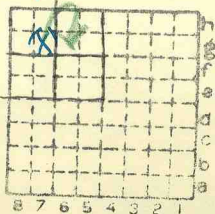


See loc. ^{det} for exact loc.

Chicago & Big Muddy CC #1

473

✓ ISGS
MI 65



Sec. 266

T. 9 S.

R. 2 E.

Index No.



Mine originally operated by: (1)

Chicago & Big Muddy Coal & Coke Company

Date

ante 1902

Original name or number: #1

Illinois Coal Report

p.

LATER OPERATORS

Date	Operator	Name or No.
2 1926	Chicago Big Muddy Coal Co.	B.M.
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		

* Also owners

#See ownership sheet

Railroad, Wagon, Idle, Abandoned

C&EI Coal Belt

84-1930
1925

SHIPPING MINE IDENTIFICATION

County No. 473

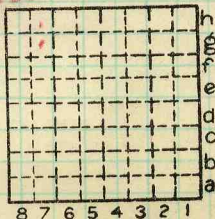
Coal No. 6



Part

Quad. W. Frankfort

County Williamson



Sec. 2

T. 9 N. S.

R. 2 E. W.

Index No.

0602 87

COAL MINE OPERATOR



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 Hand Level) 485 ft.

By G.H.C. NB79 p.26 Data sheet

DEPTH

Authority To coal ft. Authority Rail to rail ft. Top of coal above rail. (Est. Rule) ft. To coal 103 ft.

ALTITUDE OF TOP OF COAL

By estimated data ft. By instrumental data 382 ft.

Thickness

Max. 120 in. Min. 84 in. Aver. 96 in.

GEOLOGICAL DATA

Mine notes, date

Coop No. 65 Pyr. inv. Coal Ash inv.

CHEMICAL DATA

Analyses Face U. I. 4998, 5004-5 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

Classification

Misc. tests: Coking. Cleaning Boiler

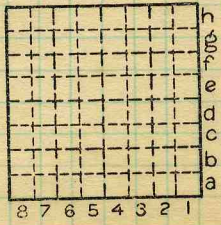
Published descriptions:—

Railroad, Wagon, Idle, Abandoned

IDENTIFICATION

County No. 473 Coal No. 6

Quad. W. Frankfort Part County Williamson



Sec. 2 T. 9 N. R. 2 E. W. Index No. 0602 g7

COAL MINE LOCATION AND DATA

Town, Marion

Local Authority,

Level: Auth., **GHC; NB79-p26**

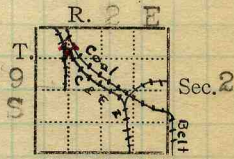
Peabody Map:
Method, H. L.

Surface alt., **485** ft.
Depth to coal, **103** ft.
Alt. top coal, **382** ft.
Thickness: Av. **96** in.
Max. **120** in., Min. **84** in.

R. R., C&E; Coal Belt

Location: authority, **GHC**

Letter New Enterprise
Coal Co. 3/26/18
Operator **GEN'L COAL REPT.**



(Show R. R.)

Mine Name or No.

Ante

19 02 Chicago & Big Muddy C. & C. Co No. 1

#473

Successor to

Date

Succeeded by

Date

Succeeded by

Date

Chicago Big Muddy Coal & ~~Marion~~ Co. B-M
Filed March 25

PRODUCTION.

							U. S. No.
19 15					190 051		910

Filed '26

Geol. Notes? **Yes**

Coop. No. **65**

Coal secs.? **5**

Analyses No. **4998, 5004-5 (Coop);**

Examined by **Grout;**

Ref.

Coal bed name: **Local**

Survey No. **6**

County **Williamson**

Index No. **0602.28**

K.—~~ACTIVE~~ SHIPPING **OR LOCAL COAL MINE.**

34



COAL MINE NOTES.

