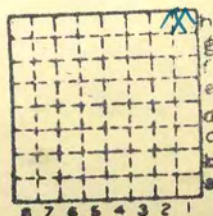


Union Fuel, 3

(Fabova CC)

mine index 441

10



Sec. 10
T. 13 N.
R. 6 W.
Index No.



Mine originally operated by: (1) **Auburn Coal Co.**
 Date **1883 1878.** **Auburn**

Original name or number:
 Illinois Coal Report p.

LATER OPERATORS

Date	Operator	Name or No.
2 1885	Auburn Coal & Tile Co.	
3 1900	Chicago-Auburn Coal Co.	
4 1906	Auburn & Alton Coal Co.	
5	Peabody Coal Co.	
6 1920	Union Fuel Co.	3
7	Peabody Fuel Co.	3
8		
9		
10		
11		
12		
13		
14		



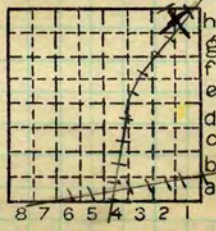
Map next page

* Also owners # See ownership sheet

Railroad, Wagon, Idle, Abandoned
SHIPPING MINE

IDENTIFICATION

County No. **10** Coal No. **6**
 Quad. **173** Part
 County **Sangamon**



Sec. **10**
 T. **13** N.
 R. **6** W.
 Index No.

2510

COAL MINE OPERATOR



Mine originally operated by: (1)

*Dennis Noonan.
Auburn.*

Date *1888*

Original name or number:

Illinois Coal Report

p.

LATER OPERATORS

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

* Also owners

See ownership sheet

Railroad, Wagon, Idle, Abandoned

IDENTIFICATION

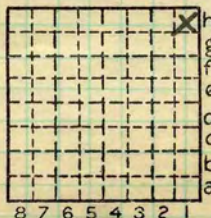
County No. *10*

Coal No.

Quad.

Part

County *Sangamon.*



Sec. *10*

T. *13* N. S.

R. E. W.

Index No.

COAL MINE OPERATOR

2510 H1



Location and Elevation Data

Location: Exact ~~Approximate~~
(Approximate only if no trace or record of original exists)

Location by W. B. Roe
Date 4-27-31 Notebook No. 602 Page 15-112
Looseleaf ref. _____
Map files No. 12-83-10d

Description of location

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

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



Sec. 10
T. 13 N.
R. 6 W.

Other description: MN 1912
1906
Farm _____
No. _____
Company UNION FUEL Co
Peabody Coal Co.
No. 3
County No. 10

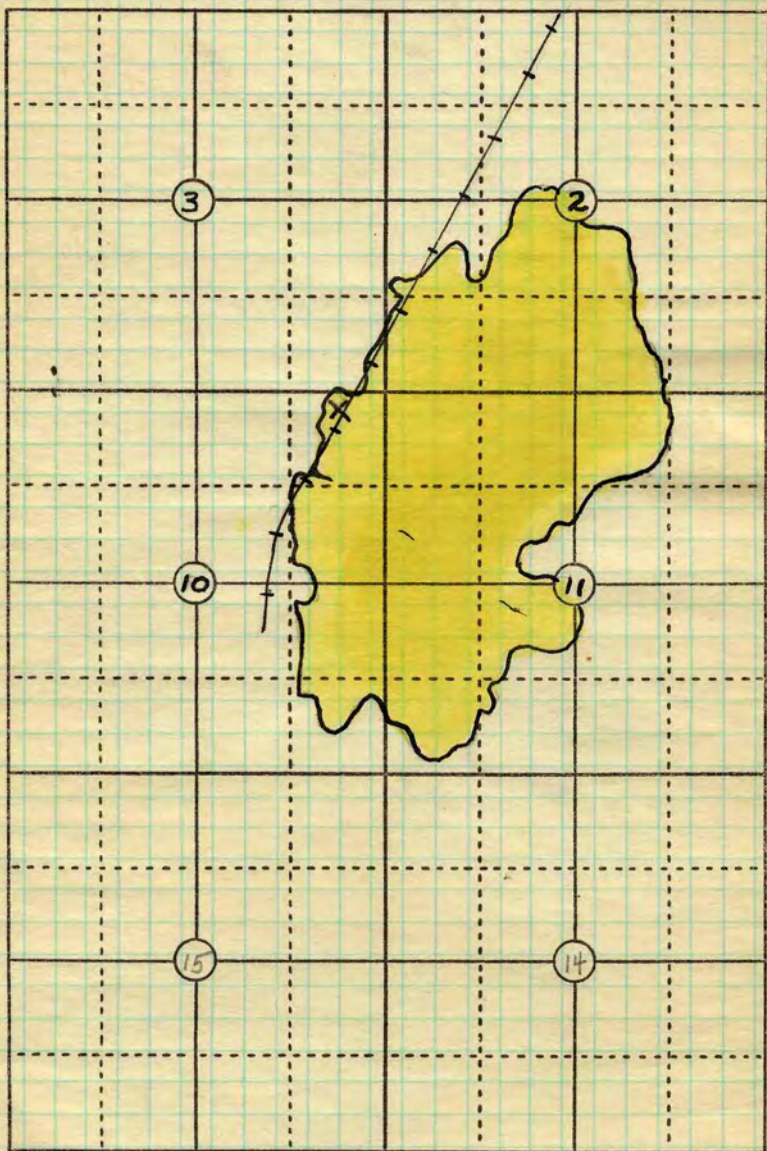
628" coal at 263'

