



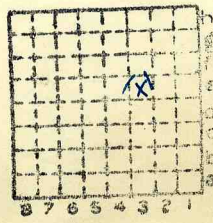
Form 180

ml 438

Donk Bros CC #2

M.i.* BM36

123



Sec.	11
T.	3 4
R.	8 9
Index No.	

J



Mine originally operated by: (1)

Date

1901

Maryville

Original name or number: #2

Illinois Coal Report p.

LATER OPERATORS

Date	Operator	Name or No.
2 1926	Donk Bros. Coal Co.	2
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		

* Also owners

#See ownership sheet

Railroad, Wagon, Idle, Abandoned 1926

SHIPPING MINE

IDENTIFICATION

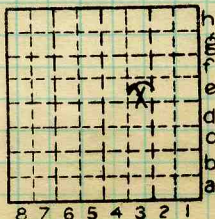
County No. 123

Coal No. 6

Quad. 226

Part

County Madison



Sec. 11

T. 3 N. 2

R. 8 W. 2

Index No.

1811.3E

COAL MINE OPERATOR



Form 180

Notes regarding coal beds below #6 Coal in
Belleville Quad. - and clay mine near Collinsville.

Ref. USGS Folio 195 - 1915

There appear to be three coal beds, one in the Pottsville formation, another about 50 feet higher, at the base of the Carbondale formation, and another about 40 feet below the Herrin coal. Where the Mississippian series rises highest the lowest of the three coals, which is probably the stratigraphic equivalent of that described by Worthen as Coal No. 1, is absent. The second coal bed, which is probably the Murphysboro coal (No. 2), overlies the clay in the mine near Collinsville and serves as a roof in the entries. At this place the coal is cut by numerous "clay veins" 1 inch to 5 inches thick and 1 foot to 3 feet apart, which follow sinuous courses in haphazard fashion and are not influenced by any system of parallel joining. The highest of the three minor coals is probably equivalent to the Springfield coal (No. 5 of Worthen). It ranges in thickness from 2 to 6 feet and in position from 32 to 58 feet below the Herrin coal. The distance between any two of the coal beds increases, however, somewhat irregularly from west to east, most of not all of the beds showing a thickening in that direction

Collinsville Area. MADISON COUNTY
T 3 N - R - 8 W



LOCATION AND ELEVATION

Location: side St. L. T. & E R. R.
 side R. R.
 side Highway No.

on top. map Location sheet

Elevation: Method, 1. Est. () _____ ft.
 2. Inst. (kind _____) 577.3 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 238 ft.

ALTITUDE OF TOP OF COAL

By estimated data _____
 By instrumental data _____

339 ft.

Thickness

Max. in. Min. in. Aver. 84 in.

GEOLOGICAL DATA

Mine notes, date _____

Coop No. Pyr. inv. Coal Ash inv.

CHEMICAL DATA

Analyses Face	U. I.	B. M. <u>Bull. 22 (4)</u>	Others
Car	U. I.	B. M. <u>(Maryville #2)</u>	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 1926

IDENTIFICATION

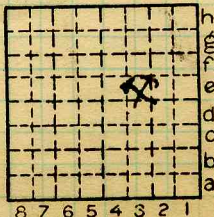
County No. 123

Coal No. 6

Quad. 226

Part

County Madison



Sec. 11
 T. 3 N.
 R. 8 W.
 Index No.

1811.3e

COAL MINE LOCATION AND DATA



Madison, Maryville.

COAL MINE NOTES.

CONTINUED.

OPERATOR *Donk Bros. Coal & Coke Co.* MINE *2 1811

ENTRANCE NAME OF COAL BED

ELEVATION THICKNESS OF COAL

DEPTH TO FLOOR MAX. MIN. AV.

ALTITUDE OF COAL

LOCATION OF SECTION *Face Main East on South Side.*

No. SECTION.

No.	SECTION.	In.
1	<i>Top Coal</i>	<i>22</i>
2	<i>Sulphur</i>	<i>1/4</i>
3	<i>Coal</i>	<i>20</i>
4	<i>Sulphur</i>	<i>1/2</i>
5	<i>Coal (drift bed)</i>	<i>15</i>
6	<i>Sulphur</i>	<i>1/2</i>
7	<i>Coal (Block)</i>	<i>16</i>
8	<i>Sulphur</i>	<i>1"</i>
9	<i>Coal</i>	<i>6</i>
10	<i>Blue Band</i>	<i>1</i>
11	<i>Coal</i>	<i>21</i>
12		
Tape		Total <i>102 1/2</i>

SAMPLE No.

CAN No.

