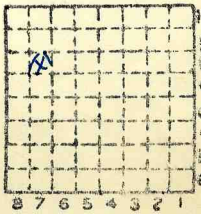
John C. Moore Corporation, Rochester, N. Y. Binder and holes in leaves Patented.
2083
MOORE'S MODERN METHODS
Form 180

Dank Bros. CC #1

124



John C. Moore Corporation, Rochester, N. Y. Binder and holes in leaves, each Patented 1906. 364228

MOORE'S MODERN METHODS

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) 512.1 ft.

By P. S. M. Data sheet

DEPTH

Authority To coal ft.

Authority Rail to rail ft.

Top of coal above rail. (Est. Rule) ft.

To coal 133 ft.

ALTITUDE OF TOP OF COAL

By estimated data

By instrumental data 379 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. Bull. 22 (4)	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

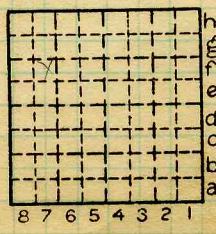
IDENTIFICATION

County No. 124 Coal No. 6

Part

Quad. 226

County Madison



Sec. 22

T. 3 N. S.

R. 8 W. E.

Index No. 1822.7f

COAL MINE LOCATION AND DATA

(34215—1M—3-30) 7

John C. Moore Corporation, Rochester, N. Y. Binder and holes in leaves, each Patented 1906. 122976

COAL MINE NOTES.

COUNTY Madison TOWN Donkville MAP No. 2122

T. 3N R. 8W S. 22 NW¼ 1822

OPERATOR Donk Bros. Coal & Coke Co.

OFFICE St Louis

MINE #1

USED IN COOP. REPT. 1912.

TIPPLE

ENGINES

BOILERS

DRUM

SHAFT CAGE

HAULAGE

CARS

VENTILATION

DRAINAGE

SPRINKLING

WORKING SYSTEM

MINING METHODS

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 2122

COAL LAND OWNED LEASED HELD IN FEE

COST OF LAND OWNED LEASED HELD IN FEE 1822

ADDITIONAL NOTES

John C. Moore Corporation, Rochester, N. Y. Binder and holes in leaves, each Patented 1906. 122976

COAL MINE NOTES.
CONTINUED.

OPERATOR Donk Bros. Coal & Coke Co. MINE #1 1822

ENTRANCE Shaft NAME OF COAL BED #6

ELEVATION 525 THICKNESS OF COAL

DEPTH TO FLOOR 140 MAX. MIN. AV. 84"

ALTITUDE OF COAL 385

USED IN COOP. REPT. 1912.

LOCATION OF SECTION Face of Room #8, 12th N Entry off 4th East.

No.	SECTION.	In.
1	Coal	26
2	Rock	1
3	Coal	12
4	Rock	3/4
5	Coal	20
6	Blue Band	1
7	Coal	14
8		
9		
10		
11		
12		
	Tape Total	

SECTION

SAMPLE No.

CAN No.

CONDITION 26" 1" 12" 3/4 20" 1" 14"

GROSS WEIGHT

TIME EXPOSED

NOT SHIPPED

NOT INCLUDED

PHYSICAL PROPERTIES BY NUMBERS

ROOF Some place dark grey clod comes in between coal and cap rock which is L.s.

FLOOR Fire Clay.

DIP

FAULTS, ETC.

GAS

COLLECTOR Moses REFERENCE N.B. 15. P46 DATE 2/22/22 1822

John C. Moore Corporation, Rochester, N. Y. Binder and holes in leaves, each Patented 1906. 218834

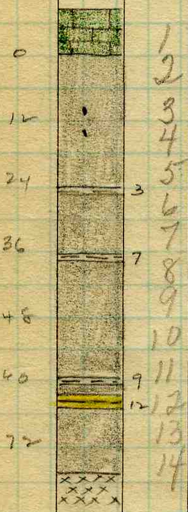
Operator, | Date *Jan 15-06*

Mine, *No 1* | Sec. | T. | R.

Located, | miles from *Donkville - St. L. Troy & East.*

Location in mine, *N 5 W 6. 4000 ft NW of shaft.*

GRAPHIC SECTION	DESCRIPTION OF SECTION (AT POINT SAMPLED)



No.	(Note character and thickness of roof)		Inches
	Roof - limestone		
1	*Coal*	24	24
2	*Sulphur*		
3	*Shale*	24 1/2	1/2
4	*Coal*	36 1/2	12
5	*Sulphur*		
6	*Coal*		
7	*Shale*	37 1/2	1
8	*Coal*	59 1/2	22
9	*Shale*	60	1/2
10	*Sulphur*		
11	*Coal*	62	2
12	*Shale & sulphur*	64	2
13	*Blue band (shale)*		
14	*Coal*	76	12

Floor, fireclay

(Note character and thickness of floor)

Total thickness of coal. *76*

Condition, | Time, | hr. | min.

Wt. Gross, | lbs. | Net, | lbs.

What Nos. shipped by Co.?

Excluded from sample: No, *7, 9, 11, 12*

Sample represents *46 1/2* in. | tons.

Impurities? How do they occur?

