

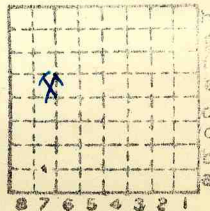


Form 180

UNION Fuel, #4
Wabash (C.)

Co. No. 8

Index 34



Sec. 36

T. 18 N.

R. 6 W.

Index No.

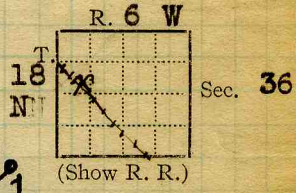


Town, **Athens**
Local Authority,
Level: Auth., **Mine notes**
Method,

Surface alt., **605** ft.
Depth to coal, **203** ft.
Alt. top coal, **402** ft.
Thickness: Av. **72** in.
Max. in., Min. in.

R. R., **C+NW ; C.P. & L.**

Location: authority, **Tallula-springfield.**
Mine notes



Operator _____ Mine Name or No. _____

19 **Athens Coal Co** *→ Incorrect - see 1-1924-6 W & Mc Bee. also mine - see also map S.O., 1924* No 2

Successor to **Wabash Coal Co.** No. ? #1

Date _____
Succeeded by **Union Fuel Co.** *B.F. Blair, Receiver. No. 4*
Date **26/8/28**
Succeeded by **Natl Carb & Glass Chicago.** *see press clipp. 23-31*
Date **10/1/29**
~~**McBee Coal Co**~~ *see map in files 23-31*
Athens.

see McBee file

PRODUCTION.

Year	Production	U. S. No.
1917	155 878	✓
1925-26	Idle (Lept. of Miner)	
1927	0	
1928	Idle	

Geol. Notes? **Yes** Coop. No. _____ Coal secs.? **Yes**
Analyses No. **4383, 4384, 5190-91-92**

Examined by _____ Ref. _____

Coal bed name: Local **SHIPPING MINE** Survey No. _____
County **Menard** Index No. **0736.25**

K. ~~ATLANTA~~ SHIPPING OR LOCAL COAL MINE. **Idle since 1923**



Location and Elevation Data

Location: Exact ~~Approximate~~

(Approximate only if no trace or record of original exists)

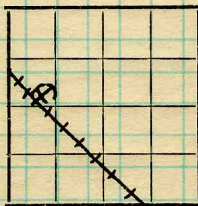
Location by W. B. Roe
Date 4-29-31 Notebook No. 602 Page 23-198

Looseleaf ref. _____
Map files No. 12-83-136

Description of location

Position in sec., 1/4 sec., 40 acres

_____ feet from North line
_____ feet from East line
_____ feet from South line
_____ feet from West line



Sec. 36
T. 18 N.
R. 6 W.

Other description: MN 1912
Farm No. _____
Company Union Fuel Co
No. 4
County No. 8 ✓

Elevation 613.5 ft.

By W. B. Roe.

Method: Level, transit, alidade, hand level

Elevation of Alidade
Coring
Height of point above ground 0

Date 4-29-31 Notebook 602 P 23-198

Looseleaf ref. _____

Map files No. 12-83-136

Description of item: (drill hole, mine, etc.) Mine shaft
SHIPPING MINE (all)

County Marion Quadrangle Springfield Index No. 0736
(45576-1M-10-30)

OK. data from Luc 5307 KC



8441

John C. Moore Corporation, Rochester, N. Y. Binder and holes in leaves, each Patented 1906.
(5529-500)



Mine Name or No. 2 Mine Address Athens Coal Co

Operator E. J. B. Co

Main Office Address 713 Rival Bldg Springfield
Illinois

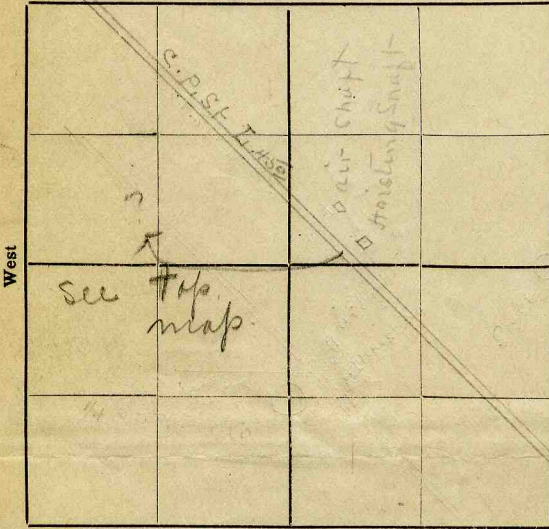
Location of Mine: about 80 ft from C. P. R. R.