COUNTY *Williamson* TOWN _____ MAP No. *0602*
 T. *95* R. *2E* S. *2-NW, N.E.*
 OPERATOR *Chicago + Big Muddy Coal + Coke Co.*
 OFFICE *Fisher Bldg. Chicago.*
 MINE # *1 Big Muddy.*
 TIPPLE _____
 ENGINES *Etna, 1st motion*
 BOILERS _____
 DRUM *5'*
 SHAFT *9' x 16' 2. Pipe Comp. CAGE Bond.*
 HAULAGE *Electric + Mule*
 CARS *2 tons*
 VENTILATION *Etna fan 5' x 5' blades, 20' dia, reversible.*
 DRAINAGE *Pumps 1 Cameron #7, 1 Knowles #8 + 1 Knowles #9.*
 SPRINKLING _____
 WORKING SYSTEM _____
 MINING METHODS *Pick Mining.*
Cull as much coal as possible.
 SIZE OF ENTRIES—MAIN *10'* CROSS ROOM *20'* NECK *9-10'*
 SIZE OF PILLARS—MAIN *20'* CROSS ROOM *9'*
 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 *30% screened 70% Mine Run*
 METHOD OF SIZING RESCREENED
 SIZES
 PER CENT *45% temp. eq. 55% mat + screenings.*
 PROPORTION AND SIZE OF WASHED COAL
 DAILY OUTPUT *1500 tons.*
 UTILIZATION
 MARKETS *North + West.*
 FREIGHT RATES
 SELLING PRICES AT MINE *0602*
 COAL LAND OWNED LEASED HELD IN FEE
 COST OF LAND OWNED LEASED HELD IN FEE
 ADDITIONAL NOTES



COAL MINE NOTES.

CONTINUED.

OPERATOR *Chicago & Big Muddy Coal & Coke Co.* MINE #1 *Big Muddy*
ENTRANCE *Shaft.* NAME OF COAL BED #6
ELEVATION *490* THICKNESS OF COAL
DEPTH TO FLOOR *100* MAX. *10'* MIN. *7'* AV. *8'*
ALTITUDE OF COAL *390*

LOCATION OF SECTION

No.	SECTION.	In.
	<i>General</i>	
1	<i>Surface</i>	<i>27'</i>
2	<i>Black slate</i>	<i>8'</i>
3	<i>Soapstone</i>	<i>30'</i>
4	<i>sand rock</i>	<i>2'</i>
5	<i>Coal</i>	<i>8'</i>
6	<i>Fire Clay</i>	<i>2'</i>
7	<i>Limestone</i>	<i>8'</i>
8		
9		
10		
11		
12		
Tape		Total

SECTION

SAMPLE No.

CAN No.

CONDITION

GROSS WEIGHT

TIME EXPOSED

NOT SHIPPED

NOT INCLUDED

Feet

PHYSICAL PROPERTIES BY NUMBERS

*7 1/2' coal mined the rest left as roof.
a natural parting between upper and lower
part of coal. The coal 4" to 6" above the
parting especially hard.
Blue band 2 1/2' to 3' up 1" to 3" thick.*

ROOF *Coal left in roof 1/2'-2'*

FLOOR *2' fire clay.*

DIP *NE, no cleat.*

FAULTS, ETC. *Several faults, for description see
Bull 16. West Frankfort Quad.*

GAS

COLLECTOR *Coady* REFERENCE *M.B. 79, P26* DATE

*additional notes see " 28
" " Grout MBTP 78 & 79. on faults.*

0602

COAL MINING INVESTIGATION

COOPERATIVE AGREEMENT

Operator, *Chicago Big Muddy* Date, *6/21* 191*2*
 Mine, *Big Muddy* Located *3* miles *W* from *Marion*
 Location in mine, *7 South West*
 Total (vertical) depth from surface at point of sampling, *60* 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 tipple).

SECTION OF BED AT POINT SAMPLED

No.	DESCRIPTION	FEET	INCHES
1	Coal clean & bright	4	10 ¹ / ₂
2	Sulphur band		3/4
3	Coal clean & bright		3
4	Sulphur band		1/2
5	Coal clean & bright	1	9 ¹ / ₂
6			
7			
8			
9			
10			
11			
12			
13	Top coal not included		
14			
15			
16			
17			
	TOTAL,	7	1 ¹ / ₄

16

3

Is coal wet or dry? *Moist*
 Time exposed, _____ hours, *58* minutes.
 Weight, *51* gross, _____ net.
 What are the impurities, and how do they occur? *sulphur band*

