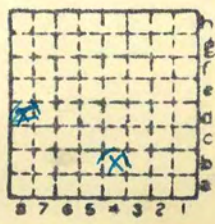




Form 180

Peabody

51



Sec. 27

T.	17	N.
		S.
R.	5	E.
		W.

Index No.

~~27~~
 mi. # 412
 ✓



Mine originally operated by: (1)

Date Cora Coal Co.

1904

Original name or number:

Illinois Coal Report 1904 p.

LATER OPERATORS

Date	Operator	Name or No.
	District	
2 1915	Springfield Coal Mining Co.	#51
3 1919	" " " " " " "	#51
4 1924	Peabody Coal Co.	#51

5
6
7
8
9
10
11
12
13
14

Dept. M+M maine map file # 21

* Also owners #See ownership sheet

Railroad, Wagon, Idle, Abandoned Shaft 200'
C.&I.M., C.&A., Wabash, I.O.
ITS., B.&O. IDENTIFICATION L.

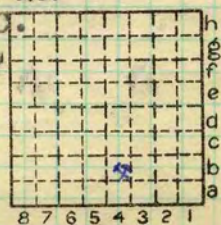
County No. 27

Coal No. 5

Quad.

Part

County Sangamon



Sec. 27

T. 17 N.

R. 5 W.

Index No. 0427 b4

SHIPPING MINE

COAL MINE OPERATOR

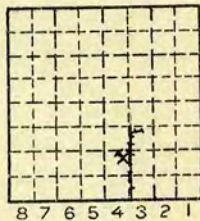
Location and Elevation Data

Location: Exact Approximate
 (Approximate only if no trace of record of original exists)
 Location by W.B. Roe
 Date 4-29-31 Notebook No. 602 Page 23 # 192
 Looseleaf ref. _____
 Map files No. 12-23-13b

Description of Location

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

_____ feet from North line
 _____ feet from East line
117.5 feet from South line
500 feet from West line



Other description: _____
 Farm _____
 No. _____
 Company Peabody Coal Co.

No. 51 ('CORR')
 County No. 27

Elevation 583.9 ft.

