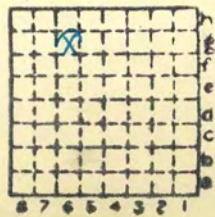


Peabody 57
(Capital ec.) # 2
sb



Sec. 35
T. 16 N.
R. 5 E.
W.
Index No.



LOCATION AND ELEVATION

Location: E side ILLINOIS CENTRAL R.R. side Highway No. R.R.

on top. map Location sheet Map Files #12-83-13D

Elevation: Method, 1. Est. () ft. 2. Inst. (kind Plane Table) 601.8 ft.

By W.B. Roe NB 602 p. 7-49 Data sheet

DEPTH

Authority To coal 240 ft. Authority Rail to rail ft. Top of coal above rail. (Est. Rule) ft. To coal 220 ft.

ALTITUDE OF TOP OF COAL

By estimated data 230 1939 ft. By instrumental data ft.

Thickness

Max. in. Min. in. Aver. 70 in. 66

GEOLOGICAL DATA

Mine notes, date 1918 Coop No. Pyr. inv. Coal Ash inv.

CHEMICAL DATA

Table with 4 columns: Analyses Face, U. I., B. M., Others. Rows include Car, Org. Sulf, Ash fusion, Ash anal.

Classification

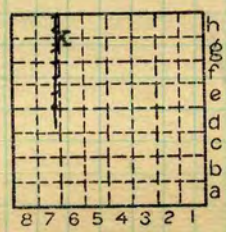
Misc. tests: Coking, Cleaning, Boiler

Published descriptions:--

Railroad, Wagon, Idle, Abandoned

IDENTIFICATION

County No. 57 Coal No. 5 Part 8 Quad. Springfield County Sangamon



Sec. 35 T. 16 N. S. R. 5 W. Index No. 0935 g6

COAL MINE LOCATION AND DATA



Mine originally operated by: (1)

Date Capital Coal Mine

1881

Original name or number:

Illinois Coal Report 1881 p.

LATER OPERATORS

Date	Operator	Name or No.
² 1882	Capital Coop. Coal Co.	#2
³ 1891	Capital Coal Co.	#2
⁴ 1897	Capital Coop. Coal Co.	#2
⁵ 1905	Capital Coal Co.	#2
⁶ 1915	Springfield District Coal Mining Company	#7
⁷ 1920	" " " " " " "	#57
⁸ 1924	Peabody Coal Co.	#57

1800 E. Adams

Closed June 30, 1950 (Coal Age, Aug. 1950 p. 138)

Dept. M & M. mine map file #1

980'S 100'E of NW corner NE NW (1948)

* Also owners #See ownership sheet

Railroad, Wagon, Idle, Abandoned Shaft 240

I.C., B.&O., I.T.R.R.

IDENTIFICATION

County No.

Coal No. 5

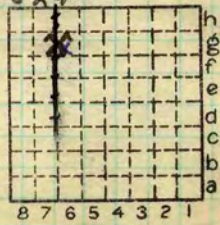


Quad. Springfield

Part 8

(1948) 5'6"

County Sangamon



Sec. 35

T. 16

R. 5

Index No.

0935 g6

COAL MINE OPERATOR



No.	Period						Tons	
	Mo.	Day	Year	Mo.	Day	Year		
						1935		
6	1	1	1936	12	31	1936	524	104
6	1	1	1937	12	31	1937	450	408
S-6	1	1	1938	12	31	1938	320	499
						1939	353	598
						1940	369	476
S-6	1	1	1941	12	31	1941	471	258
S-6			1942				577	450
						1943		
						1944	621	822
						1945	734	198
						1946		
						1942	593	480
						43	621	822
						44	734	198
						45	779	068
						46	724	171
						47	806	301
						48	809	591
						49	457	601
						50	304	175

#8

SUMMARIES

No.	to	No.		
1881		1935	10361	255

Railroad, Wagon, Idle, Abandoned

IDENTIFICATION

S-6
 County No. Coal No. 5
 Springfield
 Quad. Part 8
 County Sangamon



Sec. 35

T. 16 N.
 R. 5 W.

Index No.

0935 g6

Location and Elevation Data

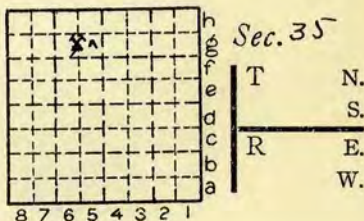
Location: Exact Approximate
(Approximate only if no trace of record of original exists)

Location by W. B. Roe
Date 4-23-31 Notebook No. 602 Page 7 #49
Looseleaf ref. _____
Map files No. 12-83-13d

Description of Location

Position in sec., 1/4 sec., 40 acres

850 feet from North line
_____ feet from East line
_____ feet from South line
2125 feet from West line



