was mined. This mine is not shown on the accompanying map due to later surface mining.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Slope	Williamson	9S 2E	12	NW NW SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	50			9.0	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
R. A. Canfield	Canfield	1905-1906	<u>226</u> 226

Last reported production: 1906

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS map library, 4103.W52 i5.1-143	8-4-1932	1:2400	1:2400	Secondary source

Annotated Bibliography (data source, brief description of information)

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

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

Mine notes (Williamson County) - Mine location.

ISGS map library, 4103.W52 i5.1-143, map of Peabody No. 3 (mine index 60) - Slope location, mine outline, mining method.

Mine Index 6796**C. H. Rumberg Coal Company, Rumberg Mine**

Type: Unknown Total mined-out acreage shown: None Production is unknown and the expected size of the mine is unknown.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Mine	Williamson	9S 3E	6	

GEOLOGY

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

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
C. H. Rumberg Coal Company	Rumberg	1958-1958	unknown *

* No production was listed in the Coal Reports, but the mine reportedly operated from January to April of 1958.

Last reported production: April 1958

SOURCES OF DATA

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

** Point plotted onto 1:24,000 USGS topographic map and digitized.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Ownership, years of operation.

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

Mine notes (Williamson County) - Mine location.

Mine Index 6797**Snyder Coal Company, Snyder Mine**

Type: Underground Total mined-out acreage shown: None Not shown on accompanying map due to later surface mining. Production indicates approximately 1 acre was mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Williamson	9S 2E	12	NE SW NW

GEOLOGY

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

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Snyder Coal Company	Snyder	1932-1934	<u>5,100</u> 5,100

Last reported production: 1934

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS map library, 4103.W52 i5.1-143	8-4-1932	1:2400	1:2400	Secondary source

Annotated Bibliography (data source, brief description of information)

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

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

ISGS map library, 4103.W52 i5.1-143, map of Peabody No. 3 Mine (mine index 60) - Slope location.

Mine Index 6798**Keller Coal Company, Keller Mine**

Type: Underground Total mined-out acreage shown: 1 Not shown on accompanying map due to later surface mining by various companies.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Williamson	9S 2E	11	NW NE SE
Air shaft	Williamson	9S 2E	11	SW NE SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin					MRP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Keller Coal Company	Keller	1932-1932	<u>3,500</u> 3,500

Last reported production: 1932

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 353259	10-10-1932	1:1200	1:1200	Final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

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

Microfilm map, document 353259, reel 03142, frame 202 - Slope & shaft locations, mine outline, mining method.

Mine Index 6799
Davis Coal Company, Davis Mine

Type: Underground Total mined-out acreage shown: 9 Not shown on accompanying map due to later surface mining by various companies.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Williamson	9S 2E	11	SE NW SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin	100			4.25-7.0	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Herrin & Big Muddy Coal Company	Herrin & Big Muddy	1918-1923	26,603
Davis Coal Company	Davis	1923-1925	<u>22,702</u>
			49,305

Last reported production: 1925

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS map library, 4103.W52 i5.1-189	8-11-1934	1:63360	1:63360	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 (Williamson County) - Mine names, mine index, ownership, years of operation.
 Composite map from J. C. Quade field notes, ISGS map library, 4103.W52 i5.1-189 - Mine location, mine outline.

Mine Index 6809**Polinski Coal Company, Polinski Mine**

Type: Underground Total mined-out acreage shown: Less than 1 acre Portions of the underground mine were later surface-mined by various operators.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Slope	Williamson	9S 3E	6	SE NE SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Herrin					MRP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Polinski Coal Company	Polinski	1935-1935	<u>500</u> 500

Last reported production: 1935

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 353080	6-10-1936	1:1200	1:993	Final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

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

Microfilm map, document 353080, reel 3141, frame 275 - Slope location, mine outline, mining method.