Elevation 623.5 ft.
By W. B. Roe

Method: Level, transit, alidade, hand level
Alidade
Elevation of Rail
Height of point above ground 0
Date 4-27-31 Notebook 602 P. 15-112

Looseleaf ref. _____
Map files No. 12-83-10d
Description of item: (drill hole, mine, etc.) Mine shaft (abd)
263 To No 6 coal Mine notes **SHIPPING MINE**

County Juganow Diremon Index No. 2510HR
(45576-MI-10-30) 173



T13N R6W.

Map.

Date

4-16-'23

Operator

Name or No.

#10

Union Fuel Co

Anchor.

County

Sangamon.

Index No.

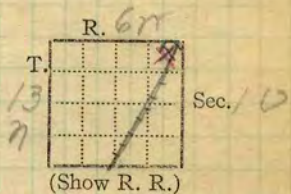
2510

Town, **Auburn**
 Local Authority,

Surface alt., **628 ± Est** ft.
 Depth to coal, **263** ft.
 Alt. top coal, **365** ft.
 Thickness: Av. **80** in.
 Max. in., Min. in.

Level: Auth.,
 Method,

R. R., **C&A.**



Location: authority,

Operator _____ Mine Name or No. _____

19 **Auburn & Alton Coal Co.**

Successor to
 Date

Succeeded by **Union Fuel Co. - See press** **No. 3**

Date **clipping Oct 10 '19. Also map 23-31**
 Succeeded by **Spangfield, Rich Olig., B.F. Bliss receiver Union Fuel Co**
 Date **8281st National Bank Bldg, Chicago No. 3**

PRODUCTION.

Merchants + Mfrs Fuel Co 110 So LaSalle		U. S. No.
1925-26	Sale (Kept. of Mines)	<input checked="" type="checkbox"/>
1927	- 0 -	
1928		

Geol. Notes? **yes** Coop. No. Coal secs.? **1**

Analyses No. **#29**

Examined by

GEN'L COAL REPT **26**
 Ref. **10**

Coal bed name: Local **SHIPPING MINE**
 County **Sangamon**

Survey No. **6**
 Index No. **2510988**

K.—ACTIVE SHIPPING OR LOCAL COAL MINE.

value success 1928



COAL MINE NOTES.

COUNTY *Sangamon* TOWN _____
 T. *13N* R. *6W*
 OPERATOR *Auburn & Alton Coal Co.*
 OFFICE *Auburn.*
 MINE *A & A*

MAP No. *2410a*
 S. *10* N E N E
 Bull *11*

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
- COAL LAND OWNED LEASED HELD IN FEE
- COST OF LAND OWNED LEASED HELD IN FEE
- ADDITIONAL NOTES

Sangamon 2510a

County #10



COAL MINE NOTES.
CONTINUED.