CONDITION

GROSS WEIGHT

TIME EXPOSED

NOT SHIPPED

NOT INCLUDED

SECTION



PHYSICAL PROPERTIES BY NUMBERS

ROOF

FLOOR

DIP

FAULTS, ETC.

GAS

1811

27777

COLLECTOR *Rutledge*

REFERENCE *N.B. 6-P 45*

DATE *6-15-06*



COAL MINE NOTES.
CONTINUED.

OPERATOR *Donk Bros. Coal & Coke Co.* MINE # *2* 1811
 ENTRANCE *Shaft.* NAME OF COAL BED # *6*
 ELEVATION *573* THICKNESS OF COAL
 DEPTH TO FLOOR *245* MAX. MIN. AV. *84"*
 ALTITUDE OF COAL *328* *USED IN COOP. REPT. 1912.*
 LOCATION OF SECTION *Face of Room #19 1st E of N. Side.*

No. SECTION.

No.	SECTION.	In.
1	<i>Coal</i>	<i>38 1/2</i>
2	<i>Sulphur</i>	<i>1</i>
3	<i>Coal</i>	<i>30</i>
4	<i>Sulphur</i>	<i>1</i>
5	<i>Coal</i>	<i>7</i>
6	<i>Blue Band</i>	<i>1</i>
7	<i>Coal</i>	<i>23 1/2</i>
8		
9		
10		
11		
12		
	<i>Tape</i>	<i>Total</i>

SAMPLE No.

CAN No.

CONDITION

GROSS WEIGHT

TIME EXPOSED

NOT SHIPPED

NOT INCLUDED

SECTION

Feet

38 1/2"

1"

30"

1"

23 1/2"

PHYSICAL PROPERTIES BY NUMBERS

ROOF *Black slate very thin, then a clod about 6' thick.*

FLOOR *Hard dry Fire Clay.*

DIP

FAULTS, ETC.

GAS

COLLECTOR *Moses Rutledge* REFERENCE *N.B. 15, P48; 6 P45* DATE

******* 1811



Symbol Description Inches
(1 division=3 in.) *U.S.G.M. Bull 22, p 501*

MARYVILLE. NO. 2 MINE.

Sample.—Bituminous coal; Illinois field; (Illinois No. 22) analyses Nos. 2772, 2773 (p. 87).

Mine.—No. 2; a shaft mine at Maryville, on the St. Louis, Troy & Eastern Railroad.

Coal bed.—Herrin coal (Belleville, No. 6) of the United States Geological Survey. Carboniferous age, Carbondale formation. Its general dip at this mine is northeast. It is from 7 to 11 feet thick at this mine, averaging 8 feet. The bed has a hard shale roof, and a floor of fire clay and hard gray shale. Sulphur and shale in regular layers and in lenses are the impurities of the bed.

Two sections were measured and sampled by J. W. Groves and W. J. Von Borries on January 13, 1906, as noted below:

Sections of coal bed in No. 2 mine at Maryville.

Section.....	A		B	
	2772		2773	
Laboratory No.....	Ft. in.		Ft. in.	
Roof: shale.....				
Coal.....	1	7	1	4½
Sulphur.....	a 0	½	a 0	½
Shale.....				
Coal.....	0	10	1	1
Sulphur and shale.....	a 0	¾	a 0	¾
Sulphur.....				
Coal.....	0	8	0	10½
Shale.....	a 0	¼	a 0	¼
Sulphur.....				
Coal.....	0	5	0	10½
Sulphur.....	a 0	½	a 0	½
Shale.....				
Coal.....	0	10	1	4
Shale and sulphur.....	a 0	½	a 0	1
Coal.....	1	5	0	6
Sulphur.....	a 0	½	a 0	½
Shale.....				
Coal.....	0	6	a 0	1
Sulphur.....	a 0	½	1	11
Coal.....	1	10		
Floor, sec. A, fire clay; sec. B, shale.....				
Thickness of section.....	8	3½	8	2½
Thickness of coal sampled.....	8	1	7	11½

a Not included in sample.

Section A (sample 2772) was measured in the main south entry, 3,000 feet south of the shaft.

Section B (sample 2773) was measured in east entry 9, 2,500 feet north of the shaft.

Notes.—In 1905, the sizes produced were lump, egg, pea, and slack by 5-inch, 2-inch, 1½-inch, and ¾-inch screens. The estimated output was 1,700 tons per day.

For results of tests of this coal, see mention of specific tests as follows—steaming tests: U. S. Geol. Survey Bull. 332, p. 92; Bureau of Mines Bull. 23, pp. 61, 156; producer-gas tests: U. S. Geol. Survey Bull. 332, p. 93; Bureau of Mines Bull. 13, pp. 119, 273; washing tests: U. S. Geol. Survey Bull. 332, p. 93; Bull. 336, p. 13; coking tests: U. S. Geol. Survey Bull. 332, p. 93; Bull. 336, pp. 22, 28, 37; cupola tests of coke: U. S. Geol. Survey Bull. 336, pp. 65, 68, 70, 72, 74; Bull. 332, p. 94.