OTHER MINES SHOWN ON THE JOHNSTON CITY QUADRANGLE

Mine Index 4441 NW SE SE 1-T9S-R2E, Herrin Coal source: ISGS field notes (G. H. Cady, 1908); shaft driven to coal, but abandoned without production due to water problems
 Mine Index 4443 SE SW NW 12-T9S-R2E, surface, Herrin Coal, 7.5-8.5 ft thick source: ISGS mine notes, ISGS field notes (E. T. Benson, W. B. Roe, 8-5-1932)
 Mine Index 4444 NW NE NE 12-T9S-R2E, slope, Springfield Coal, 4 ft thick source: ISGS mine notes
 Mine Index 4445 NW NW NE 12-T9S-R2E, slope, Herrin Coal source: ISGS mine notes; not shown on accompanying map due to later surface mining
 Mine Index 4682 center SW 3-T9S-R2E, surface, Herrin Coal source: ISGS field notes (H. R. Wanless & M. W. Fuller, 1932)
 Mine Index 4714 SE SE 3-T9S-R2E, surface, pre 1960 source: Catalog of Coal Mines in Williamson County (W. John Nelson, 2003, unpublished manuscript)

MINES WHOSE LOCATIONS ARE NOT KNOWN, JOHNSTON CITY 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 mines listed below mined in or near the Johnston City Quadrangle. The information 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: coal seam mined, type of opening for the mine (drift, slope or shaft), depth of coal in feet, and thickness of coal in feet. In Williamson County the Coal Reports list all mines prior to 1908 as mining the Danville Coal while all mines in 1908 were listed as mining the Herrin Coal. Consequently, the seam designations cannot be considered completely reliable.

The total tons mined by these unlocated mines is 1,646,398 (1,397,668 underground-mined, 129,973 surface-mined, and 118,757 mined by unspecified method), which would represent approximately 160 to 350 acres, depending on the recovery factor, mining method, and numerous other factors. (Note: 1 square mile = 640 acres) Some listings may be duplicated on other Williamson County quadrangles and are not in addition to those listed in those quadrangles; in many cases it is not possible to reliably discern the exact quadrangle.

ABSHER

Nealy (George), 1895-1896, —, —, 5.0, RP	2,100 tons
Neally Brothers, 1897-1898, surface, Herrin, 10, 6.0	300 tons
Schreiyer (Robert), 1896-1898, surface, Herrin, 7, 5.0	95 tons
Bauwick (William), 1895-1896, surface, Herrin, 7, 5.0	not reported
Read (William), 1896-1899, surface, Herrin, 7-9, 5.0-7.0	180 tons
Brush (G. G.), 1899-1901	<u>600 tons</u> 780 tons
Ritchie (Grant), 1896-1898, surface, Herrin, 7, 5.0-5.5	55 tons
Ritche (Len), 1896-1896, surface, Herrin, 8-10, 7.0-8.0	none reported
Ritchie (William), 1897-1900	1,830 tons
Dunsford (Charles), 1901-1903, drift, Herrin, 20, 5.5, RP	850 tons
Harris (Frank), 1903-1904	<u>500 tons</u> 1,350 tons
Snoddy Brothers, 1901-1902	26 tons

Asber (Albert), 1903-1904	700 tons
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BLAIRSVILLE

Williams (W. H.), 1897-1898, shaft, Danville, 80, 7.0-8.83, RP	800 tons
Howells (S.), 1898-1900	<u>600 tons</u>
	1,400 tons

FAIRFIELD

Rumberg (C. H.) Coal Company, 1950-1950, surface, Herrin, 14, 5.0	1,000 tons
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GIBSONIA

Brinkley (Marian), 1905-1907, drift, Herrin, 30, 5.0, RP	208 tons
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HERRIN

