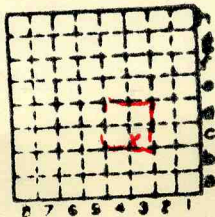




Form 180

Clark Coal & Coke Co.  
"Empire" #2



Sec. 10  
 T. 8 N.  
 R. 7 E.  
 Index No.

✓  
Main index 25



Town, Peoria

Local Authority,

Level: Auth.,

Surface alt., 650<sup>t</sup> ft.

Depth to coal, 181 ft.

Alt. top coal, 469 ft.

Thickness: Av. 48 in.

Max. 54 in., Min. 36 in.

Method, Est. top. map

R. R., M & ST. L RR



Location: authority, Co. map. in ans to letter May 4, '16

Peoria township

(Show R. R.)

Horace Clark Blue print 11-12-6

Operator

Mine Name or No.

19 Clark Coal & Coke Co.

No. 62  
Empire

Successor to

abandoned  
1925 (Coal Catalog)

Date

Succeeded by

Date

Succeeded by

Date

PRODUCTION.

	Illinois						U. S. No.
1917	232	594					

Geol. Notes?

Yes Coop. No. 25 Coal secs.? Yes

Analyses No.

2642, 5289-90-91, 1410

Examined by

Ref.

Coal bed name: Local

SHIPPING MINE

Survey No.



County

Peoria

Index No.

1610.53

K.—ACTIVE SHIPPING OR LOCAL COAL MINE.



COAL MINE NOTES.

1610

COUNTY Peoria

TOWN Peoria

MAP No.

1771B

T. 8 N.

R. 7 E

S. 10 SE 1/4 - center West 1/2

OPERATOR Clank Coal + Coke Co.

OFFICE Peoria, Ill

MINE Empire Mine #2. (Star Mine)

TIPPLE Steel - made in Peoria

ENGINES Atlas. direct connected.

BOILERS 3 hor. 6" flue - two - 72x22 one 72x18 Two Atlas. One O'Brien.

DRUM 5' (steel) drum

SHAFT Wood equipment CAGE Steel. (Peoria)

HAULAGE Elec. motors Trolley. 3 Goodman Motors - ones small. two large. Voltage 250.

CARS Wood ep. ton. Pony-haulage. dyn. 100 kw.

VENTILATION 15 fool Crawford.

DRAINAGE 1 Garden. 1 Hall. 20,000 gal. day

SPRINKLING a little.

WORKING SYSTEM Rooms + Pillar

MINING METHODS - Adopting chain machines. - to reduce % screenings

SIZE OF ENTRIES - MAIN 8 CROSS 8 ROOM 30 NECK

SIZE OF PILLARS - MAIN 13 CROSS 24 ROOM 6' 8'

SHAFT CHAIN BARRIER

AMOUNT OF TIMBERING - ~~not at all~~ SIZE

PROPORTION OF COAL UTILIZED 75%

AMOUNT AND CHARACTER OF WASTE Pillars drawn. where possible

Roof considered poor.

ACREAGE OF COAL MINED 200

ACREAGE OF COAL REMAINING 1000

PROPORTION OF MINE RUN AND SCREENED COAL

METHOD OF SIZING RESCREENED

SIZES & lump nut screenings

PER CENT 50% 15% 35%

PROPORTION AND SIZE OF WASHED COAL

DAILY OUTPUT 700 tons

UTILIZATION

MARKETS

FREIGHT RATES

SELLING PRICES AT MINE mine run 1.10 - 1.15

COAL LAND OWNED LEASED HELD IN FEE

COST OF LAND OWNED LEASED HELD IN FEE

1610

ADDITIONAL NOTES

1771B



COAL MINE NOTES.  
CONTINUED.

OPERATOR *Clark Coal & Coke Co.*

MINE #2. *Star Mine*

ENTRANCE *Shaft*

NAME OF COAL BED #5

\*177\*

ELEVATION *724±*

THICKNESS OF COAL

1610

DEPTH TO FLOOR *185*

MAX. *54*

MIN. *36*

AV. *48*

ALTITUDE OF COAL

LOCATION OF SECTION *11<sup>th</sup> E - 1st battentry - 3000ft from shaft*

No. SECTION.

No.	SECTION.	In.
1	Coal soot seam	7½
2	Coal soot seam	11½
3	Coal soot seam	72
4	Coal soo	8½
5		
6		
7		
8		
9		
10		
11		
12		
Tape <i>49½</i>		Total <i>49½</i>

SAMPLE No. *234*



CAN No. *55*

CONDITION *dry.*

GROSS WEIGHT *40"*

TIME EXPOSED *40-50"*

NOT SHIPPED *—*

NOT INCLUDED *—*

PHYSICAL PROPERTIES BY NUMBERS

Coal - ~~#~~ tough - hard to break. - Uniform in quality throughout - No definite line of impurities Occasional - sulphur ball coal. Clay slips are found - clay filling cracks from floor to roof These are not frequent, however.

ROOF *2" drayslate above coal - above: - 2'-12" dkslate*  
sometimes containing limestone band or cap rock 18" thick. S.S. above slate  
FLOOR where thin shale always falls from roof. Shale contains frequent "nigger heads"  
DIP Floor. Fire clay.

FAULTS, ETC. *None.*

GAS *None.*

Additional Notes *Wheeler NB139-P54*

COLLECTOR

REFERENCE

DATE

1610

*G. H. Cady*

*July 30, 1909*

\*177\*



COAL MINING INVESTIGATION

COOPERATIVE AGREEMENT

Operator, Clark Coal + Coke Co Date, 8-6-1912  
 Mine, #2 Located 1 miles ~~SE~~ from Maxwell  
 Location in mine, Face 3rd N off 1st W off straight S-  
 Total (vertical) depth from surface at point of sampling, 185 ft.

