

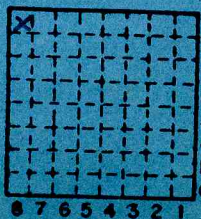


Form 180 Blue

Location sheet filed

*Mt. Olive + STAUNTON C. C.,
#2*

*COUNTY No. 112
S-6*



Sec. 10
 T 6 N.
 R. 2.
 Index No. 6 W.



Mine originally operated by: (1)

Date Mt. Olive & Staunton Coal Co.
1904

Original name or number: #2
Illinois Coal Report 1904 p.

LATER OPERATORS

Date	Operator	Name or No.
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		

150'S 100'E of NW corner NW NW

1946
OK

* Also owners #See ownership sheet

Railroad, Wagon, Idle, Abandoned Shaft

L. & M.

S-4

IDENTIFICATION

County No. 112

Coal No. 6

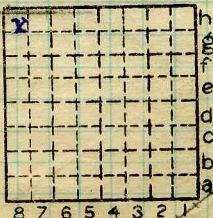
Edwardsville

Quad. 220

Part

County Madison

(1948) 6' 6"



Sec. 10

T. 6

N.

R. 6

W.

Index No.

0210 h8

COAL MINE OPERATOR

B.G.



Mt. Olive & Staunton #2
COAL PRODUCTION (Sheet)

(Sheets)

Period				Tons	
Mo.	Day	Year	Mo.	Day	Year
		1926			5 000
		1927			581 185
		1931			446 779
		1932			289 485
		1936			704 437
		37			531 737
		38			390 089
		39			675 947
		40			732 071
		41			813 372
		42			824 051
		43			866 202
		44			840 651
		45			837 075
		46			841 965
		47			840 192
		48			793 233
		49			674 339
		50			676 950
		51			533 002
		52			524 469
		53			418 939
		1954			403 850
		1955			440 541

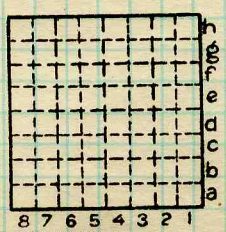
SUMMARIES

No.	to	No.			
1904		1935	18	569	903

Railroad, Wagon, Strip, Idle, Abandoned

IDENTIFICATION

County No. 112 Coal No. 6
 Coal Report No. S-6
 Quad. 220
 County Madison



Sec. 10
 T. 6 N.
 R. 6 W.
 Index No. 0210 h 8

COAL MINE—PRODUCTION
 ILLINOIS GEOLOGICAL SURVEY, URBANA





(Sheets) COAL PRODUCTION (Sheet 2)

Period				Tons				
Mo.	Day	Year	Mo.	Day	Year			
					1956	388	111	
idle	6-57				1957	198	146	

SUMMARIES

No. to No.

Railroad, Wagon, Strip, Idle, Abandoned

IDENTIFICATION

County No. 112

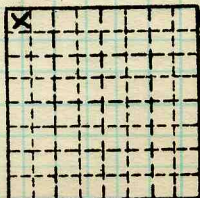
Coal No.

Coal Report No. S-6

6

Quad. 220

County MADISON



Sec. 10

T. 6 N.

R. 6 W.

Index No.

COAL MINE—PRODUCTION

ILLINOIS GEOLOGICAL SURVEY, URBANA





LOCATION AND ELEVATION

Location: **S** side **L + M** R. R.
 side R. R.

E side Highway No. **16** **1 mile**

on top. map Location sheet **Map Files # 9-60-19**

Elevation: Method, 1. Est. () ft.
 2. Inst. (kind **PT**) **608.9** ft.

By **p.69-3** **PSMNB59L** Data sheet

DEPTH

Authority To coal **312 (1939)**
304 ft.
 Authority Rail to rail _____ ft.
 Top of coal above rail. (Est. Rule) _____ ft.
 To coal **293** ft.

ALTITUDE OF TOP OF COAL

By estimated data _____
 By instrumental data **316** ft.

Thickness
 Max. **96** in. Min. **60** in. Aver. **84** in. **78'**

GEOLOGICAL DATA

Mine notes, date **1909** _____
1912 _____
 Coop No. **73** Pyr. inv. _____ Coal Ash inv. _____

CHEMICAL DATA

Analyses Face	U. I. 5075-6-8	B. M. 1626, 1625, 4227 2731, 1639, 1635	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

#73
 Classification **R.I. 119 U.C.I. 143**

Misc. tests: Coking. _____ Cleaning _____ Boiler _____

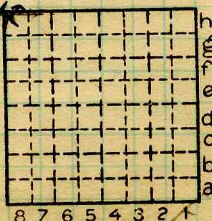
Published descriptions:—

Railroad, Wagon, Idle, Abandoned

IDENTIFICATION

County No. **112**
S-6 **Edwardsville**
 Quad. **220**
 County **Madison.**

Coal No. **6**
 Part



Sec. **10**
 T. **6** N.
R. 6 W.
 Index No.

0210.8h

COAL MINE LOCATION AND DATA



3322

John C. Moore Corporation, Rochester, N. Y. Binder and holes in leaves, each Patented 1906.
(35031-500-6-25)

Mine Name or No. 2 Mine Address Staunton I 11

Operator MT Olive and Staunton Coal Co.