Jordan & McKee, 1909-1910, slope, Herrin, 15, 9.0, RP	150 tons
Bateman (M. T.), 1915-1916, slope, Herrin, —, 4.0, RP	1,075 tons
New Prosperity Coal Company, 1920-1923, shaft/slope, Herrin, —, 7.0-9.0, RP	33,137 tons
Coloni (John), 1921-1923	4,000 tons
Watson Coal Company, No. 2, 1922-1924, slope, Herrin, 60, 4.0-6.0, RP	58,073 tons
Greer (O. A.), 1922-1923	2,000 tons
Wilson (D.), 1923-1924	237 tons

JOHNSTON CITY

Roach Coal Company, 1928-1928, underground	125 tons
Hope (J.) & Richardson (A.), 1929-1929	<u>1,000 tons</u>
	1,125 tons
McIntosh Coal Company, 1934-1934, underground	150 tons
Cobb & Nace, 1934-1934, underground	30 tons
Pickers (Will) Coal Company, 1935-1936, underground	107 tons
Branson (H. K.), 1936-1936, underground	150 tons

MARION or SPILLERTOWN

Warm Morning Coal Company, 1959-1959, surface, Herrin, 18, 5.0	1,670 tons	mine index 3941
Chamness (Bert) Construction Company, 1956-1957, surface, Springfield	2,013 tons	mine index 4224
Stilley Coal Company, No. 6 Mine, 1958-1958	<u>1,604 tons</u>	
	3,617 tons	
McCluskie (Alex), No. 1 Mine, 1932-1935, surface	4,540 tons	mine index 4265

Lewis Coal Company, 1922-1923	3,000 tons
Corder (Charles), 1933-1933, underground	4,643 tons
Williford (J. B.), 1879-1886, drift, —, 20-30, 6.0-8.0, RP	15,100 tons
Tippet (William), 1886-1891	<u>8,891 tons</u>
	23,991 tons
Williford (J. B.), 1888-1889	1,400 tons
Reid (William M.), 1885-1894, Danville, 20-30, 6.5-9.0, RP	15,020 tons
Smith & Reid, 1894-1895	1,639 tons
Ohio Valley Coal & Coke Company, 1896-1900	215,100 tons
Southern Illinois Coal Mining & Washing Company, No. 4 Mine, 1900-1903	<u>260,347 tons</u>
	492,106 tons
Willoughby, 1886-1889, drift, Danville, 18-20, 6.5-9.0, RP	6,120 tons
Allen (William P.), 1889-1894	<u>3,394 tons</u>
	9,514 tons
Allen (William P.), 1895-1903, surface, Danville, 8-10, 7.0-9.0	10,300 tons
Rex (William M.), 1890-1893, surface,—, —, 8.0-9.0	1,980 tons
Rex (William M.), 1893-1894, slope, Danville, 18-20, 9.0, RP	8,000 tons
Campbell (S. A.), 1894-1896	<u>12,091 tons</u>
	20,091 tons
Crab Orchard Coal Company, Goodall Mine, 1896-1901	
shaft, Danville, 40-49, 7.0-9.0, RP	156,677 tons
Marion Coal Company, Goodall Mine 1901-1903	<u>98,971 tons</u>
	255,648 tons
Read (Jasper), 1896-1897, surface, —, 8-10, 8.0	300 tons
Wilson (George), 1903-1904, slope, Danville, 10-20, 9.0, RP	700 tons
Henson (T. H.) & Sons, 1904-1905	110 tons
Henson (J. T.) & Sons, 1905-1906	100 tons
Spiller (B. P.), 1906-1907	<u>264 tons</u>
	1,174 tons
Binkley & Miles, 1906-1911, shaft, Herrin, 20, 9.0, RP	34,500 tons
Motsinger (William), 1908-1909, slope, Herrin, 12, 4.0, RP	400 tons
Reese-Doty & Company, 1908-1909, shaft, Herrin, 35, 9.0, RP	3,112 tons
Reese-Taylor & Company, 1909-1910	<u>2,400 tons</u>
	5,512 tons
Reese-Taylor & Company, 1909-1910, shaft, Herrin, 38, 9.0, RP	7,000 tons
Reese-Taylor, 1911-1912, surface, Herrin, 20, 7.0-8.0	8,017 tons
Reese (Henry), 1912-1913	<u>3,800 tons</u>
	11,817 tons
Porden (Joe), 1909-1910, shaft, Herrin, 17, 4.0, RP	100 tons
Ghent (H. M.) Coal Company, 1910-1916, shaft, Herrin, 50-85, 9.0-14.0, RP	7,099 tons
Harris (John W.), 1914-1923, drift, Herrin, 13-14, 4.0-4.67, RP	5,880 tons
Handkins (W. R.), 1914-1916, slope or drift, Herrin, 10, 4.0-4.67, RP	780 tons
Handkins & Sims, 1916-1917	<u>600 tons</u>
	1,380 tons

