



Form 180 Blue

1894-1911 Depth to coal reported as
220' in Annual Coal Reports.

Mine apparently reopened in 1919
and operated to 1924. These latter
5 years reports showed shaft 240'.

JAS
4/5/60

Savage in Bull. 20 gives this SW
SW location, and there seems to
be no reason to doubt it. There-
fore the mine note's SE SE loc. is
treated ^{as} incorrect since it has
no apparent basis.

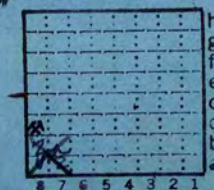
Probably correct - SESE loc would place shaft
down on flood plain of Sangamon River

KC 6-27-58

Location CB
by W. B. Roe

Standard Hatched C. C.,
#2 or Clear Lake

M. J. #
#121



Sec. 8 CB
16 N.
T. R.
R. 4 W.
Index No.

1450' Sline
300' W "

1008-24



Mine originally operated by:

(1)

Clear Lake Coal Co.
Riverton.

Date 1893.

Original name or number:

Illinois Coal Report

p.

LATER OPERATORS

Date

Operator

Name or No.

2 1903. Spaulding 2.

3 1906 Standard Washed Coal Co 2.

4
:

5

6

7

8

9

10

11

12

13

14

LOCATION 7
O.K. - Sample in B20

* Also owners

See ownership sheet

Railroad, Wagon, Idle, Abandoned 1915

SHIPPING MINE

IDENTIFICATION

County No.

Coal No.

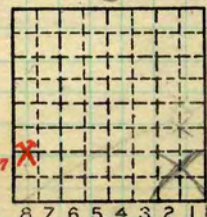


Part 6

Quad. 158

per Folio-188

County Sangamon.



Sec. 8

T. 16 N. S.

R. 4 E. W.

Index No.

COAL MINE OPERATOR

1008



COAL MINE NOTES.

0908

COUNTY *Saugamun* TOWN
T. *16N* R. *4W* S. *8*
OPERATOR *Standard Washed Coal Co.*
OFFICE *Fisher Bldg Chicago.* SW SW 8
MINE *#2.* Bull 20 p. 123
TIPPLE
ENGINES *Litchfield 1st motion 20" x 32"*
BOILERS
DRUM *6' Wood.*
SHAFT CAGE
HAULAGE
CARS *2800 lbs.*
VENTILATION
DRAINAGE
SPRINKLING
WORKING SYSTEM *Room + Pillar.*
MINING METHODS
SIZE OF ENTRIES—MAIN *35'* CROSS *30'* ROOM *30'* 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 *Shaker Screen* RESCREENED
SIZES *6", 3"*
PER CENT
PROPORTION AND SIZE OF WASHED COAL *about 66%*
DAILY OUTPUT *100 to 800 tons.*
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

1508

1008



COAL MINE NOTES.
CONTINUED.

OPERATOR *Standard Washed Coal Co.* MINE # *2* 0908
ENTRANCE *Shaft.* NAME OF COAL BED # *5*
ELEVATION *568* THICKNESS OF COAL
DEPTH TO FLOOR *240* MAX. MIN. AV.
ALTITUDE OF COAL *328*
LOCATION OF SECTION *Room #3. first south off first west.*

No.	SECTION.	In.
1	Coal	69
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
Tape		Total

SAMPLE No.

CAN No.

CONDITION

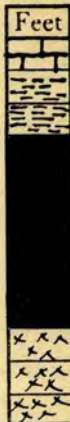
GROSS WEIGHT *69"*

TIME EXPOSED

NOT SHIPPED

NOT INCLUDED

SECTION



PHYSICAL PROPERTIES BY NUMBERS

Sulphur band 1"-2 1/2" locally found at top of coal. Concretions few. Narrow lenses of sulphur found occasionally in middle part.

ROOF *Black Shale 1 1/2'-4' Ls. cap. Blk. 0"-2"-4' gray soapstone +*
FLOOR *Fire Clay 6'*

DIP *Due south 3 1/2% grade.*

FAULTS, ETC. *Black slate found in clay house back 13" below top of coal. No cleat noticed.*
GAS

