

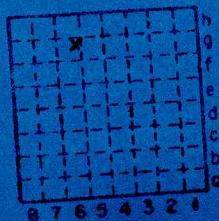
Form 180 Blue

1944

HENRY BARTELS & SON
"SOUTHERN SHAFT"

rel. to 2916?

Mine Index 2916



Sec. 33

T. 10

R. 7

Index No.

W.

E.

S.

W.

1033 G6

Mine originally operated by: (1)

Date

1870

Henry Bartels

Original name or number: "Southern Shaft"

Illinois Coal Report NA p.

LATER OPERATORS

Date	Operator	Name or No.
2 1874	Henry Bartels & Son	Southern Shaft also South Shaft
3 1883	William G. Bartels	"
4 1891	(Abandoned)	
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		

*Also owners

#See ownership sheet

~~Railroad, Wagon, Strip, Idle, Abandoned~~ 1891

IDENTIFICATION

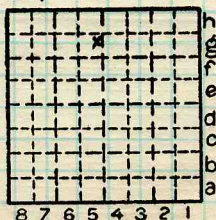
County No. _____

Coal No. 6

Coal Report No. _____

Quad. Carlinsville

County Macoupin



Sec. 33

T. 10 N. S.

R. 7 E. W.

Index No.

1033 G6

COAL MINE OPERATOR

FIELD NOTES

Illinois State Geological Survey

COAL PRODUCTION

<u>Company</u>	<u>Year</u>	<u>Tons</u>
Henry Bartels	1870 to 1879	(no records)
	1879	900
	1880	(no record)
	1881	" "
	1882	3,756
Henry Bartels & Son	1883	6,000
	1884	9,760
	1885	15,000
	1886	5,900
Wm. G. Bartels	1887	4,880
	1888	14,653
	1889	16,068
	1890	11,656
(Abandoned)	1891	6,622
<hr/>		
Summary:	1882 to 1891	94,295

1879 to 1891 = 95,195

							h
		*					g
							f
							e
							d
							c
							b
							a

By _____ SKD Date 4/84

Quadrangle Carlinville

County Macoupin Sec. 33 T. 10N R. 7W



LOCATION AND ELEVATION

Location: East side Broad St. P. R.
 South side Elm St. R. R.
 side Highway No.

on top. map Location sheet

Elevation: Method, 1. Est. (Topo Map) 600±5 ft. 600'
 2. Inst. (kind _____) _____ ft.

By	DEPTH	Data sheet
Authority	1882 Coal Report	To coal
		<u>230</u> ft.
Authority		Rail to rail
		_____ ft.
	Top of coal above rail. (Est. Rule)	_____ ft.
		To coal
		_____ ft.

ALTITUDE OF TOP OF COAL	
By estimated data	_____
By instrumental data	<u>370</u> ft.
Thickness	
Max.	in. Min. _____ in. Aver. <u>78</u> in.

GEOLOGICAL DATA
 Mine notes, date None
 Coop No. _____ Pyr. inv. _____ Coal Ash inv. _____

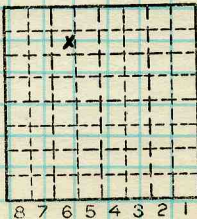
CHEMICAL DATA			
Analyses Face	U. I.	B. M.	Others
Car	U. I.	B. M.	Others
Org. Sulf	U. I.	B. M.	Others
Ash fusion	U. I.	B. M.	Others
Ash anal.	U. I.	B. M.	Others
	U. I.	B. M.	Others

Classification _____
 Misc. tests: Coking. _____ Cleaning _____ Boiler _____

Published descriptions:—

Railroad, Wagon, Idle, Abandoned 1891

IDENTIFICATION
 County No. _____ Coal No. 6
 Local mine Part
 Quad. Carlenville
 County Macoupin



Sec. 33
 T. 10 N. S.
 R. 7 E. W.
 Index No. 1033 G6

COAL MINE LOCATION AND DATA



FORM 180 W

Henry Bartels & Son "Southern Shaft"

Historical notes:

Worthen Report, vol. VII, 1873, p.290

"Bartel's shaft in the creek valley south of town was commenced at a much lower level, and the coal was reached at a depth of about 210 feet. The coal in this shaft ranges from six to eight feet in thickness, and has a good roof, composed of five feet of bituminous shale and five feet of limestone."

The Story of Macoupin County 1829-1879

Sesquicentennial Committee; 1979

"There were three coal mines -- Weer Coal Shaft, Shaft of Walters, Gray, and Lorenz, and the other was South Shaft Coal Mine selling only to the home market."
(about 1869)

Portraits and Biographical Records of Macoupin County ; 1891

William G. Bartels: President of the Carlinville Coal and Mng. Company.

..."until 1874, then assumed supervision of the works at the South Carlinville coal shaft, of which his father was proprietor. Since 1883, he has had full charge of the business."

Concerning Henry Bartels (William G's father): ..."in 1870 opened a coal mine, which he personally superintended for some years."

History of Macoupin County, Illinois; 1911.

Concerning Henry Bartels: ..."until 1869. He then opened a coal mine south of



FORM 180 W

Henry Bartels & Son "Southern Shaft" (cont.)

town which he operated successfully, retiring from active labor in 1883.

Concerning William G. Bartels: "He had charge of his father's business until 1883 and in September of that year began business on his own account. He sank a shaft five blocks south of the public square, which he operated until 1891, when he entered into partnership with John C. Anderson and W.L. Mounts and purchased the Consolidated Coal Company's mine at the north end of town. W.H. Behrens bought Mr. Mounts interest and the mine is now conducted as the Carlinville Coal Co., Inc., with W.G. Bartels as president and general manager."

1885 Coal Report; p.116

Bartels' Coal Mine

This shaft is located within the corporate limits of the city of Carlinville, on the south side. An escapement shaft has been sunk. The owners are sinking another hoisting shaft, and have put up a pair of twin engines, 2d motion, for hoising; engines, 10X16; drum, 4; boiler, 44x18. This is a local shaft, not shipping any coal. The works are all laid out in double entry plan, and are in very good condition.
Wm. Bartels, Manager.

Historical notes collected by S.K.
Danner, 4/84.



FORM 180 W

Additional notes on Southern Shaft:

According to the 1886 Sanborn & Perris insurance maps, the main shaft was located 160' south of Elm St. and 50' east of Broad St. On the Carlinville West (7.5') Quadrangle map, this converts to approx. 800' from the north line and 1900' from the west line of Sec.33.

The note on William G. Bartels from the History of Macoupin County, Illinois (1911) is somewhat misleading. It gives the impression that Wm. G. sank the Southern Shaft in 1883, and operated the mine until 1891. The first Southern Shaft (or South Shaft) was sunk by Henry Bartels in 1869-70. In 1874, Henry's son, William G., assumed supervision of the mine. When Henry retired in 1883, William took charge of the business. In response to pressure from the State Mine Inspector(s), William sank an escapement shaft for the mine sometime in late 1883 or early 1884. By 1885, a new hoisting shaft and engine room were being installed (see 1885 Coal Report, p.116). The mine remained active under William G.'s supervision until it was abandoned in 1891.

S.K. Danner
4/84