2410a

OPERATOR *Auburn & Alton Coal Co* MINE *A&A.*
ENTRANCE *Shaft.* NAME OF COAL BED # *6*

ELEVATION ~~870~~ *628* THICKNESS OF COAL

DEPTH TO FLOOR *270* MAX. MIN. AV. *6' 8"*

ALTITUDE OF COAL ~~600+~~

LOCATION OF SECTION *East cross cut, between 1st and 2nd south entries on east side.*

USED IN COOL.

No.	SECTION.	In.
1	<i>Coal</i>	<i>19</i>
2	<i>Slate</i>	<i>1</i>
3	<i>Coal</i>	<i>23</i>
4	<i>Sulphur</i>	<i>1/2</i>
5	<i>Coal</i>	<i>7</i>
6	<i>Black Jack</i>	<i>1/2</i>
7	<i>Coal</i>	<i>32</i>
8		
9		
10		
11		
12		
Tape		Total

SAMPLE No. *0-5'*

CAN No. *5" to 8'*

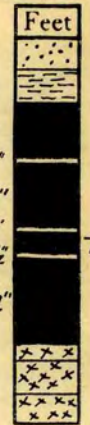
CONDITION *19"*

GROSS WEIGHT *23"*

TIME EXPOSED *1/2"*

NOT SHIPPED *1/2"*

NOT INCLUDED *32"*



PHYSICAL PROPERTIES BY NUMBERS

628
263
365

ROOF *Ss. or hard gray Ls. 0'-5' Black shale 5" to 8'*

FLOOR *Fire clay 3' to 8'*

DIP

FAULTS, ETC.

GAS

COLLECTOR *Moses*

REFERENCE *N.B. 15 P. 24*

DATE *3/1/02* 2510a

County #10

Operator, _____ Date Feb 8, 1906
 Mine, Auburn-Alton Sec. _____ T. _____ R. _____
 Located, _____ miles from Auburn on Chicago & Alton RR
 Location in mine, 81, 1400 ft S of shaft

GRAPHIC SECTION		DESCRIPTION OF SECTION (AT POINT SAMPLED)		
In.	No.	No.	(Note character and thickness of roof)	Inches
			Roof shale	
	1		Roof coal	
	2		Coal	10
	3		Shale	18
	4		Sulphur	18 1/8
	5		Coal	25 5/8
	6		Sulphur	
	7		Shale & sulphur	25 7/8
	8		Coal	33 7/8
	9		Sulphur	
	10		Shale	34 5/8
	11		Coal	36 5/8
	12		Sulphur	36 3/4
	13		Shale & sulphur	
	14		Coal	42 3/4
	15		Sulphur	43 1/4
	16		Coal	57 1/4
	17		Sulphur	57 3/4
	18		Coal	64 3/4
	19		Bluff band	66 3/4
	20		Coal	90 3/4
			(Note character and thickness of floor)	
			Floor - fine clay	
			Total thickness of coal.	90 3/4

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

What Nos. shipped by Co.?

Excluded from sample: No. 1, 3, 6, 7, 10, 12, 13, 15, 17, 19
 Sample represents 8036 in. _____ tons.

Impurities? How do they occur?
Bulletin 22, 509

Sample No. _____ Can No. _____ Lab. No. B.M. 2898

Collector, J. W. Groves & Co. Coal: Survey No. _____
 Mine, H. J. Van Buren Co. Sangamon Index No. 2510a

Operator _____ Date **Feb 8, 1906**
 Mine, **Arburn-Alton** Sec. _____ T. _____ R. _____
 Located, _____ miles from **Arburn-Chicago & Alton R.R.**
 Location in mine, **57, 2,000 ft SE shaft**

GRAPHIC SECTION		DESCRIPTION OF SECTION (AT POINT SAMPLED)		
In.	No.	No.	(Note character and thickness of roof)	Inches
			Roof, shale	
0	1		Roof coal	10
	2		coal	32
12	3		Shale	32 1/2
	4		Sulphur	
24	5		coal	40
	6		Sulphur	40 3/4
36	7		Shale & sulphur	
	8		Coal	64 3/4
48	9		Sulphur	64 7/8
	10		Shale	
60	11		Coal	79 7/8
	12		Sulphur	
72	13		Shale & sulphur	80 3/8
	14		coal	90 3/8
84	15		Sulphur	
	16		Coal	
96	17		Sulphur	
	18		coal	
	19		Shut band	
	20		Coal	
			(Note character and thickness of floor)	
			floor - fire clay	
			Total thickness of coal.	90 3/8

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

Excluded from sample: No. **1 3 6 7 10 12 13 15 17 19**
 Sample represents **78 5/8** in. _____ tons.