COLLECTOR *Savage*

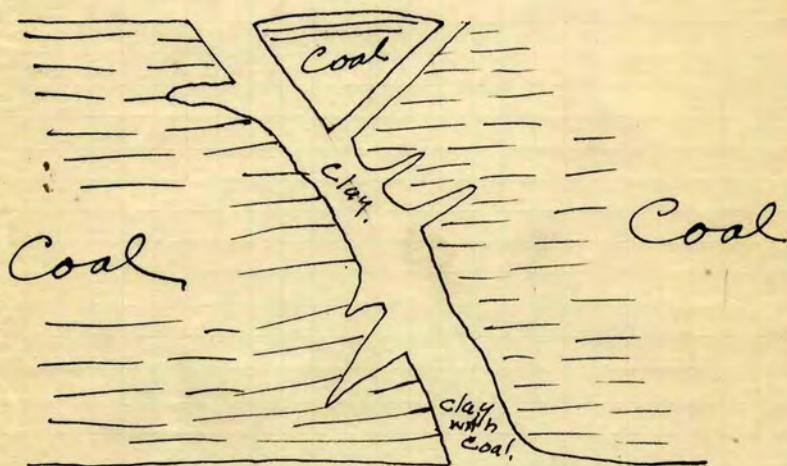
REFERENCE *N.B. 12 P. 96.*

DATE *508*
1008



Black slate fragments in clay of
horseback 22" below top of coal. 0908

Considerable trouble with squeezes so that
seldom can double track width be driven



All coal that passes thru 3" screen
sent to washer



Washer. Machinery.

Steward. sig. 60 tons per hour
 200 gals per ton of coal. Coal passes
 from car by conveyor to jig, then to
 settling tanks by Weber's Co. Conveyor.
 buckets 38-45 lbs each

Wt removed between 5+6%. Passes
 from buckets three screens $\frac{7}{8}$ ", $1\frac{1}{2}$ " + 2"

Slack	40% on 3" screen
pea	25%
nut	20%
egg	15%

Capacity of washer 100 tons per hour
 Settling tank 18' square, 24' deep. Cone
 shaped. The overflow from the settling
 tanks used at once.

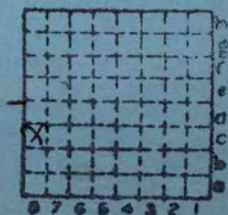
Pumps centrifugal. 40000 gals. per hour.
 High pressure pump capacity 10000 gals.
 per hour.

Washer loads on 2 tracks but 4 cars, by
 conveyors.

Utilities Coal Corp

M.I. # 124

Sangamon



Sec. 8

T. 16 N.

R. 4 W.

Index No.



Mine ~~originally~~ operated by: (1)

Date 1919.

Bissell Coal Co.
Springfield.

Original name or number:

Illinois Coal Report

p.

LATER OPERATORS

Date

Operator

Name or No.

2 1924 Utilites Coal Corp.

3

4

5

6

7

8

9

10

11

12

13

14

Platsheet #2

* Also owners

See ownership sheet

Railroad, Wagon, Idle, Abandoned

SHIPPING MINE

IDENTIFICATION

County No.

Coal No.

5'6"

Part 6

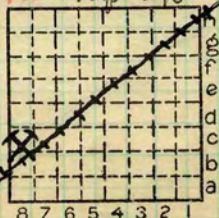
Quad. 158

County

Sangamon.

COAL MINE OPERATOR

(34216-1M-3-30) 7



Sec. 8

T. 16 N.

R. 4 W.

Index No.

~~1008~~

1008C8

Location and Elevation Data

Location: Exact ~~Approximate~~

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

Location by W. B. Roe
Date 4-28-31 Notebook No. 602 Page 21-173

Looseleaf ref. _____

Map files No. 12-83-13c

Description of location

Position in sec., $\frac{1}{4}$ sec., 40 acres

_____ feet from North line

_____ feet from East line

1450 feet from South line

300 feet from West line



Sec. 8

T. <u>16</u>	N.
	S.
R. <u>4</u>	E.
	W.

Farm _____

No. _____

Company Utilities Coal Corp.

No. _____

County No. ~~42~~

Other description: _____

MX

Elevation 577.6 ft.

By W. B. Roe

Method: Level, transit, alidade, hand level

Alidade

Elevation of top casing

Height of point above ground 1'

Date 4-28-31 Notebook 602 P. 21-173

Looseleaf ref. _____

Map files No. 12-83-13c

Description of item: (drill hole, mine, etc.) Mine Shaft

240' R-R. 5'6" *5. SHIPPING MINE

County Tungahow Quadrangle Springfield Index No. 1008CB
(45576-1M-10-30) 7

Town, Riverton

Local Authority,

Level: Auth.,

Method,

R. R., IC. ~~SE~~

Location: authority, Bissell Coal Co.

Surface alt., 568 ft.

Depth to coal, 234 ft.

Alt. top coal, 334 ft.

Thickness: Av. 66 in.

Max. in., Min. in.



(Show R. R.)

Operator

Mine Name or No.

19 Bissell Coal Co.

Bissell
Clear Lake

Successor to Standard Washed Coal Co.

Keystone 1918
NO. 2

Date (See letter April 23, 1921)

Succeeded by Utilities Coal Corp.