By W.B. Roe

Method: Level, transit, alidade, hand level
Alidade

Elevation of Rail

Height of point above ground 0 -

Date 4-29-31 Notebook 602 P. 23 # 192
 Looseleaf ref. _____

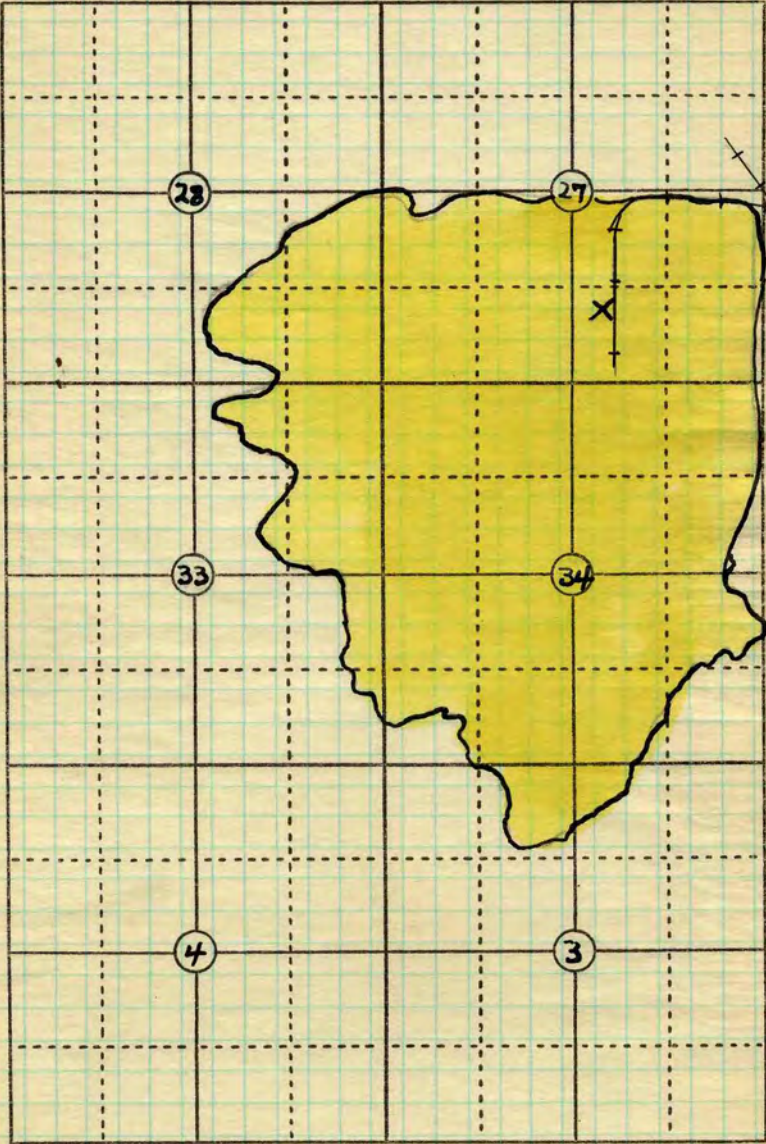
Map files No. 12-23-13b

Description of item: (drill hole, mine, etc.) M. shaft 240' R. 1 rail
*5-5'6"

County Sangamon Quadrangle Springfield Index No. 0427 By 158

T. 17 N.

T. 16 N.



 R5W

Date Map. 1
4-12-33

Operator

Name or No.

County Sangamon

Peabody

Index No. 51
0427 B



John C. Moore Corporation, Rochester, N. Y. Binder and holes in leaves, each Patented 1906, (35031-500-6-25)

Mine Name or No. 51 Mine Address Springfield
Operator Peabody Coal Co
Main Office Address Chicago Ill

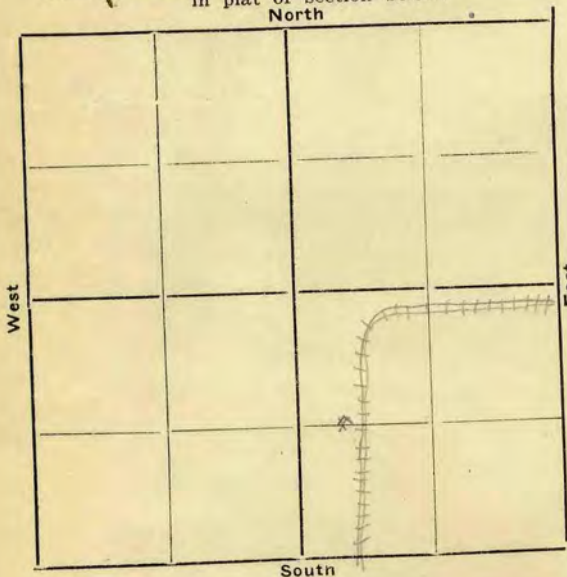
Location of Mine:

Township Name Fancy Creek County Sangamon

Section No. 27 Township 17 N 5 Range 5 E W

Indicate location of mine and position of R. R. in plat of section below.

North



Kindly state number of feet from quarter section lines:

_____ from N. line
_____ from E. line
_____ from S. line
_____ from W. line

Idle entire year 19____ Yes
No

Abandoned (date) 19____

Surface landing is 580± feet above sea level or about _____ feet (above) (below) railroad station at _____ (nearest town).

Depth to top of coal is 210 feet.

Average thickness of coal is _____ feet _____ inches.

Do not fill in below this line.

Coal Bed Name _____

Survey No. 5

County Sangamon

Index No. 0477

V-MINE LOCATION SHEET.



Town, *Springfield.*
Local Authority,

Surface alt., ft.
Depth to coal, ft.
Alt. top coal, ft.
Thickness: Av. *66* in.
Max. in., Min. in.