Main Office Address 1012 Federal Commerce Trust Bldg
800 Wackerly Gas Bldg.
ST LOUIS

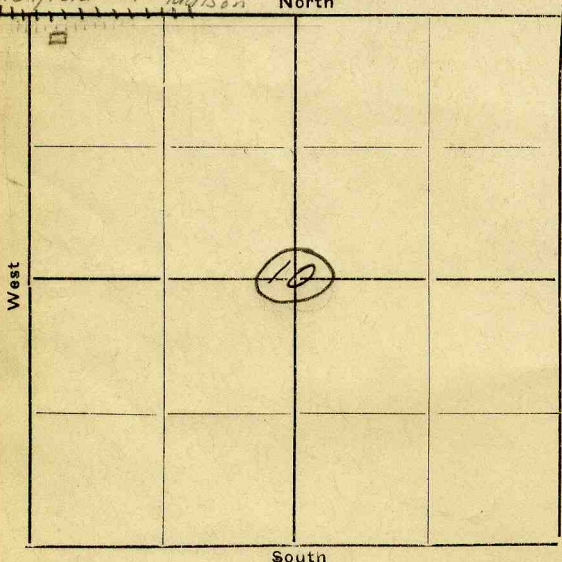
Location of Mine:

Township Name Olive County Madison

Section No. 10 Township 6 N Range 6 W

Indicate location of mine and position of R. R. in plat of section below.

Litchfield and Madison North



Kindly state number of feet from quarter section lines:

----- 100 from N. line
----- from E. line
----- from S. line
----- 100 from W. line

Idle entire year 19____ Yes
No

Abandoned (date) 19____

Surface landing is _____ feet above sea level or about _____ feet (above) (below) railroad station at _____ (nearest town).

Depth to top of coal is 319 feet.

Average thickness of coal is 6 feet 4 inches.

Do not fill in below this line.

Coal Bed Name Bellewite Survey No. 6

County Madison Index No. _____



Operator, *Mt Olive & Staunton Coal Co* Date *July 21 1931*
 Mine, *No 2* Sec. *10* T. *6 N* R. *6 W*
 Location in mine, *121-122 X-cut off 14th Right Nave (over*

GRAPHIC SECTION

DESCRIPTION OF SECTION (AT POINT SAMPLED)

In.	No.	No.	(Note character and thickness of roof)	Inches
			<i>Limestone</i>	
			<i>2" of Clod.</i>	
			<i>Top of Coal</i>	
	11			
	10			
	9			
		(11)	<i>parting</i>	
		(10)	<i>1/16 charcoal</i>	
		(9)	<i>1/4 charcoal pyrite</i>	
		(8)	<i>1/4 charcoal</i>	
	8			
		(7)	<i>1/4 pyrite and charcoal</i>	
	7			
		(6)	<i>3/8 charcoal</i>	
	6			
		(5)	<i>parting</i>	
		(4)	<i>parting</i>	
	5			
		(3)	<i>1/4" pyrite</i>	
		(2)	<i>1/8" pyrite parting</i>	
	4			
		(1)	<i>Blue Band 1 1/2" Hard Pyritic Clay</i>	
		(0)	<i>Fire Clay</i>	
			(Note character and thickness of floor)	
	3		<i>Total thickness of coal</i>	
	2			
	1			
	0			

Condition, Time, hr. min.
 Wt. Gross, lbs. Net, lbs.
 What Nos. shipped by Co.?
 Excluded from sample: No.
 Sample represents in. tons.
 Impurities? How do they occur?

(1 division = 3 in.)

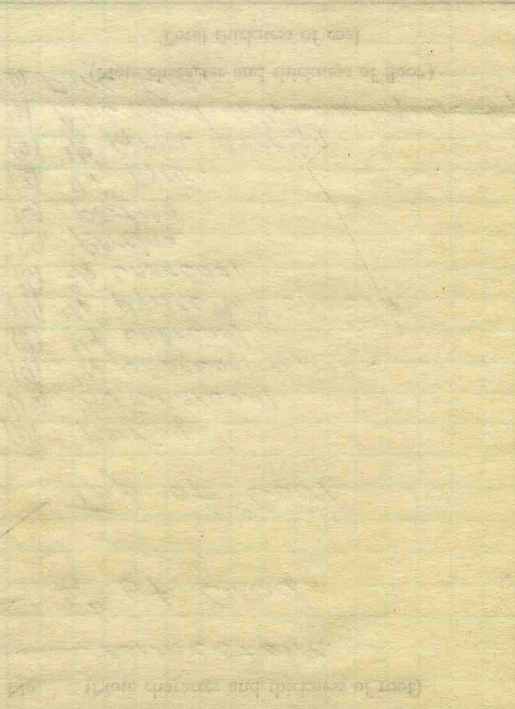
Sample No. *8* Can No. *R-8* Lab. No.

Collector, *R. M. Johnson* Coal: Survey No. 1
 Mine, *Mt Olive & Staunton* Co. *Madison* Index No.

7200' East and 3800' South of
shaft.