Township Name no organization County Menard

Section No. 25 26 34 Township T. W. P. 18 N Range 6 N 3rd P. M ^E _W

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

North



Kindly state number of feet from quarter section lines:

1210' from N. line

310' from E. line

180' from S. line

1000' from W. line

Idle entire year 19 18 ^{Yes} _{No}

Abandoned (date) 19.....

South

SHIPPING MINE

Surface landing is 2000' feet above sea level or about 4' feet (above)

(below) railroad station at Athens (nearest town).

Depth to top of coal is 200' feet.

Average thickness of coal is 6' feet..... inches.

Do not fill in below this line.

Coal Bed Name.....

Survey No.....

County Menard.....

Index No. 0736.....

ILLINOIS COAL MINE NOTES

TOWN *Athens* T. 18 R. 6 S. 36 SE cor. SE 1/4 NW 1/4 *Menard* CO.
 COAL BED DATE COLLECTOR **0736 *1136***
 OPERATOR *Wabash Coal Company* MINE *Athens # 2*
 HEAD OFFICE *Luncy, Illinois*
 CAPACITY MARKETS, FRT.

ENTRANCE *Shaft 200'*
 CAGE

ENGINES
 DRUM

SCREENS

STORAGE

VENTILATION

GAS, SOURCE

COAL THICKNESS, AV. MAX. MIN. ELE. FT.

SECTION LOCATED

No.	In.	No.	In.
1		7	
2		8	
3		9	
4		10	
5		11	
6			

TAPE

NOT SHIPPED NOT INCLUDED CAN SAMPLE

PHYSICAL PROPERTIES BY NOS.

ROOF FLOOR
 DIP CLEAT

FAULTS, ETC.

MACHINES

HAULAGE

CARS

DRAINAGE

WORKING SYSTEM

ENTRIES, MAIN CROSS ROOMS

PILLARS, MAIN CROSS ROOM

DRAWN TIMBERS

Note also: Variation in coal, impurities, roof, structure.

Collect records, analyses, fossils. Note land values, etc.

Correspondence

0736
1136



COAL MINING INVESTIGATIONS
COOPERATIVE AGREEMENT

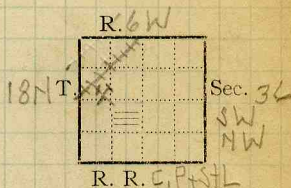
Mine Name or No., 1

$\frac{1}{4}$ mile W from Athens.
Operator, 1912 Wabash Coal Co.

Operator, 191

Entrance, Shaft Elev., 5 ft. above, Station at Athens
Depth to bottom coal, 208 ft. below, Alt.

SURFACE DATA.



A. Topography See

B. Surficial materials, (1) Character

Drift: Boulders mostly small.

(2) Thickness, 50' (3) Effect on mining and shaft-sinking, of former drainage lines, underground water strata, etc.

No trouble with quick sand.

12' from surface, encountered old land surface, logs, leaves etc. about 3' thick.

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,

Dump fires.

See

Coal bed name: Local, 5

Collector, K D White

Mine, #1 Athens

L.—SURFACE SHEET (Geol.)

Survey 5

State No. 0736

Co-op. No. 34

Co. Menard



UNDERGROUND DATA (cont'd.)

K. (5) Physical character of coal in benches,

(a) Relative hardness, *Hard*(b) Lustre, *Bright*(c) Fracture, *hackly.*(d) Texture, *banded*

See 4

(6) Impurities in coal. other than bedded,

(a) Kind,

(b) Position and persistence,

None

(c) Rejected,

Ease of separation,

See

L. Floor: (1) Material *Fire Clay.*(2) Thickness *14'4"*(3) Variation. *Constant.*

(4) Note character, condition, tendency to heave, relation to undercutting. commercial value.

Upper 7' reported fairly soft, lower hard with a good many boulders. Clay the ordinary clay, contains considerable number of boulders. Hearns especially the upper 18".

See

(5) Clay sample No.

Location,

M. Stratigraphy

(1) Fossiliferous horizons underground,

Collection No.

