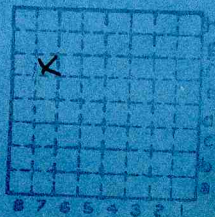




Form 180 Blue

Index 331
Trenton C.C. #1, SOUTH

208



Sec. 29

T. 2 N.

R. 5 W.

Index No.

✓ location =
Index 2047



Mine originally operated by: (1)

Date

Trenton Coal Co.

Original name or number:

#1 South Mine

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, Idle, Abandoned 1920

SHIPPING MINE

IDENTIFICATION

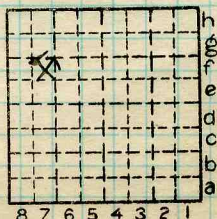
County No. 208

Coal No.

Quad. 227

Part

County Clinton



Sec. 29

T. 2 N. S.

R. 5 E. W.

Index No.

COAL MINE OPERATOR

0529.7f



LOCATION AND ELEVATION

Location: side R. R.
 side R. R.
 side Highway No.

on top. map Location sheet

Elevation: Method, 1. Est. () ft.
 2. Inst. (kind PT.) 485.6 ft.

By WBR. Data sheet

DEPTH

Authority To coal _____ ft.
 Authority Rail to rail _____ ft.
 Top of coal above rail. (Est. Rule) _____ ft.
 To coal 314 ft.

ALTITUDE OF TOP OF COAL

By estimated data _____
 By instrumental data 171.6 ft.

Thickness

Max. in. Min. in. Aver. 72 in.

GEOLOGICAL DATA

Mine notes, date _____

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

*1178,155

Classification

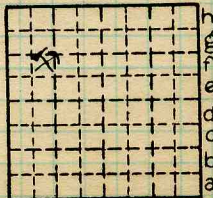
Misc. tests: Coking. Cleaning Boiler

Published descriptions:—

Railroad, Wagon, Idle, Abandoned 1920

SHIPPING MINE IDENTIFICATION

County No. 208 Coal No.
 Quad. 227 Part
 County Clinton



Sec. 29
 T. 2 N. S.
 R. 5 E. W.
 Index No.

0529.7f

COAL MINE LOCATION AND DATA



Operator, *South Trenton* Date *Jan 1, 1907*
 Mine, *South Trenton* Sec. T. R.
 Located, *Trenton* miles from *Baltimore & Ohio*
 Location in mine, *2000 ft NW of shaft in R 1 N 7 W 5*

GRAPHIC SECTION DESCRIPTION OF SECTION (AT POINT SAMPLED)

In.	No.	No.	(Note character and thickness of roof)	Inches
			<i>Roof coal</i>	
0	1		<i>Coal</i>	<i>37</i>
	2		<i>Blue band</i>	<i>39 3/4</i>
12	3		<i>Coal</i>	<i>43 3/4</i>
	4		<i>Sulphur</i>	
24	5		<i>Blue band</i>	<i>45 1/4</i>
	6		<i>Coal</i>	<i>62 1/4</i>
36		2		
48		5		
60				
			<i>xxxx</i>	
			<i>xxxx</i>	
			<i>Floor - fire clay</i>	
			(Note character and thickness of floor)	
			Total thickness of coal.	<i>62 1/4</i>

Condition, Time, hr. min.
 Wt. Gross, lbs. Net, lbs.
 What Nos. shipped by Co.?
 Excluded from sample: No. *2*
 Sample represents *59 1/2* in. tons.
 Impurities? How do they occur?
Bulletin 22, p 492

Sample No. Can No. Lab. No. *B.M. 4385*
 Collector, *J.C.M. May* Coal: Survey No.
 Mine, *Clinton* Index No. *0529.26*
R.—COAL SAMPLE SHEET.



COAL MINE NOTES.

COUNTY *Clinton*

TOWN *Trenton*

MAP No. *0529*

T. *2N*

R. *5W*

S. *29 Center NW 1/4*

OPERATOR *Trenton Coal Co.*

OFFICE *Trenton*

MINE *South Mine #1*

USED IN COOP. REPT. 1912.

TIPPLE

ENGINES

BOILERS

DRUM

SHAFT

CAGE

HAULAGE

CARS

VENTILATION

DRAINAGE *A little water.*

SPRINKLING

WORKING SYSTEM *Room and Pillar*

MINING METHODS

Mined with punchers.