Sheet No. 10
Cover: 2000' x 100'

Indication of top of the section
to be measured in feet
Required from section No.
Date of section No. 10
No. of section No. 10
Location



DESCRIPTION OF SECTION (SEE FORM 2, 1912)

SECTION IN FEET
100' 200' 300' 400' 500' 600' 700' 800' 900' 1000'



Operator, *Mt Olive 3rd Staunton Coal Co* Date *July 22, 1931*
 Mine, *No 2* Sec. *10* T. *6 N* R. *6 W*
 Location in mine, *Room 137 on 10th Right North* *(over)*

GRAPHIC SECTION		DESCRIPTION OF SECTION (AT POINT SAMPLED)		
In.	No.	No.	(Note character and thickness of roof)	Inches
			<i>Limestone Roof</i>	
			<i>Top of Seam</i>	
		(13)	<i>Charcoal parting</i>	
		(12)	<i>Charcoal parting</i>	
		(11)	<i>1/16 pyrite lamina</i>	
		(10)	<i>1" of clay, coal and dirty bone coal</i>	
		(9)	<i>Pyrite & Charcoal 1/4"</i>	
		(8)	<i>Pyrite & Charcoal 1/4"</i>	
		(7)	<i>Pyrite Streak 1/16"</i>	
		(6)	<i>Charcoal parting 1/2"</i>	
		(4) & (5)	<i>Pyrite streaks "Steel Band"</i>	
		3	<i>3/4" hard blue clay</i>	
		(2)	<i>Pyrite streak</i>	
		(1)	<i>Hard gray fire clay</i>	
			(Note character and thickness of floor)	
			Total thickness of coal	
			Condition,	Time, hr. min.
			Wt. Gross, lbs.	Net, lbs.
			What Nos. shipped by Co.?	
			Excluded from sample: No.	
			Sample represents	in. tons.
			Impurities? How do they occur?	
(1 division = 3 in.)				

Sample No. *9* Can No. *R-9* Lab. No. _____
 Collector, *H. M. ...* Coal: Survey No. 6
 Mine, *Mt Olive 3rd Staunton* Co. *Madison* Index No. _____
 R. COAL SAMPLE SHEET.



Mt. Olive and Staunton.
Columns No. 8 & 9.

The No. 2 mine of the Mt. Olive and Staunton Coal Co is located about two mile south and slightly east of the town of Staunton and near the villiage of Livingston. The mine is served by the Bitchfield and Madison Railroad which rons along the section line between sections 3 and 10. The mine is located at the very north west corner of section 10.

In this mine Column 8 was taken at a point 7200 feet east and 3800 feet south of the shaft at the corner od a room and a cross-cut. The working was new and the corner was especially new as the cross-cut was then being driven to connect with the adjacent room and the conveyor was still there as it had just cleaned up a fall of coal. This was the first column in which we encountered difficulty on account of the coal being under strain and which caused the corner to rash and spall off as soon as the column took shape and cutting started behing it. As an experime an electric coal drill was used to cut in on the two sides instead of the usual picking, thinking that the less the vibration the better and beadies the partitiong between the holes would lend some support and yet be a plane of weakness so that when shearing took place the adjustment would take place along that zone. The scheme worked to some extent and made it possible for us to secure a column which would otherwise no doubt



have been impossible. The limestone was down directly on the coal, there being only about two inches of soft clod that was easily removed after the coal had fallen. Quite often this clod fell with the coal. However the clod was tough and hard enough when fresh so that it was very difficult to remove over the column so that some of the coal at the top of the column had to ~~have been~~ removed to loosen the column. The fire clay was hard as it usually is when fresh.

Column No. 9 was obtained at a point 6800 feet east and 5400 feet south of the shaft, which was as far from the other column as possible on account of not working the other side of the mine since conveyors were introduced, permitting a greater tonnage to be obtained from a more restricted working with greater efficiency. The limestone rested directly on the coal at this point with no clod whatever between. The coal here also showed the same tendency to be under considerable strain and an electric coal drill was used to drill a vertical row of holes on the two remaining sides of the column to free it from the solid and to provide a zone of weakness for the readjustment to take place. This coal here is fairly clean as far as facings and crack fillings are concerned but there was considerable pyrite along bedding planes that no doubt was to a great extent secondary in origin.



The officials of the mine are:

T. T. Brewster, Pres and Genl. Mgr.

Sam McGurk, Supt.

Dan Chatman, Mine Mgr,

Sidney Smith, one of the Face Bosses.

The mine screens



COAL MINE NOTES.

0210

0376

COUNTY *Madison* TOWN *Williamson* MAP No. *S. 10 NW cor NW 1/4*

T. *C N* R. *6 W*

OPERATOR *Mt. Olive & Stanton Coal Co.,*

OFFICE *St. Louis*

MINE # *2*

TIPPLE *Wooden*

ENGINES *Pair Fitchfield, first motion 24x36.*

BOILERS *4 John O'Brien tubular 150 horse power*

DRUM *Cast iron 8' diam.*

SHAFT *Double compartment. 325' CAGE Duncan self dump*

HAULAGE *2, ten ton Goodman electric motors, trolley; mules to face*

CARS *Wooden 2 1/2 ton* *voltage 250*

VENTILATION *Duncan reversible fan 22' diam blades 96" x 48"*
6 splits, no brattice work.