Level: Auth.,
Method,

R. R., *C and I. M.*
Map shows Chicago, Peoria and St Louis.
Location: authority,

R. *SW*
T. *17* *N* Sec: *27*
(Show R. R.)

Operator Mine Name or No.

19
Successor to
Date
Succeeded by
Date
Succeeded by
Date

PRODUCTION.

											U. S. No.
19											

Geol. Notes? Coop. No. Coal secs?
Analyses No.

Examined by Ref.
Coal bed name: Local Survey No. *5*
County *Sangamon* Index No. *0427*

K. (5) Physical character of Coal,

- (a) Relative hardness, *Medium hard.*
- (b) Lustre, *Bright and dull lamina.*
- (c) Fracture, *Uneven*
- (d) Texture, *-* See
- (6) Impurities in coal, other than bedded, kind, position, persistence, ease of separation, etc. *Clay in horsebacks, sometimes hardened by pyritization*

See

L. Floor: (1) Material, *Fire Clay*

- (2) Thickness, *?*
- (3) Variation, *Apparently very little*
- (4) Note character, condition, tendency to heave, relation to undercutting, commercial value. *Fire Clay is medium hard but is easily dug with a pick.*

See

- (5) Clay sample No. *A-139 and A-146* Location,

M. Stratigraphy,

- (1) Fossiliferous horizons underground, *None observed.*

Collection No.

Location,

N. Notes on effect of deep drilling in coal mine areas.

See

Collector,

Cola: Survey No. Mine, *Peabody No 51* Co. *Sangamon*Index No. *0457*

F. Thickness of rock above bed worked,

(1) Important variations,

See

G. Note presence of strata having important effect on mining,

Limestone Cap rock 3' feet above coal

See

(1) Position, *3' above coal*

(2) Character, *Hard dense limestone, in places rotten.*

(3) Persistence, *yes*

(4) Other workable coal beds —

See

H. Cap rock, *Limestone*

(1) Thickness, *?*

(2) Height above coal, *3 feet*

See

I. Immediate roof, *Hard dark shale*

(1) Thickness, *3* (2) Contact with coal,

Surface

(3) Horizontal variation, *Smooth but uneven.*

See

J. Draw slate, (1) Thickness, (2) Contacts

(3) Persistence, —

K. Coal bed: Max. Min. Av. *66* inches

(1) Benches,

(a) Position, —

(b) Persistence, —

See

(2) Bedded impurities, kind, position in benches, persistence, ease of separation, *pyrite laminae and dirty mother coal partings. Also some bone coal horizons*




See

(3) Irregularities in bed (due to deposition, erosion, or movement), *Slight displacement along horsebacks, uncracked Roof due to concretions in shale Roof.*

See

(a) Effect on mining,

See

SECTION		
Name	Ft. In.	Sym.
Surface		
?		
Hard shale Heavily Blisk	3 0	
#5 Coal	5 6	
Fire Clay	?	

Collector,

Coal: Survey No. *5*

Mine, *Pealody #51* Co. *Sangamon*

Index No. *0427*

Peabody Coal Company
Mine No 51 Sangamon County
Fancy Creek Twp. Sect 27 ?

This coal section was taken
in entry in center of NW 1/4 of SE 1/4
of Sect 24

Roof - black shale, very hard, platy
and with conoidal fracture Sample A-140

← 1/2" dull coal, possibly bone.

← Parting, soft dirty coal.

1/2" of Mother and dull boney coal

1/2" of dull coal, and Pyritized Mother coal Sample A-141

Mother coal

Parting of Mother coal

Mother coal parting

" " "

1/16 Pyrite lamina

1/16 pyrite lamina

← clay and Mother coal parting.

Fire clay - medium dark gray, some plant
impressions and some dark streaks.

Sample

A-139

Face Sample A-136
 Hard Specimens A-137, A-138
 Clay from Horse back near by
 A-142

Collector.

Coal: Survey No. 5

Mine. Peabody #12 Co. Sangamon

Index No. 0427

Q.-COAL SECTION SHEET. No 1

Peabody Coal Company
 Mine No 31, Sangamon County
 Fox Creek Twp, Section 27
 This Coal Section was taken approx
 in center of the NW 1/4 of SW 1/4 of
 Sect 34.