Impurities? How do they occur?

Bulletin 22, p. 509

Sample No. _____ Can No. _____ Lab. No. **BM. 2897**

Collector, **J. W. Groves** Coal: Survey No. _____
 Mine, **M. J. Non** Co. **Boniss** Index No. _____
Co. Sangamon

Symbol U. S. Geol. Survey Bull. 22, p. 508-9 Description _____ Inches _____
 1 division = 3 in.)

AUBURN. AUBURN-ALTON MINE.

Sample.—Bituminous coal; Illinois field; (Illinois No. 27) analyses Nos. 2897, 2898 (p. 91).

Mine.—Auburn-Alton; Springfield district; a shaft mine at Auburn, on the Chicago & Alton Railroad.

Coal bed.—Herrin coal (Bellville, No. 6) of the United States Geological Survey. Carboniferous age, Carbondale formation. Thickness, 6 feet to 7 feet 6 inches, at this mine, averaging 6 feet 8 inches; roof, laminated black shale which does not stand exposure to the air; coal is left for a roof; floor, gray fire clay.

Two sections were measured and sampled by J. W. Groves and W. J. von Borries on February 8, 1906, as shown below:

Sections of coal bed in Auburn-Alton mine at Auburn.

Section	A		B	
	2897		2898	
Laboratory No.				
Roof, shale.	Ft.	in.	Ft.	in.
Roof coal ^a	0	10	0	10
Coal	1	10	0	8
Shale ^a	0	$\frac{1}{2}$	..	..
Sulphur .....	..	..	0	$\frac{1}{2}$
Coal	0	$7\frac{1}{2}$	0	$7\frac{1}{2}$
Sulphur ^a	0	$\frac{1}{2}$	..	..
Shale and sulphur ^a .....	..	..	0	$\frac{1}{2}$
Coal	2	0	0	8
Sulphur	0	$\frac{1}{2}$	..	..
Shale ^a .....	..	..	0	$\frac{1}{2}$
Coal	1	3	0	2
Sulphur ^a .....	..	..	0	$\frac{1}{2}$
Shale and sulphur ^a	0	$\frac{1}{2}$	..	..
Coal	0	10	0	6
Sulphur ^a .....	..	..	0	$\frac{1}{2}$
Coal .....	..	..	1	2
Sulphur ^a .....	..	..	0	$\frac{1}{2}$
Coal .....	..	..	0	7
Blue band ^a .....	..	..	0	2
Coal .....	..	..	2	0
Floor, fire clay.				
Thickness of section	7	$6\frac{1}{2}$	7	$6\frac{1}{2}$
Thickness of coal sampled	6	$6\frac{1}{2}$	6	$8\frac{1}{2}$

^a Not included in sample.

Section A (sample 2897) was measured in south entry 7, 2,000 feet southeast of the shaft.

Section B (sample 2898) was measured in the south entry 1, 1,400 feet south of the shaft.

Notes.—The coal is hard and the bed contains shale and "sulphur" in streaks and bands. The rated capacity of the mine in 1906 was 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. 105; Bureau of Mines Bull. 23, pp. 61, 158; producer-gas tests: U. S. Geol. Survey Bull. 332, p. 106; Bureau of Mines Bull. 113, pp. 122, 273; washing tests: U. S. Geol. Survey Bull. 332, p. 106; Bull. 336, p. 14; coking tests: U. S. Geol. Survey Bull. 332, p. 106; Bull. 336, pp. 14, 22, 38.

For chemical analyses see part I of this bulletin, p. 91; also U. S. Geol. Survey Bull. 332, p. 105.

Collector, _____ Coal: Survey No. 6
 Mine, Auburn-Alton Co. Sangamon Index No. 2510.88