DRAINAGE *No water in workings.*

SPRINKLING *About every 3rd day, using about 900 gals water in entrance*

WORKING SYSTEM *Room & pillar*

MINING METHODS *9 Goodman electric chain; 2 Jeffries*

USED IN COOP. REPT. 1912.

SIZE OF ENTRIES—MAIN 22 CROSS 22 ROOM 35x300 NECK

SIZE OF PILLARS—MAIN 60 CROSS 40-50 ROOM 30

SHAFT CHAIN BARRIER

AMOUNT OF TIMBERING 100 props to 2500 tons SIZE 8'

PROPORTION OF COAL UTILIZED about 60%

AMOUNT AND CHARACTER OF WASTE Pillars left remaining.

ACREAGE OF COAL MINED

ACREAGE OF COAL REMAINING

PROPORTION OF MINE RUN AND SCREENED COAL

METHOD OF SIZING *Shaker 2*

RESCREENED

SIZES 6" 4" 2" 1"

none

PER CENT 50 20

PROPORTION AND SIZE OF WASHED COAL

DAILY OUTPUT *2900 tons*

UTILIZATION

MARKETS *St Louis & Alton.*COUNTY NO. *112*

FREIGHT RATES

SELLING PRICES AT MINE

COAL LAND OWNED LEASED HELD IN FEE

COST OF LAND OWNED LEASED HELD IN FEE

ADDITIONAL NOTES

for under July 11 1909

0376

0210



COAL MINE NOTES.
CONTINUED.

OPERATOR *Mt. Olive Staunton Coal Co* MINE *2* *05410
 ENTRANCE *Shaft 325'* NAME OF COAL BED # *6* 0210
 ELEVATION *608.9 (P.S. McClure)* THICKNESS OF COAL
 DEPTH TO FLOOR *325* MAX. *80"* MIN. *87"* AV. *(48) 87*
 ALTITUDE OF COAL
 LOCATION OF SECTION

USED IN COAL REPORTS

No.	SECTION.	In.
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
Tape		Total

SAMPLE No.
CAN No.
CONDITION
GROSS WEIGHT
TIME EXPOSED
NOT SHIPPED
NOT INCLUDED

SECTION	Feet

PHYSICAL PROPERTIES BY NUMBERS

ROOF *Ah 5'-30' Then ls 18'*
 FLOOR *Fire clay 6"-20" bastard rls 7'*
 DIP

FAULTS, ETC. *Some small faults with 36" displacement. Roof rolls cutting coal down to 48"*
 GAS *Some in pockets near roof.*

COLLECTOR *Jon Udden*

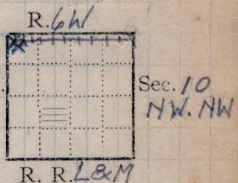
REFERENCE

COUNTY NO. *112* 0210 *05410
 DATE *July 11 1909*



COAL MINING INVESTIGATIONS
COOPERATIVE AGREEMENT

Mine Name or No., 2
 mile from At Williamson
 Operator, 1912 Mt. Olive & Staunton Coal Co 6NT.
 Operator, 191



Entrance, shaft Elev., 3' ft. { above, Primary B.M. Sta. 72. Williamson
 Depth to bottom coal, 300' ft. { below, Alt.

SURFACE DATA.

- A. Topography Flat. See
 B. Surficial materials, (1) Character See
 (2) Thickness, 125' (3) Effect on mining and shaft-sinking, of former drainage lines, underground water strata, etc.

Yellow sandy clay containing a few small boulders.
Blue clay.
Struck quick sand at 100' from surface, 3 1/2' - 7' thick.
Quick sand is in pockets. It gave no serious trouble.
Logs were also report in quick sand.

- C. Outcrops, (1) Character, See
 (2) Structure, See
 (3) Fossil horizons See
 Collection No.,
 (4) Evidences of subsidence, See
 D. Note collection of mine maps, drill records and shaft logs.

See drill record sheet.

E. Notes on surrounding area,
A vein of clay about 1 foot wide was encountered in Mines #1 & #6. The filling was a black muck, which was full of water when first encountered. When first struck in Mine #6, it flooded the mine.

Crack is only suppose to extend thru 1st Limestone See

Coal bed name: Local, 6 Survey
 Collector, Kowhite State No. 0210
 Mine, 2. Co. Madison Co-op. No. 73



UNDERGROUND DATA (cont'd.)

- K. (5) Physical character of coal in benches,
- Relative hardness, *Top + Bottom coal hard, middle coal softer*
 - Lustre, *Top bright, Middle dull*
 - Fracture, *Jemic*
 - Texture, See #2 + #3
- (6) Impurities in coal, other than bedded,
- Kind,
 - Position and persistence,
 - Rejected, Ease of separation,
See #2 + #3
- L. Floor: (1) Material *Fire Clay.*
- Thickness *2" to 18"*
 - Variation *Fire Clay uniform same as generally found in district.*
 - Note character, condition, tendency to heave, relation to undercutting commercial value.

Clay heaves slightly, Bastard Ls below. Ls very hard when fresh, sticks on contact with air.