Bulletin 22, p. 499

Sample No. | Can No. | Lab. No. *B.M. 2775*

Collector, *J. W. Groves* | Coal: Survey No. ☐

Mine, *W. J. Von Borries* | Co. *Madison* | Index No. *1822 (2)*

R.—COAL SAMPLE SHEET.

John C. Moore Corporation, Rochester, N. Y. Binder and holes in leaves, each Patented 1906. 218834

Operator,
Mine, No 1
Located, miles from Dowkville. St Louis, Troy & East.
Location in mine, N 5-66, 3800 ft N & E of shaft.

Date Jan 15, 1906
Sec. Tw. R.

GRAPHIC SECTION In.	No.	No.	DESCRIPTION OF SECTION (AT POINT SAMPLED) (Note character and thickness of roof)		Inches
			Roof, limestone		
0	1	1	Coal	8	8
		2	Sulphur	8 1/8	1/8
12	2	3	Shale		
		4	Coal	18 1/8	10
24	5	5	Sulphur	18 1/4	1/8
	7	6	Coal	25 1/4	7
36		7	Shale	25 1/2	1/4
		8	Coal	51 1/2	26
48		9	Shale		
	10	10	Sulphur	52 1/2	1
60	13	11	Coal	57 1/2	5
		12	Shale & sulphur		
72		13	Blue band (shale)	59	1 1/2
		14	Coal	71	12
			Floor, fire clay		
			(Note character and thickness of floor)		
			Total thickness of coal.		71

Condition, Time, hr. min.
Wt. Gross, lbs. Net, lbs.
What Nos. shipped by Co.?

Excluded from sample: No. 9, 10, 13
Sample represents 68 1/4 in., , tons.
Impurities? How do they occur?
Bulletin 22, p. 499

Sample No. Can No. Lab. No. Bm 2774
Collector, F. W. Groves
Mine, W. J. Von Bonnie Co. Madison Coal: Survey No.
Index No. 1822 (?)

R.—COAL SAMPLE SHEET.

John C. Moore Corporation, Rochester, N. Y. Binder and holes in leaves, each Patented 1906. 286434

MOORE'S MODERN METHODS

Symbol (1 division=3 in.) Description Inches

USBullBull 22, p 499-500

DONKVILLE. NO. 1 MINE.

Sample.—Bituminous coal; Illinois field; (Illinois No. 23) analyses Nos. 2774, 2775 (p. 87).

Mine.—No. 1; a shaft mine at Donkville, on the St. Louis, Troy & Eastern Railroad.

Coal bed.—Herrin coal (Belleville, No. 6) of the United States Geological Survey. Carboniferous age, Carbondale formation. At this mine nearly horizontal, with a general dip northeast. Average thickness at this mine, 6 feet. The bed has a roof of limestone, and a floor of gray fire clay. Shale and pyrites occur as thin laminæ in the coal. The shaft is 145 feet deep.

Two sections of the bed were measured and sampled by J. W. Groves and W. J. von Borries on January 15, 1906, as shown below:

Sections of coal bed in No. 1 mine at Donkville.

Section	A		B	
Laboratory No.	2774		2775	
Roof, limestone.	Ft.	in.	Ft.	in.
Coal	0	8	2	0
Sulphur	0	½	..	..
Shale	..	..	0	½
Coal	0	10	1	0
Sulphur	0	½	..	..
Coal	0	7	..	..
Shale	a 0	½	a 0	1
Coal	2	2	1	10
Shale	..	..	a 0	½
Sulphur	a 0	1	..	..
Coal	0	5	a 0	2
Shale and sulphur	..	..	a 0	2
Blue band (shale)	a 0	1½	..	..
Coal	1	0	1	0
Floor, fire clay.				
Thickness of section	5	11	6	4
Thickness of coal sampled	5	8½	3	10½

[a] Not included in sample.

Section A (sample 2774) was measured in north entry 5 off east entry 6, 3,800 feet northeast of the shaft.

Section B (sample 2775) was measured in north entry 5 off west entry 6, 4,000 feet northwest of the shaft.

Notes.—The coal worked at this mine is hard and firm; the bed has prominent face and butt joints. The tipple in 1905 was equipped with 5-inch, 2-inch, and 1¼-inch screens. The coal under 2 inches in size was washed.

For results of tests of this coal, see mention of specific tests as follows—steaming tests: U. S. Geol. Survey Bull. 332, p. 95; Bureau of Mines Bull. 23, pp. 61, 156, 157; producer-gas tests: U. S. Geol. Survey Bull. 332, p. 96; Bureau of Mines Bull. 13, pp. 119, 273; briquetting tests: U. S. Geol. Survey Bull. 332, p. 97; washing tests: U. S. Geol. Survey Bull. 332, p. 93; Bull. 336, pp. 13, 14; coking tests: U. S. Geol. Survey Bull. 332, p. 97; Bull. 336, pp. 22, 28, 37.

For chemical analyses, see part I of this bulletin, p. 87; also U. S. Geol. Survey Bull. 332, p. 95.

Collector, Coal: Survey No. 6

Mine. #1 Co. Madison Index No. 1822,27

Q.—COAL SECTION SHEET.