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

0529

*# 208 G 400
Dec 16 1178*



Operator, _____ Date *Jan 1, 1907*
 Mine, *South Newton* Sec. _____ T. _____ R. _____
 Located, _____ miles from *Newton - Baltimore & Ohio*
 Location in mine, *1500 ft N 2 S shaft in P. 5 - S 2, E 10*

GRAPHIC SECTION		DESCRIPTION OF SECTION (AT POINT SAMPLED)		
In.	No.	No.	(Note character and thickness of roof)	Inches
			<i>Roof, coal</i>	
0	1		<i>Coal</i>	<i>43 1/2</i>
	2		<i>Blue sand</i>	<i>4 3/4</i>
12	3		<i>Coal</i>	<i>48 3/4</i>
	4		<i>Sulphur</i>	<i>4 9</i>
24	5		<i>Blue sand</i>	
	6		<i>Coal</i>	<i>66 1/2</i>
36				
48	7			
	8			
60				
			<i>xxxxxx</i>	
			<i>xxxxxx</i>	
			<i>Floor. fine clay</i>	
			(Note character and thickness of floor)	
			Total thickness of coal.	<i>66 1/2</i>
		Condition,	Time,	hr. min.
		Wt. Gross, lbs.	Net,	lbs.
		What Nos. shipped by Co.?		
		Excluded from sample: No. <i>2</i>		
		Sample represents <i>65 1/4</i> in. tons.		
		Impurities? How do they occur?		

Sample No. _____ Can No. _____ Lab. No. *BM. 4384*
 Collector, *K. McNay* Coal: Survey No. _____
 Mine, _____ Co. *Clinton* Index No. *0529*



COAL MINE NOTES.
CONTINUED.

OPERATOR *Trenton Coal Co.*

MINE *South Mine #1*

ENTRANCE *Shaft.*

NAME OF COAL BED *D*

ELEVATION *495*

THICKNESS OF COAL

DEPTH TO FLOOR *320*

MAX.

MIN.

AV.

ALTITUDE OF COAL *Room 1, 2nd E. North side.*

495

LOCATION OF SECTION

USED IN COOP. REPT. 1912.

314

181

No.	SECTION.	In.
1	<i>Roof soapstone 40'</i>	
2	<i>Roof coal 4" to 6"</i>	<i>6"</i>
3	<i>Soft gray shale</i>	<i>1 1/2"</i>
4	<i>Bone coal</i>	<i>4"</i>
5	<i>Soft dark shale</i>	<i>1"</i>
6	<i>Coal</i>	<i>42"</i>
7	<i>Blue band</i>	<i>1 1/2"</i>
8	<i>Coal</i>	<i>18"</i>
9	<i>Fire Clay 4' to 5'</i>	
10	<i>Limestone</i>	
11		
12		
	<i>Type</i>	<i>Total</i>

SAMPLE No.

CAN No.

CONDITION

GROSS WEIGHT

TIME EXPOSED

NOT SHIPPED

NOT INCLUDED *1, 2, 3, 4, 5*

7, 9, 10.

SECTION



PHYSICAL PROPERTIES BY NUMBERS

**1 used for blacksmith coal*

*Considerable Cleat. Everything above #6 Left for roof.
About 4" to 5" above Blue Band is often a little bone coal.
Cleat followed in rooms.*

ROOF *Soapstone 40'*

FLOOR *Fire clay 4' to 5' Limestone +*

DIP

FAULTS, ETC. *No gas*

GAS

#1178

0529

COLLECTOR *Grout & Bain*

REFERENCE *N.B. 7:15 Page 22: 86* DATE *5-9-06*

U.S. Bull 332 p. 115

Clinton



Symbol Description Inches

(1 division=3 in.) USBM Bull 22, p 492-3

TRENTON. SOUTH TRENTON MINE.

Sample.—Bituminous coal; Illinois field; (Illinois No. 33) analyses Nos. 4384, 4385 (p. 83).

Mine.—South Trenton; at Trenton, on the Baltimore & Ohio Railroad.

Coal bed.—Herrin coal (Belleville, No. 6) of the United States Geological Survey. Carboniferous age, Carbondale formation. Roof, 1 foot of coal, with clod and about 1 foot of coal above; floor, fire clay.

The bed was measured and sampled at two points by K. M. Way, January 1, 1907, as shown below:

Sections of coal bed in South Trenton mine at Trenton.

Section.....	A	B
Laboratory No.....	4384	4385
Roof, coal.....	<i>Ft. in.</i>	<i>Ft. in.</i>
Coal.....	3 7½	3 1
Blue band a.....	0 1½	0 2½
Coal.....	0 4	0 4
Sulphur.....	0 0	0 0
Blue band.....	0 1	0 1½
Coal.....	1 5½	1 5
Floor, fire clay.....		
Thickness of bed.....	5 6½	5 2½
Thickness of coal sampled.....	5 5½	4 11½

a Not included in sample.

Section A (sample 4384) was measured 1,800 feet west of the shaft in room 5, south entry 2, off east entry 10.

Section B (sample 4385) was measured 2,000 feet northwest of the shaft in room 1, north entry 7, off west entry 5.

For results of tests of this coal, see mention of specific tests as follows—steaming tests: U. S. Geol. Survey Bull. 332, p. 121; Bureau of Mines Bull. 23, pp. 61, 159; briquetting tests: U. S. Geol. Survey Bull. 332, p. 121.

For chemical analyses see part I of this bulletin, p. 83; also U. S. Geol. Survey Bull. 332, p. 121.

Collector,

Coal: Survey No. 6

Mine. S. Trenton Co. Clinton

Index No. 0529,27

Q.—COAL SECTION SHEET.