Other description: _____

Farm _____
No. _____
Company Peabody Coal Co

No. 57
County No. 37A

Elevation 601.8 ft.
By W. B. Roe

Method: Level, transit, alidade, hand level
Alidade

Elevation of Floor of fan house
Height of point above ground _____

Date 4-23-31 Notebook 602 P. 7-49
Looseleaf ref. _____

Map files No. 12-83-13d

Description of item: (drill hole, mine, etc.) Fir shaft

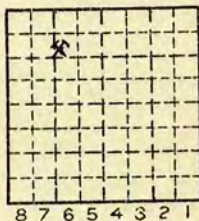
S-6
County Sangamon Quadrangle Spfld. 158 Index No. 098596

Location and Elevation Data

Location: Exact Approximate
 (Approximate only if no trace of record of original exists)
 Location by W. B. Roe
 Date 4-23-31 Notebook No. 602 Page 7 #52
 Looseleaf ref. _____
 Map files No. 12-83-13d

Description of Location

Position in sec., 1/4 sec., 40 acres
980
880 feet from North line
 _____ feet from East line
 _____ feet from South line
1400
1600 feet from West line



Sec. 35
 T 16 N.
 S
 R E
 S W.

Other description: Near SW cor. NE. NW

Farm _____
 No. _____
 Company Peabody Coal Co

 No. 57
 County No. 374

S-6

Elevation 606.2 ft.
 By W. B. Roe
 Method: Level, transit, alidade, hand level
Alidade
 Elevation of Rail
 Height of point above ground 0
 Date 4-23-31 Notebook 602 P. 7-52
 Looseleaf ref. _____

Map files No. 12-83-13d
 Description of item: (drill hole, mine, etc.) Mineshaft R-R 230' 5' 0"

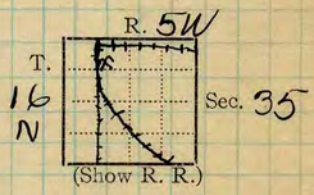
County Sangamon Quadrangle Sp. fld 158 Index No. 093566

Town, Springfield
 Local Authority,

Surface alt., 598 ft.
 Depth to ^{top} coal, 226 ft.
 Alt. top coal, 376 ft.
 Thickness: Av. 72 in.
 Max. in., Min. in.

Level: Auth., Mine Notes
 Method,

R. R., B + O., ITS, Ct + W., C&A.
 Location: authority,



Operator _____ Mine Name or No. _____

19 ~~18~~ 18 Springfield Dist. Coal Mfg. Co. No. 7 (Capital) #57

Successor to Capitol Coal Co. Capital #1
 Date _____

Succeeded by Springfield Jour. June 12, 19
 Date Capitol Mine shut down indefinitely

✓ Succeeded by Peabody Coal Co. #57
 Date 1515 McClure Bldg. Chicago

PRODUCTION.

Illinois

U. S. No.

1917	213	201					
1927	279	617					
1928							
1931	443	573					
1932	142	020					
							1930 #16

Geol. Notes? 1109 Coop. No. _____ Coal secs? No.

Analyses No. US 1704, 1705, 1740 16

Examined by _____ Ref. _____

Coal bed name: Local _____ Survey No. 5

County Sangamon Index No. 0935.21

✓ K.—ACTIVE SHIPPING OR LOCAL COAL MINE.



COAL MINE NOTES.

0835

COUNTY *Saugamou* TOWN *Springfield* MAP No. *102/103-5*
T. *16N* R. *5W* S. *35 NW 1/4, MW 1/4*

OPERATOR *Capital Coal Co.*

OFFICE *Springfield*

MINE # *2 Capital*

TIPPLE

ENGINES

BOILERS

DRUM

SHAFT

CAGE

HAULAGE

CARS

VENTILATION

DRAINAGE

SPRINKLING

WORKING SYSTEM

MINING METHODS

SIZE OF ENTRIES—MAIN CROSS ROOM NECK

SIZE OF PILLARS—MAIN CROSS ROOM

SHAFT CHAIN BARRIER

AMOUNT OF TIMBERING SIZE

PROPORTION OF COAL UTILIZED

AMOUNT AND CHARACTER OF WASTE

ACREAGE OF COAL MINED

ACREAGE OF COAL REMAINING

PROPORTION OF MINE RUN AND SCREENED COAL

METHOD OF SIZING RESCREENED

SIZES

PER CENT

PROPORTION AND SIZE OF WASHED COAL

DAILY OUTPUT

UTILIZATION

MARKETS

FREIGHT RATES

SELLING PRICES AT MINE

COAL LAND OWNED LEASED HELD IN FEE

COST OF LAND OWNED LEASED HELD IN FEE

ADDITIONAL NOTES

102/103-5

0935



COAL MINE NOTES.
CONTINUED.

OPERATOR *Capitol Coal Co.* MINE # *17 Capitol*
 ENTRANCE *Shaft* NAME OF COAL BED # *5* 0835
 ELEVATION *598* THICKNESS OF COAL
 DEPTH TO FLOOR *226* MAX. MIN. AV.
 ALTITUDE OF COAL *372*

LOCATION OF SECTION

No.	SECTION.	In.
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
Tape		Total

SECTION

SAMPLE No.
CAN No.
CONDITION
GROSS WEIGHT
TIME EXPOSED
NOT SHIPPED
NOT INCLUDED

Feet

PHYSICAL PROPERTIES BY NUMBERS

ROOF
FLOOR
DIP
FAULTS, ETC.
GAS

COLLECTOR *Savage*

REFERENCE *N.B. 12, P. 102176*

10/25/35
DATE 0935



Log of escape shaft. Capitol Coal Co.