Location,

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

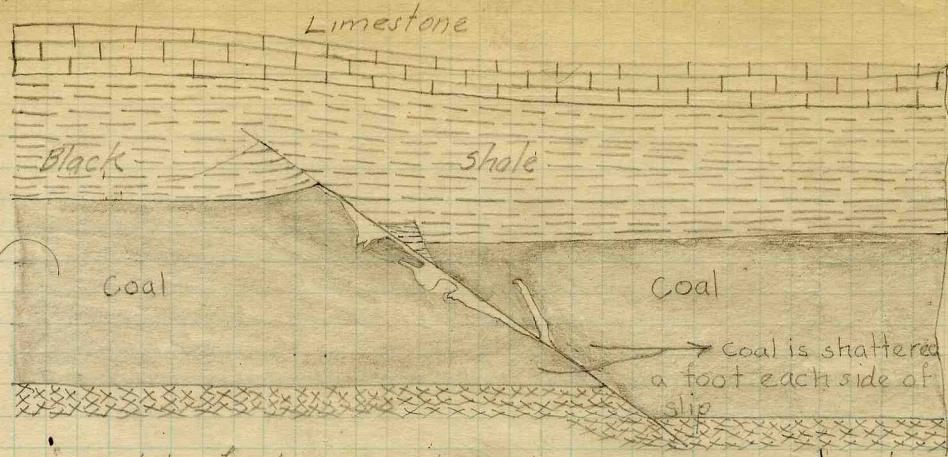
See

Collector, *KOW*Coal *5*State No. *0736*Mine, *7. Athens*Co. *Menard*Co-op. No. *34*



INDEX

K3



sketch of day vein along slip.
 11th North off Main West 3/4 miles from shaft.
 Bearing E-W

Collector KOW
 Mine #1 Athens
 X-EXTRA SHEET No. 2

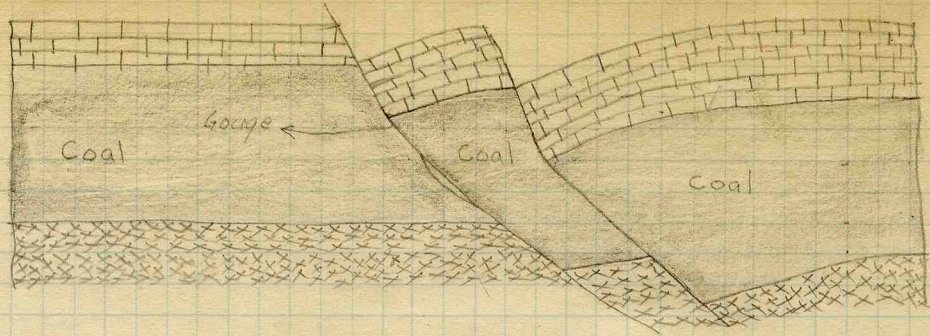
Coal 5
 Co. Menard

State No. 0736
 Co-op No. 34



INDEX

K3



Small Step fault North side of East entry
 1/4 mile from shaft.
 Bearing $N 65^{\circ} E$

Note.

Coal is shattered slightly on each side of plane.
 Movement plane is not sharp.
 Limestone roof is bent down slightly towards
 fault. very little clay along plane

Collector *KDW*
 Mine #1 *Athens*
 X.—EXTRA SHEET No. 3

Coal 5

Co. *Mayard*

State No.

0736

Co-op No. 34



INDEX

K5

section Room 2 - off North off East side.

1. Roof limestone.
2. Carbonaceous, limy shale 1"
3. Coal, bright, hard, tough, slightly banded. Glance coal in thick bands. Little or no calcite. Cleat very poorly developed. Center of bed contains a few sulphur lenses parallel to the bedding. Bottom 4" of coal inclined to be boned.
4. Floor fire clay.

A couple of sulphur streaks 6" wide and 1' foot apart occur in the centre of the bed, weathering into small pieces mixed with ferrous sulphate.

Serpentine above cap rock a grayish black collar, dies out white, when the cap rock breaks it continues to fall until it arches itself. The shale is filled with ironstone balls. The shale is reported to have caved 35' high without getting thru.

H

Cap rock a very carbonaceous Ls, generally occurs between soapstone and black slate, about 5' thick. Where ever present under normal conditions forms a good roof.

Occasionally the limestone is in contact with the coal. This contact is not sharp, the limestone generally having coal stringers in the lower 2". The cap rock occasionally cuts down thru the black slate into the coal as a roll. The under, it is generally crushed. The gray shale is in contact at times with the black slate, and the cap rock represented by a band of boulders.

Collector KDW

Coal 5

State No. 0736

Mine #1 Athens

Co. Menard

Co-op No. 34

X.—EXTRA SHEET No. 4



INDEX

I

Black slate, shaly and hard to massive, nearly a black shale. When it becomes shaly it is reported to be usually accompanied by water. It usually cuts out to the cap rock sooner or later.

When the cap rock is good and strong the slate is reported weak and shaly.

K3

Clay vein some 2' wide.