What are shipped? *1 3 5*
 What are excluded from the sample? *2 4*

*Direction (N., NE., etc.). _____ Coal bed, *6*
 †Nearest railway station. _____

Town, *Marion* Mine, *Big Muddy* Co. *Williamson*
 Sample No. _____ Can No. *2* No. *65*

I.—COAL SAMPLE SHEET. Sampler, *J.M.W.* *0602*
#4995

COAL MINING INVESTIGATION

COOPERATIVE AGREEMENT

Operator, *Chicago Big Muddy* Date, *6/21* 191 *2*
 Mine, *Big Muddy* Located *3* miles* N.W. from † *Marion*
 Location in mine, *Face 3 South East*
 Total (vertical) depth from surface at point of sampling, *90* 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 tipple).

SECTION OF BED AT POINT SAMPLED

No.	DESCRIPTION	FEET	INCHES
1	<i>Coal clean & bright</i>	<i>5</i>	<i>6 1/2</i>
2	<i>Blue clay land</i>		
3	<i>Coal clean & bright</i>	<i>1</i>	<i>8</i>
4			
5			
6			
7			
8			
9			
10			
11	<i>Top coal not included.</i>		
12			
13			
14			
15			
16			
17			
TOTAL,		<i>7</i>	<i>2 1/2</i>

Is coal ~~wet~~ or dry? *dry*
 Time exposed, _____ hours, _____ minutes.
 Weight, _____ gross, _____ net.
 What are the impurities, and how do they occur? *Blue clay land*

What are shipped? *1 3*
 What are excluded from the sample? *2*
 Coal bed, *6*
 *Direction (N., NE., etc.). †Nearest railway station.

Town, *Marion* Mine, *Big Muddy* Co. *Williamson*
 Sample No. _____ Can No. *3* No. *65*
 I.—COAL SAMPLE SHEET. Sampler. *J.M.H.* *0602*
#5004

COAL MINING INVESTIGATION

COOPERATIVE AGREEMENT

Operator, *Chicago & Big Muddy* Date, *6/21* 191 *2*
 Mine, *Big Muddy* Located *3* miles* *N.W.* from † *Marrison*
 Location in mine, *Face 7 South east*
 Total (vertical) depth from surface at point of sampling, *90* 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
1	<i>Coal clean & Bright</i>	<i>7</i>	<i>2</i>
2			
3			
4			
5			
6			
7			
8			
9			
10	<i>Top coal not included</i>	<i>5</i>	
11			
12			
13			
14			
15			
16			
17			
TOTAL,			

Is coal wet or dry? *moist*
 Time exposed, *1 hr.* hours, minutes.
 Weight, *48* gross, net.
 What are the impurities, and how do they occur? *None.*

What are shipped? *Total*
 What are excluded from the sample? *Nothing*
 Coal bed,

*Direction (N., NE., etc.). †Nearest railway station.

Town, *Marrison* Mine, *Big Muddy* Co. *Williamson*
 Sample No. *4* Can No. *37* No. *65*

I.—COAL SAMPLE SHEET. Sampler. *J. M. H.* *0602*
#5005

COAL MINING INVESTIGATION

COOPERATIVE AGREEMENT

Operator, *Chicago + Big Muddy* Date, *6/21* 191*2*
 Mine, *Big Muddy* Located *3* miles *N.W.* from *Marion*.
 Location in mine, *Face 6 South West entry*
 Total (vertical) depth from surface at point of sampling, *60* 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
1			
2	<i>Coal clean & bright</i>	<i>1</i>	<i>2</i>
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13	<i>Top coal sample</i>		
14			
15			
16			
17			
	TOTAL,		

Is coal wet or dry?

Time exposed, *20* hours, *20 min.* minutes.

Weight, *12* gross, net.

What are the impurities, and how do they occur? *None*

What are shipped? *total*

What are excluded from the sample? *Nothing*

Coal bed, *6*

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

†Nearest railway station.

Town, *Marion* Mine, *Big Muddy* Co. *Helligson*
 Sample No. *3* Can No. *59* No. *15*

I.—COAL SAMPLE SHEET. Sampler.

J.M. Webb 0602