For chemical analyses see part I of this bulletin, p. 87; also U. S. Geol. Survey Bull. 332, p. 92.

Collector,

Mine. #2

Co. *Madison*

Coal: Survey No. 6

Index No. *1811.75*



Operator, _____ Date *Jan 13, '06*
 Mine, *No 2-* Sec. _____ T. _____ R. _____
 Located, _____ miles from *Marysville Sta. Troy East*
 Location in mine, *E 9 2500 ft N 7 shaft*

GRAPHIC SECTION		DESCRIPTION OF SECTION (AT POINT SAMPLED)		
In.	No.	No.	(Note character and thickness of roof)	Inches
	1		<i>Roof shale</i>	
	2		<i>Coal</i>	<i>16 1/2</i>
	3		<i>Sulphur</i>	—
<i>12</i>	4		<i>Shale</i>	<i>16 5/8</i>
	5		<i>Coal</i>	<i>29 5/8</i>
<i>24</i>	6		<i>Sulphur & shale</i>	—
	7		<i>Sulphur</i>	<i>29 6/8</i>
<i>36</i>	8		<i>Coal</i>	<i>46 1/4</i>
	9		<i>Shale</i>	—
<i>48</i>	10		<i>Sulphur</i>	<i>40 3/8</i>
	11		<i>Coal</i>	<i>50 7/8</i>
<i>60</i>	12		<i>Sulphur</i>	—
	13		<i>Shale</i>	<i>51 5/8</i>
<i>72</i>	14		<i>Coal</i>	<i>67 5/8</i>
	15		<i>Shale & sulphur</i>	<i>68 5/8</i>
<i>84</i>	16		<i>Coal</i>	<i>74 5/8</i>
	17		<i>Sulphur</i>	—
<i>96</i>	18		<i>Shale</i>	<i>75 5/8</i>
	19		<i>Coal</i>	<i>98 5/8</i>
	20		<i>Sulphur</i>	—
			(Note character and thickness of floor)	
			<i>Floor shale</i>	—
			Total thickness of coal.	<i>98 5/8</i>

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

Excluded from sample: No. *3 6 9 12 14 17*
 Sample represents *95 1/2* in. _____ tons.
 Impurities? How do they occur?
Bulletin 22, p 501

Sample No. _____ Can No. _____ Lab. No. *Bm. 2773*
 Collector, *J. J. Groves* Coal: Survey No. _____
 Mine, *J. J. Groves* Co. *Madison* Index No. *1811*
R.—COAL SAMPLE SHEET.



Operator, _____ Date Jan 13, 1906
 Mine, No 2- Sec. _____ T. _____ R. _____
 Located, _____ miles from Marysville, St. L. Tryon & East
 Location in mine, Main S. 300 ft S. 2 shaft.

GRAPHIC SECTION		DESCRIPTION OF SECTION (AT POINT SAMPLED)		
In.	No.	No.	(Note character and thickness of roof)	Inches
			<u>Roof-shale</u>	
0	1	1	Coal	19
	2	2	Sulphur	19 1/8
12	3	3	Shale	
	4	4	Coal	29 1/8
24	5	5	Sulphur & shale	29 7/8
	6	6	Sulphur	
36	7	7	Coal	37 7/8
	8	8	Shale	38 1/2
48	9	9	Sulphur	
	10	10	Coal	43 1/8
60	11	11	Sulphur	43 1/4
	12	12	Shale	
72	13	13	Coal	53 1/4
	14	14	Shale & Sulphur	53 1/2
84	15	15	Coal	70 1/2
	16	16	Sulphur	71
96	17	17	Shale	
	18	18	Coal	77
	19	19	Sulphur	77 1/4
	20	20	Coal	79 1/4
			(Note character and thickness of floor)	
			<u>Floor, Fire clay.</u>	
			Total thickness of coal.	<u>99 1/4</u>

Condition, _____ Time, _____ hr. _____ min.
 Wt. Gross, _____ lbs. Net, _____ lbs.

What Nos. shipped by Co.?

Excluded from sample: No. 2 5 8 11 14 16 19
 Sample represents 97 in. _____ tons.

Impurities? How do they occur?

Bulletin 22, p 501

Sample No. _____ Can No. _____ Lab. No. BM 2772

Collector, J. M. Groves Coal: Survey No. _____

Mine, M. J. Bonnie Co. Madison Index No. _____