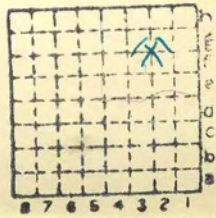


Form 180

MI 313
Junction CC

Springfield C#11c #5



Sec.	9	N.	
T.	15	E.	3
R.	5	W.	
Index No.			



Mine originally operated by: (1)
Date 1883.

Wabash Coal Co. #1.
~~Woodside~~

Original name or number:
Illinois Coal Report p.

LATER OPERATORS

Date	Operator	Name or No.
2 1883-88	Wabash ce	Check these for accuracy
3 1888-89	Junction ce	
4 1889-98	Springfield Junction ce	
5 1898-03	Junction ce	
6 1903-	prop bought by new co	
7	Springfield Coal Mining	

11 "1 mi. S. of Springfield
12 at intersection of
13 Wabash, St. Louis + Pacific R.R.
and Chi. Alton + St. Louis R.R."
- 1884 Coal R

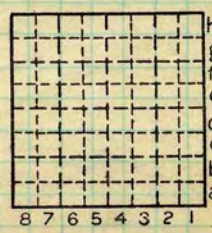
14 "one of oldest mines in Sang. county"

* Also owners # See ownership sheet

Railroad, Wagon, Idle, Abandoned

IDENTIFICATION

County No. Coal No.
Quad. Part
County Sangamon



Sec. 9
T. 15 N.
R. 5 E.
Index No. W.

COAL MINE OPERATOR



Location and Elevation Data

Location: Exact ~~Approximate~~

(Approximate only if no trace or record of original exists)

Location by W. B. Roe

Date 4-22-31 Notebook No. 602 Page 5-36

Looseleaf ref. _____

Map files No. 12-83-13d

Description of location

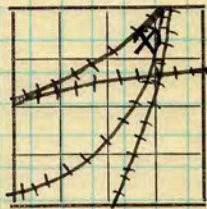
Position in sec., 1/4 sec., 40 acres

_____ feet from North line

_____ feet from East line

_____ feet from South line

_____ feet from West line



Sec. 9
T. 15 N.
S.
E.
R. 5 W.

Farm _____

No. _____

Company _____

Other description: _____

Junction mine

No. _____

County No. _____

Elevation 606.2 ft.

By W. B. Roe

Method: Level, transit, alidade, hand level, _____

Alidade

Elevation of Ground

Height of point above ground 0

Date 4-22-31 Notebook 602 P. 5-36

Looseleaf ref. _____

Map files No. 12-83-13d

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

SHIPPING MINE (abd)

County Saugamon Quadrangle Springfield Index No. 1509



1509

COAL MINE NOTES.

COUNTY *Sangamon*

TOWN

MAP No. *2209*

T. *15N*

R. *5W.*

S. *9 N.W. 1/4*

SW.NW

OPERATOR *Springfield Coal Mining Co.*

OFFICE *Springfield.*

MINE *#5*

TIPPLE *Steel.*

ENGINES

BOILERS

DRUM

SHAFT *7'x12*

CAGE *Duncan automatic.*

HAULAGE

CARS

VENTILATION

DRAINAGE

SPRINKLING

WORKING SYSTEM *Panel.*

MINING METHODS *Shot from solid.*

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 *Shaker screen*

RESCREENED

SIZES *nut, 3", slack 3/4", pea 1/4 Lump*

PER CENT

PROPORTION AND SIZE OF WASHED COAL

DAILY OUTPUT *1400 tons. capacity.*

UTILIZATION

MARKETS *Springfield, Chicago, Jacksonville and Quincy.*

FREIGHT RATES

SELLING PRICES AT MINE

2209 1509

COAL LAND OWNED

LEASED

HELD IN FEE

COST OF LAND OWNED

LEASED

HELD IN FEE

ADDITIONAL NOTES



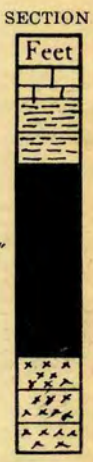
COAL MINE NOTES.
CONTINUED.