1	Silt	3'		
2	Joint Clay	10'	---	13
3	Yellow gumbo.	5'		18
4	Hard Pan	10'	---	28
5	Shale	20'	---	48
5 ^a	Limestone	42'-8"	---	50 8'
6	Slate	42'-8"	---	54 8
7	Coal (#8)	2'	---	56 8
8	Fire Clay + boulders	15'	---	71 8
9	Shale	40'	---	111 8
10	Ls.	3'		114 8
11	Clay of all Colors	32'	---	146 8
12	Slate	4'		150 8
13	Coal #6	6'-2"	---	150 10
14	Fire Clay	15'-6"		166 4
15	Hard Rock	5'	---	171 4
16	Soapstone	6'		177 4
17	Sandrock	25'	---	202 4
18	Soapstone	12'		214 4
19	Cap Rock	2'	---	216 4
20	Slate	3 1/2' - 6"		219 10
21	Coal	6'	---	225 10

Total

225'-10"

1/4 of 3/5



Symbol Description Inches

1 division=3 in.)

U.S. Geol. Survey Bull. 22, p. 509-510

SPRINGFIELD. MINE NO. 2.

Sample.—Bituminous coal; Illinois field; (Illinois No. 14) analyses Nos. 1704, 1705 (p. 91).

Mine.—No. 2; Springfield district; a shaft mine on the east side of Springfield, on the Illinois Central Railroad.

Coal bed.—Springfield coal (No. 5) of the United States Geological Survey. Carboniferous age, Carbondale formation. The bed is nearly level, dipping about 1½° E. Shaft, 245 feet deep. The thickness of the coal varies from 5 to 7 feet, averaging 5 feet 11 inches. There is a hard black shale roof that contains some sulphur balls, and is generally good. The floor is a gray fire clay with a mixture of shale; in places it scales off, and pieces are shoveled up with the coal in loading mine cars.

The bed was measured and sampled at two points by J. W. Groves on June 10, 1905, as noted below.

Sections of coal bed in No. 2 mine, at Springfield.

Section.....	A	B
	1704	1705
Roof, shale.....	Ft. in.	Ft. in.
Coal.....	2 0	1 3
Mother coal.....	0 ½	0 ½
Coal.....	1 5 ½	1 5 ½
Shale.....	0 ½	0 ½
Coal.....	2 4	3 3
Floor, fire clay.....		
Thickness of section.....	5 9 ½	5 11 ½
Thickness of coal sampled.....	5 9 ½	5 11 ½

Section A (sample 1704) was measured in room 30, off south entry 21, 1 mile south-east of the shaft.

Section B (sample 1705) was measured in entry 16, off stub entry 4, 4,000 feet northeast of the shaft.

Notes.—The coal from this mine, like that from others in this field, is tough and hard. The faces of the bed are not prominent; there are no regular partings, but some very thin streaks of shale. The "sulphur" showing is mostly in thin vertical streaks. In 1905, the tippie had 2½-inch bar screens, and revolving screens with 2-inch, 1½-inch and ¾-inch openings, making 4 sizes of coal. The rated capacity of the mine in 1905 was 900 to 1,000 tons per day.

For results of tests of this coal, see mention of specific tests as follows—steaming tests: U. S. Geol. Survey Bull. 290, p. 80; Bureau of Mines Bull. 23, pp. 60, 153; producer-gas tests: U. S. Geol. Survey Bull. 290, p. 81; Bureau of Mines Bull. 13, pp. 113, 273; washing tests: U. S. Geol. Survey Bull. 290, p. 82; Bull. 336, p. 12.

For chemical analyses see Part I of this bulletin, p. 91; also U. S. Geol. Survey Bull. 290, p. 80.

Collector, Coal: Survey No. 5
 Mine. #2 Co. Sangamon Index No. 0935.27
 Q.—COAL SECTION SHEET.

Illinois State Journal

9/22/45 - Peabody 57 considered a gassy mine, ~~look~~ article discusses ventilation & dusting practices

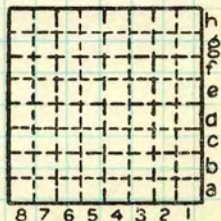
From the Sangamon Valley Collection of the Lincoln Library, Springfield IL

By CAC Date 9/93

Quadrangle _____

County Sangamon Sec. _____ T _____ R _____

m. 440



Illinois State Geological Survey

from Illinois State Journal

7/8/34 Peabody Capital mine - a workman was kidnapped & the escape shaft was dynamited. Union difficulties

3/7/51 - tipple of Capitol mine razed

from the Sangamon Valley Collection, Lincoln Library, Springfield, IL

By CAC Date 9/93

Quadrangle _____

County Sangamon Sec. _____ T. _____ R. _____

mi 440