Mine very dry.

See

(5) Clay sample No. Location,

M. Stratigraphy

- Fossiliferous horizons underground,

Collection No. Location,

N. Notes on effect of deep drilling in coal mine areas.

See

Collector, *KDW*

Coal *6*



State No. **0210**

Mine, *Z, Williamson*

Co. *Madison*

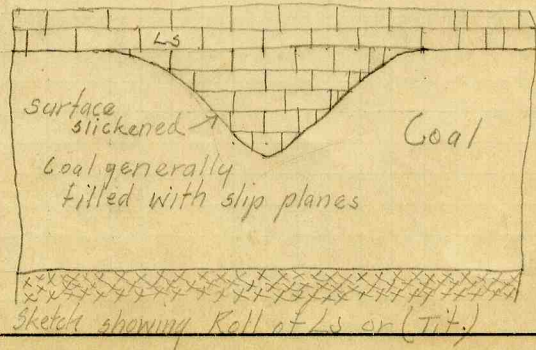
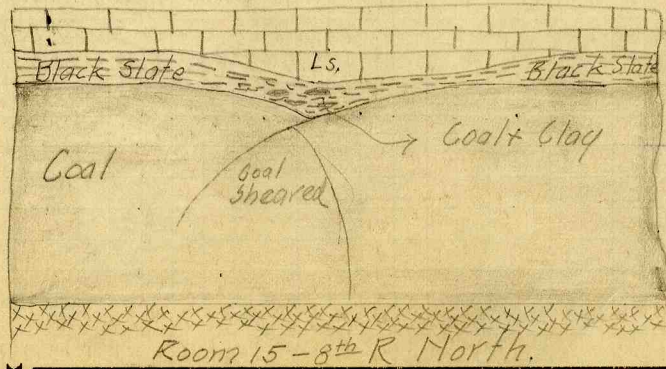
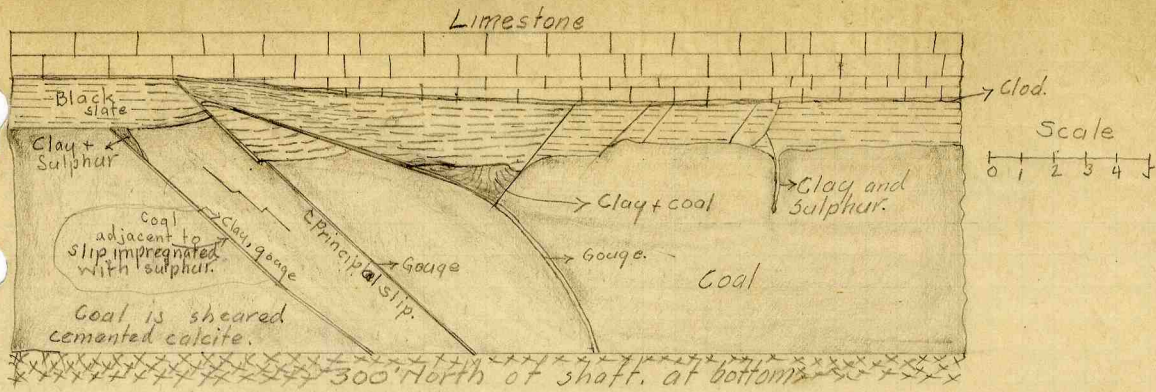
Co-op. No. *73*

N.—UNDERGROUND SHEET (Geol.)



INDEX

K3



Collector *Kohlhite* State No. **0210**

Mine *2* Co-op No. *73*

Coal *6*

Co. *Madison*

X-EXTRA SHEET No. 1



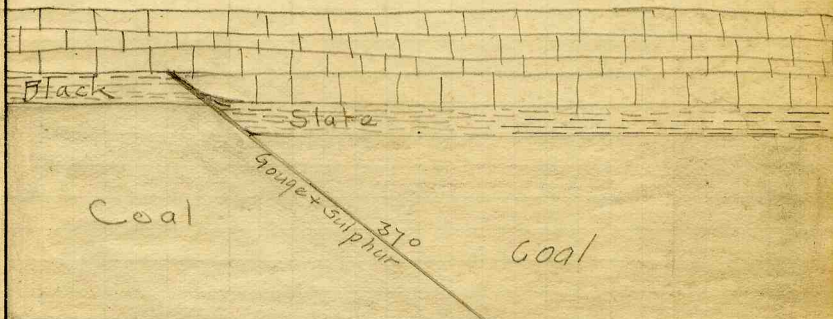
INDEX

H Ls. a very hard, dense, dark gray, fine grained, with calcite in small facets. Contact with either black slate is very irregular. Lower part a shell or (foot-lift), 2" to 5" thick falls on contact with air, after any length of time. The lower face of the Ls. after being exposed to air becomes covered with small crystals of calcite.

Rooms are driven on face cleat, entries on butt.

J Clod is a carbonaceous limey shale.

G Black slate stays up only a short time after air strikes it and finally comes down to the limestone.



Room 15 - 8 R. North.
 Black Slate full of slips.
 Ls. Roof solid, slip does not extend into roof.