Roof - Hard black shale, platy
 and breaks to thin edges Sample A-147

Top of Coal
 2 partings of mother coal approx 1/2" apart.

1/4" of very dull coal, or bone material.

- ← 1/8" pyrite lamina. Mother coal on top.
- ← 1/8" Mother coal
- ← 1/8" pyrite lamina } Samples in
- ← 1/8" pyrite lamina } Can A-149
- ← 1/8" pyrite lamina
- ← 1/8" pyrite lamina

Face Sample: A-145
 Hand Specimens A-144 and A-145
 Clay from partings A-148 (Hardy)

← 1/8" clayey mother coal. Good parting. A-149

Fire Clay - Medium dark gray,
 with plant impressions and
 medium hard Sample A-146

Collector.

Mine. Peabody #51 Co. Sangamon

Coal: Survey No. 5

Index No. 0427

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A Bedded Impurities

The bedded impurities in this ^{and mother} coal consist of a clay parting about an inch and one-half above the bottom as contained in Sample A 149, other sedimentary parting along which are found pyrite lamina as contained in can 4-149 also.

While the dull coal bands or bone coal is no doubt a bedded impurity they will be mentioned later.

In connection with the above pyrite lamina it may be added that they do not stick to the coal.

"b" Concretions and segregations

None observed

"c" Lenticular clay masses

None observed

"d" Joint fillings and facings.

There is a small amount of pyrite and some calcite on vertical fractures in the coal. The calcite facings are more prominent in the upper part of the coal.

"e" Crack fillings or horse backs.

Horse backs are very common in this mine. In places the clay has been pyritized, making them very hard.

Collector

Mine

Co.

Sangamon

Coal: Survey No. 5

Index No. 0427

INDEX

f Intertbedded Carbonaceous and Detrital material.

In both sections visited in this mine there was a horizon about 5" above the floor was a band of very dull boney coal. A sample of this dull coal and some pyritized mother coal associated with it is in can A-141. Also at top of seam at coal section #1 was some similar material.

- g None
- h "
- i "

Roof. The roof over the coal in this mine is a very hard black slate. The under side of it is bumpy, mostly due to concretions in the slate, often extending downward 1 foot or more. The slate breaks into long slivers with thin edges and is of small importance as an impurity in the coal. Very seldom does it fall with the coal. Some conveyor loaders in this mine

Collector

Mine

Co. Sangamon

Coal: Survey No. 5

Index No. 0424

0427

Town, ~~Andrew~~ *Springfield.*

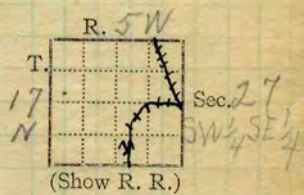
Local Authority,

Surface alt., 530 ft.
Depth to coal, 145 ft.
Alt. top coal, 385 ft.
Thickness: Av. in.
Max. in., Min. in.

Level: Auth.,

Method,

R. R., C. P. + St. L.



Location: authority, Letter spr. D.C. M'g Co. 3/11/18
(Mine Notes)

*Quer #20
1905+*

Operator

Mine Name or No.

19 *Cora Coal Co.*

Successor to

Date

Succeeded by

Date

*Springfield Dist. C. M'g Co No. 1 (Cora) 51
1918(?) See map in files 23-31*

Succeeded by

Date

*Peabody Coal Co. #51
1615 McCormick Bldg., Chicago.*

PRODUCTION.

Illinois

U. S. No.

1917

197 698

1927

128 659

1928

*1931
982*

*267 678
156 343*

1930 #2

Geol. Notes? *no*

Coop. No.

Coal secs.? *no*

Analyses No.

32

Examined by

Ref.

Coal bed name: Local

SHIPPING MINE

Survey No. *5*

County

Sangamon

Index No.

0427.B4

K.—ACTIVE SHIPPING OR LOCAL COAL MINE.

X