In describing the beds and character of the members, note any member that is rejected by the miner. Note all clay and sulphur partings, whatever their thickness. Exclude from sample all clay and sulphur partings  $\frac{3}{8}$  inch thick or over (and even those of less thickness if they are rejected at mine or tippie).

SECTION OF BED AT POINT SAMPLED

No.	DESCRIPTION	FEET	INCHES
X 1	Roof-Black Shale	—	—
2	Coal - Clean bright	1	1 3/4
3	Mother of Coal		1/2
4	Coal - fairly clean - slightly streaked		1 1/2
X 5	Sulphur		1/2
6	Coal - fairly clean	1	3/4
X 7	Bone - lens		1/2
8	Coal - fairly clean		1 1/2
X 9	Floor - fire clay		
10			
11			
12			
13			
14			
15			
16			
17			
TOTAL,		4	2 1/2

Is coal ~~wet~~ or dry? Dry ✓  
 Time exposed, 0 hours, 20 minutes.  
 Weight, gross, 30# net.

What are the impurities, and how do they occur? CaCO<sub>3</sub> on cleat. Pyrite in vert. streaks. Mother of coal + pyrite in hor streaks

What are shipped? 2-3-4-6-8.

What are excluded from the sample? 1-5-7-9.

Coal bed, #5  
 †Nearest railway station.

\*Direction (N., NE., etc.).

Town, Maxwell Mine, #2 Co. Clark Coal + Coke Co.  
 Sample No. 250 C Can No. 156.5 32 No. 15 1610  
 I.—COAL SAMPLE SHEET. Sampler. Smith + Nebel

#5289



COAL MINING INVESTIGATION

COOPERATIVE AGREEMENT

Operator, Clarke Coal Co Date, Aug. 6 1912  
 Mine, No. 2 Located 1 miles\* SE from † Maxwell  
 Location in mine, Face 13<sup>th</sup> E off Main South  
 Total (vertical) depth from surface at point of sampling, 185 ft.

In describing the beds and character of the members, note any member that is rejected by the miner. Note all clay and sulphur partings, whatever their thickness. Exclude from sample all clay and sulphur partings  $\frac{3}{8}$  inch thick or over (and even those of less thickness if they are rejected at mine or tippie).

SECTION OF BED AT POINT SAMPLED

No.	DESCRIPTION	FEET	INCHES
X 1	Roof-Black Shale	—	—
2	Coal-clean		11
3	Mother of coal parting	<u>thin</u>	$\frac{1}{8}$
4	Coal-clean		3
5	Mother of coal parting		$\frac{1}{8}$
6	Coal-fairly clean	2	$\frac{3}{4}$
X 7	Floor-Bottom coal	about	8in
X 8	Fire clay		
9			
10			
11			
12			
13		240	
14			
15			
16			
17			
	TOTAL,	3	3

Is coal wet or dry? -Dry  
 Time exposed, \_\_\_\_\_ hours, 20 minutes.  
 Weight, 25# gross, \_\_\_\_\_ net.  
 What are the impurities, and how do they occur? pyrite in vert. streaks  
a few horizontal streaks of mother of coal  
 What are shipped? 2, 3, 4, 5, 6, 7  
 What are excluded from the sample? 1, 7, 8

Coal bed, No. 5  
 \*Direction (N., NE., etc.). \_\_\_\_\_ †Nearest railway station.

Town, Maxwell Mine, No. 2 Co. Peoria  
 Sample No. 25 A Can No. Std 54 No. 25 1610

I.—COAL SAMPLE SHEET. Sampler, Nebel & Smith  
#5290



COAL MINING INVESTIGATION

COOPERATIVE AGREEMENT

Operator, Clarke Coal Co. Date, Aug 6 1912  
 Mine, No. 2 Located 1 miles\* S.E. from † Maxwell  
 Location in mine, Room 3-725 off 11<sup>th</sup> W off straight S.  
 Total (vertical) depth from surface at point of sampling, 185 ft.

In describing the beds and character of the members, note any member that is rejected by the miner. Note all clay and sulphur partings, whatever their thickness. Exclude from sample all clay and sulphur partings  $\frac{3}{8}$  inch thick or over (and even those of less thickness if they are rejected at mine or tippel).

SECTION OF BED AT POINT SAMPLED

No.	DESCRIPTION	FEET	INCHES
X1	Roof- Black Shale	—	—
2	Coal- fairly clean	3	5 1/2
X3	Bone-		3/8
4	Coal- clean		1 1/4 3/8
X5	Bone.		3/8
6	Coal- clean		5 1/2
X7	Floor- shell coal	—	—
X8	Fireclay		
9			
10			
11			
12			
13			
14			
15			
16			
17			
	TOTAL,	4	1

Is coal wet or dry? - Dry  
 Time exposed, 30 hours, 30 minutes.  
 Weight, 30# gross, net.

What are the impurities, and how do they occur? bone & mother of coal in hor. streaks - CaCO<sub>3</sub> in vert. streaks

What are shipped? 2, 4, 6, 7

What are excluded from the sample? 1, 3, 5, 7, 8

\*Direction (N., NE., etc.). †Nearest railway station. Coal bed, No. 2

Town, Maxwell Mine, No. 2 Co. 2  
 Sample No. 25B Can No. ISG 27 No. 2 1610

I.—COAL SAMPLE SHEET. Sampler, Nebel & Smith

# 5291