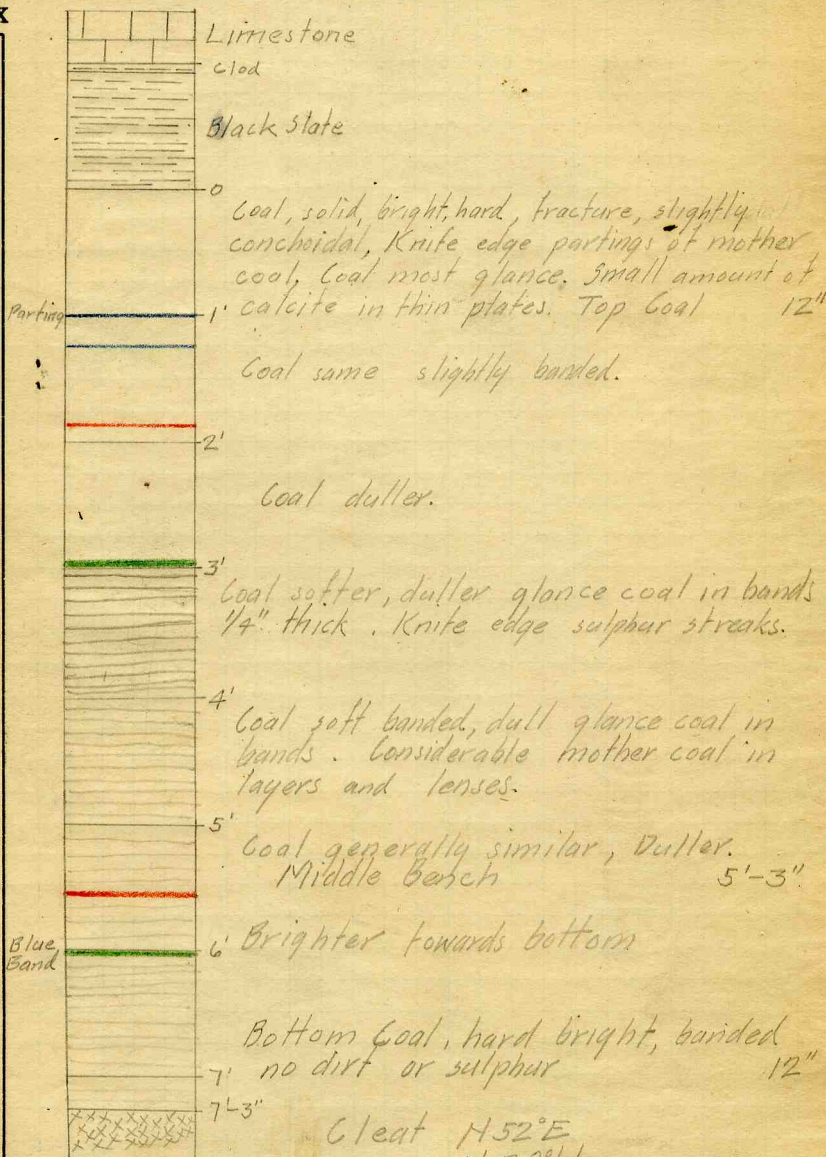
Collector *KD White*
 Mine *Z. Williamson*
X.—EXTRA SHEET No.