Filling a clay with small masses of coal scattered thru it. Small pieces have some appearance as bed, and are very little shattered. Faces of piece vary sharp. No displacement occurs in the roof but vein extends into limestone, making cavity some 1' or 1 1/2 feet across, both sides being at the same level. A displacement of 18" occurs in the floor. The bottom of the vein shows a slight upward pressure.

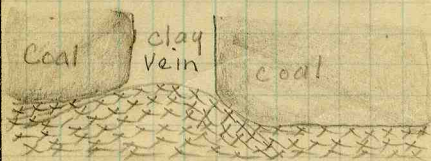
K3

When two clay vein cross each continues in its direction little effected by the other.

At the junction the vein is thicker. The coal adjacent to it is very hard brittle and bright. The vein filling is a crystalline limestone.

K3

The appearance of some of the veins is that the filling which is about 1" wide, has been pushed up somewhat by the floor, causing the bottom to roll and the sides to ride up along the fire clay.



Collector K.D.W.

Coal 5

State No. 0736

Mine #1 Athens

Co. Menard

Co-op No. 34

X.—EXTRA SHEET No. 5



COAL MINING INVESTIGATION

COOPERATIVE AGREEMENT

Operator, *Wabash Coal Co* Date, *7-24* 191*2*
 Mine, *#2* Located *1 1/2* miles *N* from *† Athens*.
 Location in mine, *19th St. Main W. (Entryface)* 5800
 Total (vertical) depth from surface at point of sampling, *195* ft from *surface*

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		4
2	Mother Coal		1/2
3	Coal, Bright		6 1/4
4	Mother Coal		
5	Coal, Bright	4	11
6			
7			
8			
9			
10			
11			
12			
13			
14	Output 550 T		
15	Roof - Slate		
16	Floor - Fire clay		
17			
TOTAL,		5	9 3/4

147 3/4
69 1/4

Is coal wet or dry? *Dry*
 Time exposed, *38* hours, *45* minutes.
 Weight, *38* gross, net.

What are the impurities, and how do they occur? *Mother coal*
str cakes

What are shipped? *All*
 What are excluded from the sample? *None*

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

Town, *Athens* Mine, *#2* Co. *Wabash Coal Co.*
 Sample No. *34B* Can No. *18. G. 38* No. *34* **0736**

I.—COAL SAMPLE SHEET. Sampler. *MRD - Stafford*
5190



COAL MINING INVESTIGATION

COOPERATIVE AGREEMENT

Operator, *Wabash Coal Co.* Date, *7-29-1912*
 Mine, *#2* Located *N* miles* from † *Athens*
 Location in mine, *Entry from E Stab*
 Total (vertical) depth from surface at point of sampling, *200 ft. (500' from)*

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	<i>Coal, Bright</i>	<i>3</i>	<i>8</i>
X 2	<i>Sulphur Streak</i>		<i>1/4</i>
3	<i>Coal, Bright</i>	<i>1</i>	<i>5</i>
4			
5			
6	148		
7			
8			
9			
10	147		
11			
12			
13			
14			
15			
16			
17			
TOTAL,		<i>5</i>	<i>1 1/4</i>

Is coal wet or dry? *Dry*
 Time exposed, *45* hours, *45* minutes.
 Weight, *30* gross, net.
 What are the impurities, and how do they occur? *Sulphur Streak*

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

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

Town, *Athens* Mine, *#2* Coal bed, *F 5*
 Sample No. *39C* Can No. *St. D 42* No. *34 0736*

I.—COAL SAMPLE SHEET. Sampler, *J. M. P. Stafford*
#5191



COAL MINING INVESTIGATION

COOPERATIVE AGREEMENT

Operator, *Wabash Coal Co.* Date, *7-24* 191 *2*
 Mine, *#2* Located $\frac{1}{2}$ miles* *N* from † *Athens*
 Location in mine, *#1 Room free 11th N. of Main W. (Used)*
 Total (vertical) depth from surface at point of sampling, *200* ft *from shaft*

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	2	$\frac{1}{4}$
X 2	Sulphury		
3	Coal, Bright	3	3
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15	Output 550 T		
16	Roof - Black Slate		
17	Floor - Fine Clay		
	TOTAL,	5	$10\frac{1}{4}$

146

Is coal wet or dry? *DRY*
 Time exposed, *35* hours, *40* minutes.
 Weight, *35* gross, net.

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

What are shipped? *1-3*

What are excluded from the sample? *2*

Coal bed, *#3*

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

Town, *Athens* Mine, *#2* Co. *Wabash Coal Co.*
 Sample No. *34A* Can No. *186.30* No. *34 0736*

I.—COAL SAMPLE SHEET. Sampler, *Medford - Stafford*
#5192