Gabriel Brothers, 1931-1934, surface	2,450 tons
Lewis (E.), 1917-1918	4,800 tons
Brinkley Brothers, 1918-1920	12,493 tons
Comet Coal Company, 1920-1922	4,500 tons
Connett (Vernon), 1922-1925	<u>2,350 tons</u>
	19,343 tons
Davis Coal Company, 1923-1926	1,654 tons
Sirles & Davis, 1927-1927	<u>650 tons</u>
	2,304 tons
Davis Coal Company, 1930-1931, surface	1,560 tons
Equality Coal Company, 1932-1932, slope, Herrin, —, 4.0, RP	700 tons
Waters (Thomas) Coal Company, No. 1 Mine, 1918-1920	26,128 tons
Hodden (W. H.), 1919-1920	5,200 tons
Rosenberg (C. F.), 1919-1920	1,000 tons
Corder & Hankins, No. 1 Mine, 1920-1921, surface	1,750 tons
Handkins (Roy), 1923-1924	5,280 tons
Hawkins (Roy), 1924-1925	<u>4,180 tons</u>
	11,210 tons
Corder & Hankins, No. 2 Mine, 1920-1921	1,480 tons
Marion Coal Company, 1920-1923	4,400 tons
New Marion Coal Company, 1926-1928, underground	3,650 tons
Polinski (Tony), 1920-1925, surface	4,362 tons
Polinski (Charles), 1926-1927	5,223 tons
Polinski (Tony), 1928-1932	17,277 tons
Polinski Coal Company, 1933-1933	1,000 tons
Polinski (Tony), 1934-1934	<u>1,000 tons</u>
	28,862 tons
Odum Coal Company, 1920-1922	400 tons
Odum (E. D.), 1922-1923	600 tons
Odum & Byers, 1923-1924	3,760 tons
Odum & Miller, 1924-1925	<u>2,368 tons</u>
	7,128 tons
Byers & Alexander, 1926-1927	1,250 tons
Wilkerson Brothers, 1920-1921	134 tons
Bradley (Bradbury) & Scullin, No. 1, 1922-1924, drift, Herrin, —, 7.5, RP (also listed as Lady Luck Mine)	34,473 tons
Wells (Oscar), 1923-1924	1,700 tons
Wells (Oscar & Lester), 1924-1925	<u>2,575 tons</u>
	4,275 tons
Gosnell Brothers, 1922-1923	200 tons
Miller Coal Company, 1923-1925	6,066 tons
Godelski (Joe), 1923-1925	1,100 tons
Hoddy (C. C.), 1923-1924	400 tons