Coal *6*
 Co. *Madison*

State No. **0210**
 Co-op No. *73*



INDEX



Room 15 - 7th, R, North

Collector KDW

Coal 6

State No. 0210

Mine #2 Williamson

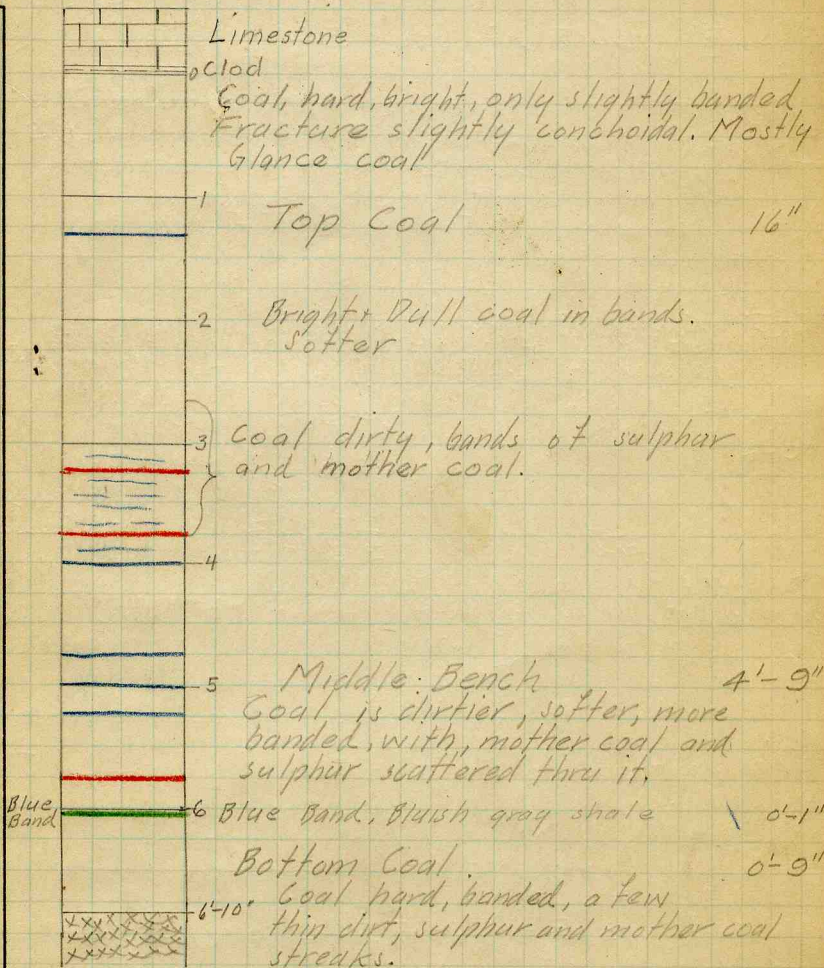
Co. Madison

Co-op No. 73

X.—EXTRA SHEET No. 2



INDEX



Little or no calcite

Cleat N26°W
N62°E

Cross Cut, 7th + 8th 1/4, Entries.
Opposite Room 20

Collector *KDW*

Mine #2

X.—EXTRA SHEET No. 3

Coal 6

Co. Madison

State No. 0210

Co-op No. 73



COAL MINING INVESTIGATION

COOPERATIVE AGREEMENT

Operator, *McOuire & Staunton Coal Co.* Date, *7-10* 191*2*

Mine, *#2* Located - miles* - from *Williamson*

Location in mine, *Entry face Main Shaft (390 ft. Shaft)*

Total (vertical) depth ~~from surface at point of sampling,~~ *300 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	Coal, Bright	1	1
X 2	Sulphur streak		1/4
3	Coal, Bright	1	8
X 4	Sulphur streak		1
5	Coal, Bright		8
X 6	Mother coal		3/4
7	Coal, Bright	2	4
X 8	Blue Band		3/4
9	Coal, Bright		11
10			
11			
12			
13			
14			
15	Roof - Limestone over slate		
16	Floor - Fire Clay		
17	3700 T Output		
	TOTAL,	6	10 ³ / ₄

55

Is coal wet or dry? *Dry*
 Time exposed, *1* hours, *5* minutes.
 Weight, *42* gross, net.

What are the impurities, and how do they occur? *Sulphur streaks*

What are shipped? *Mother coal - Blue Bands*

What are excluded from the sample? ~~2-4-6~~ *1-3-5-7-9*

Coal bed, *6*

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

Town, *Williamson* Mine, *#2* Co., *McOuire & Staunton*
 Sample No. *77C* Can No. *St. D 46* No. *1*

I.—COAL SAMPLE SHEET. Sampler, *McDonnell - Shaft*

#5075

0210



COAL MINING INVESTIGATION

COOPERATIVE AGREEMENT

Operator *Mt. Oliver Staunton Coal Co.* Date, *7-10* 191*2*
 Mine, *#2* Located *-* miles* *-* from *Williamson*
 Location in mine, *#52 Room 2nd left off S. (3000' from shaft)*
 Total (vertical) depth from surface at point of sampling, *300* ft.

In describing the beds and character of the members, *not* 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	Coal, Bright	2	7 1/2
X 2	Sulphur streak		1/2
3	Coal Dull		10
X 4	Sulphur streak		1/4
5	Coal (streaked with mother)	1	8
X 6	Sulphur streak		1/4
7	Coal, Bright		4
X 8	Blue Band		1
9	Coal, Bright		8
10			
11			
12			
13			
14			
15	Output 3700 T		
16	Roof - Limestone over slate		
17	Floor - Fire clay		
	TOTAL,	6	3 1/2

53

75 1/2
73 1/2

Is coal wet or dry? *Dry*
 Time exposed, *-* hours, *40* minutes.
 Weight, *40* gross, *-* net.
 What are the impurities, and how do they occur? *Sulphur Streaks*
Blue Bands
 What are shipped? *1-3-5-7-9*
 What are excluded from the sample? *2-4-6-8*

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

Town, *Williamson* Mine, *#2* Co. *Mt. Olive Staunton Coal Co.*
 Sample No. *73 B* Can No. *ISG 39* No. *0210*

I.—COAL SAMPLE SHEET. Sampler.

① #5076



COAL MINING INVESTIGATION

COOPERATIVE AGREEMENT

Operator, *Mt. Oliver + Staunton Co. Inc.* Date, *7-10* 191*2*
 Mine, # *2* Located *—* miles* *—* from *Williamson*
 Location in mine, *Entry face Main N. (3500' from Shaft)*
 Total (vertical) depth from surface at point of sampling, *300* 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	Coal, Bright	1	4 1/4
X 2	Sulphur streak		1/4
3	Coal, Bright		7 1/2
X 4	Sulphur streak		1/4
5	Coal Bright	3	11 1/2
X 6	Sulphur streak		1/4
7	Coal Bright Dull		4 1/4
X 8	Blue Band		3/4
9	Coal Bright	1	
10			
11			
12			
13			
14	Output - 3700 T		
15	Roof - Black Slate		
16	under Bimestone		
17	Floor - Fine Clay	7	4 1/2
	TOTAL,		

88 1/2
86
52

Is coal wet or dry? *Dry*
 Time exposed, *—* hours, *35* minutes.
 Weight, *38* gross, *—* net.