1409

OPERATOR *Springfield Coal Mining Co.* MINE #5
ENTRANCE *Shaft.* NAME OF COAL BED #5
ELEVATION *607* THICKNESS OF COAL *71"*
DEPTH TO FLOOR *256* MAX. *75* MIN. *69* AV. *71*
ALTITUDE OF COAL *351*
LOCATION OF SECTION *5th stub left. off 1st W. Room #26.*

No.	SECTION.	In.
1		
2	<i>Coal</i>	<i>7 1/2"</i>
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
Tape		Total

SAMPLE No.
CAN No.
CONDITION
GROSS WEIGHT *72 1/2"*
TIME EXPOSED
NOT SHIPPED
NOT INCLUDED



PHYSICAL PROPERTIES BY NUMBERS

*Locally between coal + Black slate, occurs a sulphur streak containing fossils
No blue bands.*

ROOF *Ls. 0" to 6"; Black Shale. 2 1/2' to 4'. Soapstone locally 3'
locally 2"-10" shelly sulphurous band. above coal.*
FLOOR *Fire Clay 3'+*

DIP *West + South.*

FAULTS, ETC. *Cleat E + W. Horse backs common.*

GAS

COLLECTOR *Savage*

REFERENCE *12, 81.*

~~1409~~
DATE *1509*



In place of sample of clay from horse back the back shale was carried down into the coal 18" below top of coal. At another place when a hard roll was present in fire clay at bottom of a small horse back a coal fragment 6" x 3/4" was carried down and imbedded in the fire clay 9" below the coal seam.

In no case could coal be found carried higher in horse back than top of coal seam.

~~1409~~

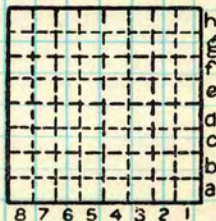
Illinois State Journal

6/9/40 - the buildings of Junction Mining Co. razed last year by the Spr. Ald. Brewing Co. The Klondike Mine, now owned by Peabody Coal Co., is on the site of the old Junction mine

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

By CAC Date 9/93

Quadrangle _____



County Sangamon Sec. T R R

mi 313

A new coal company has been incorporated since the last report, under the name of the **Springfield Coal and Mining company**. This company has bought the mines of the Riverton Coal company, Starnes Coal company, Black Diamond Coal company, and the **Junction Mining company**. The president of the company is J. A. Agee; D. D. Shumway, general manager; Wm. A. Jess, secretary and treasurer. The Riverton mines will be known as Nos. 1 and 2; the Starnes' mine as No. 3; the Black Diamond mine as No. 4, and the **Junction mine as No. 5**.

Kortkamp Coal company, recently formed, is sinking a new shaft on the line of the C., C., C. & St. L. R. R., two miles east of Hillsboro, Montgomery county. The company expects to reach the coal early in July of this year.

The Nilwood Carbon Coal company of Nilwood, Macoupin county, has sold its mine. The mine will hereafter be operated by the Weaver Coal and Coke company.

EXPLOSIONS IN MINES DURING THE YEAR.

There have been two explosions in the mines in this district during the past year, caused by "windy" shots.

The first explosion occurred at the mine of the Victor Coal company, Pawnee, Sangamon county, Oct. 13, 1902, at firing time, about 4:00 o'clock in the afternoon, whereby two men and a boy lost their lives.

The explosion was in room 17 of the first east entry on the south side of the shaft; the room, at the face, was 27 feet wide extending 97 feet back from the entry. The entrance to room 17, was 1,338 feet from the hoisting shaft, 160 feet from the face of the entry, and 750 feet from the air shaft.

The fan was blowing air down the air shaft at the time of the explosion at the rate of about 28,400 cubic feet per minute, and this quantity of air was passing the mouth of room 17.

A large shot had been fired on the right hand side of this room, the shot was 7 feet wide at the heel and 9 feet wide at the toe; the drill hole was 8 feet deep. This was an unusually large shot, consequently there must have been a very large quantity of powder used in preparing the blast. On examination after the explosion the coal was found to be cracked on the rib also, at the drill hole, and slightly cracked at the back of the shot, but the coal was not dislodged.

About 33 feet back from the face of room 17 a cross-cut was being driven to the right to connect with room 18, however, this room had fallen in; the cross-cut was being driven to strike the face of room 18.

A second shot had been fired about the same time on the right hand side of this cross-cut, this shot had blown its tamping; it had been drilled into the solid and there was no chance for it to dislodge the coal. About 14 inches was blown off the face at the hole; the shot also blew through into room 18, a distance of 16 feet.

These two heavy shots going off at about the same time evidently produced the explosion, and both shots striking each other at right angles, caused the carbonic oxide gases from the shots to ignite from the flames. The burning vapor issued out of the room, and along the first and second entries. Two cross cuts were open at the face of these entries; five stoppings between the entries were blown down, which was a very fortunate occurrence, as it permitted the expanding of the blast at the face of the entries.