Cravens (Joe), 1923-1924	250 tons
Ferger (Ed), 1924-1925	1,100 tons
Ferger (Ed), 1929-1931, underground	2,805 tons
Oliver (M.), 1924-1925	975 tons
Issler (John), 1924-1933, surface	4,385 tons
Issler (Herman), 1934-1934	1,500 tons
Issler (John), 1935-1935	<u>500 tons</u>
	6,385 tons
Standacher (A. L.), 1924-1925	725 tons
Smith (George L.), 1924-1925	50 tons
Wilson (Roy), 1925-1925	3,000 tons
Clyde (J. L.), 1925-1925	650 tons
Drury & Burris, 1925-1925	400 tons
Williams & Jeffrey, 1925-1925	360 tons
Swofford (George), 1925-1925	85 tons
Sims (Grant), 1925-1925	80 tons
Lewis Coal Company, No. 1 Mine, 1926-1928, surface	5,600 tons
Lewis Coal Company, No. 2 Mine, 1926-1926	1,800 tons
Rushing Coal Company, 1926-1930, underground	6,000 tons
Roberts (Duff), 1926-1926	1,050 tons
McAllister Coal Company, 1926-1926	400 tons
Marlo & Marlo, 1926-1926	74 tons
Prospect Coal Company, 1927-1931, underground	6,040 tons
Sabba (John) & Company, 1927-1928, underground	602 tons
McCluskey & Pendley, 1928-1929	5,020 tons
McCluskey, Pendley & Wilkinson, 1930-1930	4,550 tons
McCluskey, Pendley & Wilkinson, 1931-1931	984 tons
Pendley & Wilkinson, No. 1 Mine, 1932-1933	3,400 tons
Staudacher & Penley, 1934-1934	<u>2,423 tons</u>
	16,377 tons
Hudgens Coal Company, 1928-1928, underground	400 tons
Enner (Woolen P.), 1928-1928, underground	150 tons
Shadowens (James), 1929-1929, surface	550 tons
Richmon (Aubrey), 1929-1929, underground	400 tons
Long (Josh), 1929-1929, surface	215 tons
Casey (Ivan), 1930-1930, underground	8,000 tons
Grant (F. E.) Coal Company, 1930-1933, underground	3,680 tons

Grant & Odum, 1934-1934	225 tons
Grant (Charles), 1935-1935	<u>140 tons</u>
	4,045 tons
Arnold, Rodd & Bolds, 1930-1931, underground	1,183 tons
Arnold (J. H.) & Company, 1932-1932	<u>6,190 tons</u>
	7,373 tons
Red Rose Coal Company, 1931-1931, underground	1,760 tons
Anderson (Dewie), 1931-1932, underground	5,664 tons
Anderson & Boyd, 1933-1933	<u>5,875 tons</u>
	11,539 tons
Anderson & Boyd, 1936-1936, underground	2,000 tons
Jeter (Rosco), 1931-1931, underground	1,228 tons
Hughes (George H.), 1932-1932, underground	5,816 tons
Hughes Coal Company, 1933-1933, surface	1,200 tons
Hughes (Charles M.), 1934-1934	575 tons
Hughes Coal Company, 1935-1935	<u>500 tons</u>
	2,275 tons
McConkey (George), 1932-1932, underground	2,674 tons
Beasley & Dallas, 1933-1933, underground	2,150 tons
Radford (M. H.), 1933-1934, surface, Herrin, —, 5.75	3,732 tons
Brush & Edwards, 1933-1933, underground	1,500 tons
Tanner (Hosia), 1933-1934, underground	1,500 tons
Big Saline Coal Company, 1933-1933, underground	1,050 tons
Marshall (Floyd) & Smith (James), 1934-1934, underground	4,400 tons
Smith (W. L.), 1935-1935	<u>107 tons</u>
	4,507 tons
Rentfro (Evan), 1934-1934	2,310 tons
Hemlock Coal Company, 1934-1934, surface	705 tons
Sobczyk (Tony), 1934-1935, underground	462 tons
Sobczyk (Frank), 1934-1934, underground	35 tons
Threlkeld (Everett), 1934-1934, underground	86 tons
Nolen (Ed), 1934-1934, underground	54 tons
Wilkins Coal Company, 1934-1934, underground	30 tons
Freels (Ed), 1934-1936, underground	100 tons
Carolan (W. P.) & Company, Inc., 1935-1935, surface, Springfield, —, 4.17	9,845 tons
Boswell Brothers, 1935-1935, underground	2,000 tons
DeLosch Coal Company, 1935-1935, surface	500 tons
Meredith & Newton, 1935-1935, underground	400 tons

