

Peabody Coal Company
Mine No. 40

ISGS Mine Index # 3353

Peabody No. 40

Underground Mine

Springfield (No. 5) Coal

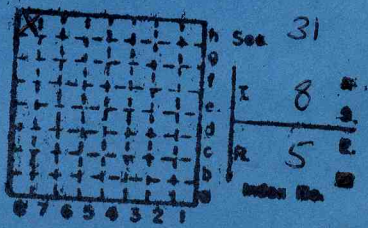
County No. 25242

1076

S-46

Mine Index

R - F
SPRINGFIELD





Mine originally operated by: (1)

Peabody Coal Co., Galatia, Ill.

Date

Original name or number:

40

Illinois Coal Report

p.

LATER OPERATORS

Date

Operator

Name or No.

- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

*Also owners

#See ownership sheet

Railroad, Wagon, Strip, Idle, Abandoned April, 1964

IDENTIFICATION

County No.

25242

Coal No.

5

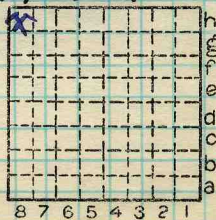
Coal Report No.

5-46

Quad.

County

SALINE



Sec. 31

T. 8 N. S.

R. 5 E. W.

Index No.

COAL MINE OPERATOR



(Sheets) COAL PRODUCTION (Sheet)

Period				Tons	
Mo.	Day	Year	Mo.	Day	Year
<i>JUNE 1950 - DEC. 1950</i>				<i>161</i>	<i>276</i>
			<i>51</i>	<i>622</i>	<i>926</i>
			<i>52</i>	<i>656</i>	<i>656</i>
			<i>53</i>	<i>619</i>	<i>491</i>
		<i>Abnd.</i>	<i>1954</i>	<i>115</i>	<i>654</i>

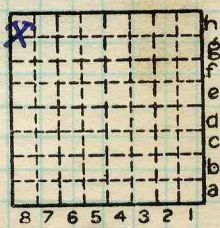
SUMMARIES

No.	to	No.

Railroad, Wagon, Strip, Idle, Abandoned *Slope* **APRIL 1954**

IDENTIFICATION

County No. *5242* Coal No. *5*
 Coal Report No. *5-46*
 Quad.
 County **SALINE**



Sec. *31*
 T. *8* N.
 R. *5* E.
 W.
 Index No.

COAL MINE—PRODUCTION
 ILLINOIS GEOLOGICAL SURVEY, URBANA





30 Nov 1951

Peabody #40 - Saline Co.
#5 Coal - Slope

Johnny Williamson, Mine Supt.
Carl Bratten, Div. Engr.

Coal low 42"-48"

Main north - abt 2 to 8" of draw slate
overlain by a finegrained shale which
contains many small limonite(?) nodules
JW & CB suggest that these nodules
absorb water & heat and cause the roof
to weaken & fall. Nods seem to be
absent in West & S part of mine.

A system of parallel joints, nearly
vertical, w/a bearing of a little N of
E causes a lot of roof trouble.
These joints are from 6" to several
feet apart. As mining progresses these
joints widen & with heat & moisture
entering the cracks the rock falls
along the joint planes. Some falls are
only a few inches high while others
are up to 6 to 8' high. Root bolts are
used extensively, however, joints frequently
open up between the bolts & cause falls.
Bolts are ~~24~~ 24" long. Numerous
plant fossils were observed, several
long tree trunks. One vertical stump
in place. Numerous slickensided surfaces.

Stringers from the coal were noticed
in all parts of mine visited N, W, S.
Give trouble in holding roof.

Mine is very dry. Dusty.

Shale in ^{main} south is coarser and stronger but
there are still numerous irregular slickensided
surfaces. The E-W joint system seems

#40
fw

2.

to be absent in this part of the mine.

West - bad falls near face - numerous
E-W joints

Driving rooms at 45° has been tried but
the falls are just as bad.

Use Airdox

Mine Note: Peabody C.C. #40 - Saline Co.
Sec 31-85-5E

ILLINOIS STATE GEOLOGICAL SURVEY

Location and Elevation Data

Location _____ Exact _____ Approx. _____

Location by GMW

Date _____ Notebook No. _____ Page _____ No. _____

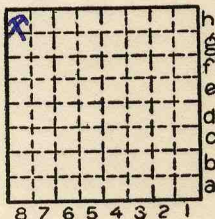
Looseleaf ref. _____ Map files No. _____

Position in sec.

_____ ft. from _____ line _____

_____ ft. from _____ line _____

Other description _____



Sec. 31
 T. 8 N.
 R. 5 E.

Bed _____ Depth _____ Elev. _____ Thickness _____

Farm MINE # 40
 _____ No. _____

Company Peabody Coal
Co.

No. _____

Card by MEH Date 3-4-52

Used in _____

County No. 25242

5-46 Elevation _____ ft.

Method: Level, transit, alidade, hand level, top. map.

Elev. of _____ Height of point above ground _____

Date _____ Notebook No. _____ Page _____ No. _____

Looseleaf ref. _____ Map files No. _____

Year drilled OPENED 1950 Total depth _____ I. P. _____

Sample set No. _____ Electric log _____ S. _____ H. _____ L. _____

Description (drill hole, mine, etc.) SLOPE MINE - No. 5 coal

Time log _____

County SALINE Quad GALATIA Index No. _____