What are the impurities, and how do they occur? *Blue Band*
Mother Coal Sulphur streaks
 What are shipped? *1-3-5-7-9*
 What are excluded from the sample? *2-4-6-8*

#5078 Coal bed, *#6*
 *Direction (N., NE., etc.), *—* †Nearest railway station, *—*

Town, *Williamson* Mine, *2* Co., *Mt. Oliver + Staunton*
 Sample No. *73* Can No. *ST. 8* No. *73*
 I.—COAL SAMPLE SHEET. Sampler, *Ward + Stafford*

0210

(12) Madison



Symbol Description Inches

USBM Bull 22, p 498

STAUNTON No. 2 MINE.

Sample.—Bituminous coal; Illinois field; (Illinois No. 9) analyses Nos. 1625, 1626 (p. 85).

Mine.—No. 2; a shaft mine near Staunton, on the Litchfield & Madison Railroad.

Coal bed.—Herrin coal (Belleville, No. 6) of the United States Geological Survey. Carboniferous age, Carbondale formation. The bed contains streaks of shale and sulphur. In places the roof is sandstone and in places there is hard clay beneath the sandstone. The floor is a hard fire clay.

Two samples were collected by J. S. Burrows on May 12, 1905, at point where measurements showed the following sections:

Sections of coal bed in No. 2 mine near Staunton.

Section	A 1625 Fl. in.	B 1626 Fl. in.
Roof: section A, sandstone; section B, sandstone and clay.		
Coal	0 11	1 12
Fire clay, carboniferous	0 1/4	..
Sulphur
Coal	1 9	1 8
Sulphur	0 1/4	..
Coal	0 6 1/2	2 10 1/2
Brash
Sulphur	0 1/4	..
Coal	0 11	..
Sulphur	0 1/4	..
Coal	1 5	0 3
Sulphur	0 1/4	..
Shale binder
Coal	0 5	0 10 1/2
Shale binder	0 1 1/2	..
Coal	0 9	..
Floor, fire clay.		
Thickness of bed	6 11 1/2	6 11 1/2
Thickness of coal sampled	6 9 8	6 10 1/2

a Not included in sample.

Section A (sample 1625) was measured in room 11, off north entry 1.

Section B (sample 1626) was measured in the face of the main air course.

For results of tests of this coal see mention of specific tests as follows—steaming tests: U. S. Geol. Survey Bull. 290, p. 63; Bull. 332, p. 81; Bureau of Mines Bull. 23, pp. 59, 149; producer-gas tests: U. S. Geol. Survey Bull. 290, p. 65; Bureau of Mines Bull. 13, pp. 111, 115, 272; briquetting tests: U. S. Geol. Survey Bull. 332, p. 82; washing tests: U. S. Geol. Survey Bull. 290, p. 66; Bull. 336, p. 12.

For chemical analyses see part I of this bulletin, p. 85; also U. S. Geol. Survey Bull. 290, p. 63; Bull. 332, p. 81.

(Scale: 1 division = 3 inches).

Sample No. _____ Can No. _____ Lab. No. _____
 Collector, _____ Coal: Survey No. 6
 Mine, #2 Co. Madison Index No. 0210.09
 Q.—COAL SECTION SHEET.



Madison County

COUNTY NO. 112 6N 6W 0210 H8

Mt. Olive & Staunton Coal Co. #2

Notes by Jon Udden - 1909

Roof: sh 5'-30', then ls 18'

Faults, etc.: "Some small faults with 36" displacement. Roof rolls, cutting coal down to 48".

Notes by K. D. White

Cap Rock - limestone

Immediate roof - bl. sl. & ls.

Notes: Apparently many small slips & rolls (per K. D. White). "Roof lead". "Bl sl.", upon exposure to air, comes down, leaving ls roof.

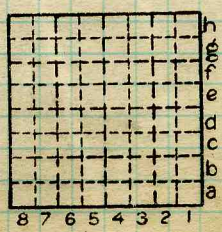


RT back main N ^{20" in} by ^{27th} RT N
 ^

Ls,	
clod -	1"
Bk sl	22"
Coal	76"
BB	1"
coal	9"

Upper part gray sh slts, Bk sl
 about hold partly from, because
 extremely weak clod. Bk slate
 badly slipped & is highly fractured.
 coal rocky!

By Payne f. Spotti Date 6/2/41
 Quad Mt. De Staunton Part No. 2
 County Madison



Sec.
 T. N.
 S. S.
 E. E.
 R. W.
 Index No.



11 th R., Main S

18" lt. gray sh, structureless,

16" bl. sh., massive, lt. streaks

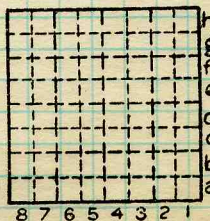
6" bl. sl., sheety, hard.

Consolidated #9

By Spatto & Payne Date 6/3/41

Quad. Part.

County Macoupin



Sec. N.
T. S.

R. E.
W.
Index No.