LaMaster Coal Company, 1935-1935, underground	380 tons
Angel & McNeil, 1935-1935, underground	260 tons
Helm Coal Company, No. 2 Mine, 1936-1936, underground	647 tons
Wade (Walter) Coal Company, 1941-1941, underground	584 tons
McCracken & Rodney, 1941-1941, underground	908 tons
Rodney Coal Company, 1942-1942	<u>123 tons</u>
	1,031 tons
Coy (John), 1944-1945, surface, Herrin, 25, 5.33	500 tons
Red Ring Coal Company, No. 2 Mine, 1946-1946	<u>3,554 tons</u>
	4,054 tons
Hill Top Coal Company, 1944-1944, underground	200 tons
Marion Strip Mining Company, 1946-1946, surface	1,000 tons
Wilkins Fuel Company, No. 1 Mine, 1950-1950, surface, Herrin, 35, 8.0	1,443 tons
Polinski Coal Company, 1953-1954, surface	1,500 tons
Spillertown Coal Company, 1954-1954, surface	150 tons
Houston Brothers Coal Company, 1955-1955, surface, Herrin, 16, 6.0	1,781 tons
Stilley Coal Company, No. 2 Mine, 1957-1957, surface	784 tons
Stilley Coal Company, No. 4 Mine, 1958-1958	<u>524 tons</u>
Herrin, 20-31, 5.0-6.0	1,308 tons
Easley Coal Company, No. 1 Mine, 1957-1957, surface	283 tons
Easley (L. E.) Coal Company, No. 2 Mine, 1957-1957, surface	119 tons
Little Egypt Coal Company, No. 1 Mine, 1957-1958	<u>2,008 tons</u>
Herrin, 18, 7.0	2,127 tons
Stilley Construction Company, No. 5 Mine, 1958-1958	1,038 tons
surface, Herrin, 20, 6.5	
Wenzel Coal Company, No. 4 Mine, 1958-1959, surface	2,965 tons
Herrin, 22-28, 7.0-7.67	
Yearack Coal Company, No. 2 Mine, 1957-1957, surface	211 tons
Stilley Construction Company, No. 7 Mine, 1959-1959, surface	1,170 tons
Marshall (R. W.) Coal Company, Pit No. 2, 1959-1959	450 tons
Finks Coal Company, Pit No. 4, 1959-1959	<u>not reported</u>
Herrin, 22-30, 6.33-7.5	1,620 tons
(note: Finks Coal Company was an auger operation.)	
Stilley Coal Company, Pit No. 8, 1959-1959, surface, Herrin, 20, 6.33	2,005 tons
Binkley & Miles, 1914-1915, slope, Herrin, 20-75, 6.0-10.0, RP	13,000 tons
McClanahan (E.), 1915-1917	6,955 tons
McClanahan (John), 1917-1918	4,177 tons
McClanahan Brothers, 1918-1919	7,210 tons
McClanahan (J.) & Company, 1919-1920	1,888 tons
McClanahan Brothers, 1920-1925	7,550 tons
McClanahan (John), 1926-1926	<u>900 tons</u>
	41,680 tons
Fifth Vein Coal Company, 1920-1921, slope, —, —, 3.83-6.0, RP	83,251 tons

Binkley Coal Company, 1921-1923

154,035 tons
237,286 tons

NEW BURNSIDE

Chester Coal Company, 1920-1921

300 tons

Heaton (William), 1929-1929, surface

260 tons

WEST FRANKFORT

Wilson (J. R.), 1934-1934, underground

300 tons

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Funding for this project was supplied by the Illinois Department of Transportation.