Date 1925 (Coal Catalog)

Succeeded by Springfield, Ill.

Bissell

Date

PRODUCTION.

										U. S. No.
1926	<u>Daily exp</u>	<u>2000 Tons</u>								
1927	<u>249029</u>									
1928	<u>Idle</u>									

Geol. Notes? Yes Coop. No.

Coal secs?

Analyses No. 81456-7-8-9

Examined by

Ref.

Coal bed name: Local #5 SHIPPING MINE Avey No.

County Sangamon

Index No. 1008.01

K.—ACTIVE SHIPPING OR LOCAL COAL MINE.

Entrance

Kind of tippie

Motive power for hoist

Source if electrical

Kind of hoist (cage, skip, etc.)

Kind of haulage

Mining equipment

Note any features of the equipment that are of special interest

SURFACE DATA.

A. Topography,

B. Surficial materials,

(1) Character,

(2) Thickness,

(3) Effect on mining and shaft-sinking, of

former drainage lines, underground water strata, etc.

C. Outcrops,

(1) Character,

(2) Structure,

(3) Fossil horizons,

Collection No.,

(4) Evidences of subsidence,

D. Note collection of mine maps, drill records and shaft logs.

See drill record sheet,

E. Notes on surrounding area,

Coal bed name: Local,

Collector,

Mine,

L.—SURFACE SHEET (Geol.)

Survey No. 5

Co. Sangamon

Index No. 1008.02

F. Thickness of rock above bed worked,

(1) Important variations,

No information

See

G. Note presence of strata having important effect on mining.

Black shale roof requires timbering See

(1) Position, *Above coal*

(2) Character, *Massive, black shale*

(3) Persistence, *Thruout mhc*

(4) Other workable coal beds.

See

H. Cap rock, *Limestone*

(1) Thickness, *No information*

(2) Height above coal, $2' - 5'$

See

I. Immediate roof, *Black shale*

(1) Thickness, 2-5' Fr. 3' (2) Contact with coal,

(3) Horizontal variation, *only thickness*

See

J. Draw slate. (1) Thickness, (2) Contacts

None

(3) Persistence.

K. Coal bed: Max. 78 Min. 60 Av. 66 inches

(1) Benches, *Napp*

(a) Position.

(b) Persistence.

See

(2) Bedded impurities, kind, position in benches, persistence, ease of separation. *Charcoal lenses*

7

Limestone

5

Blacksh

See

5

Coal

(3) Irregularities in continuity of bed (due to deposition, erosion, or movement, *clay bars back*)

See

$$10, i = 4$$

(a) Effect on mining, *Expensive to mine*

See

Collector, *Not a brand*

Coal: Survey No. 5

Mine, *Clear Lake* Co. *Sonoma*

Index No. 1008.03.

M.—UNDERGROUND SHEET (Geol.)

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

(a) Relative hardness, *Harder than Springfield district*(b) Lustre, *Upper dull, lower bright & dull*(c) Fracture, *Hackly*(d) Texture, *Laminated*

See

(6) Impurities in coal, other than bedded,

(a) Kind, *Pyrite lenses & fls., calcite or gypsum fls.*(b) Position and persistence, *Through coal vertically & laterally*(c) Rejected, *Lenses over 1/2" Ease of separation, Usually stick.*

See

L. Floor: (1) Material, *Floorclay* ls. below:(2) Thickness, *2' known. Max. or min. unknown.*(3) Variation, *Varies from dark to light with some**medium grey*(4) Note character, condition, tendency to heave, relation to undercutting commercial value. *Hard, grey clay, black fragments,**a few slickensides; heaves after standing in abandoned workings; shovels from the solid; value unknown*

See

(5) Clay sample No.

Location,

M. Stratigraphy,

(1) Fossiliferous horizons underground, *Black shale contains**pyritic replacements of brachiopods. Abundant in patches.*

Collection No.

Location,

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

See

Collector, *Netzeband*Coal: Survey No. *5*Mine, *Clear Lake*Co. *Sangamon*Index No. *1008-02*

N.—UNDERGROUND SHEET (Geol.)

I 3 The roof of the mine is practically all black shale (slate). This immediately overlies the coal with a fairly regular contact. The "slate" is from 1 to 5' in thickness, massive, with some ls. & pyrite nodules. This was only timbered in the rooms and only occasionally in the entries.

Above this shale is limestone, hard, compact. This occasionally formed the roof where the black shale fell for a short distance. Nowhere did we observe a place where it had fallen.

The lower contact is uneven. Above the limestone is gray shale, "scrapstone". The ls. was probably deposited on an erosional surface.

Roof conditions are good very little timbering ^{required} the "slate" falling occasionally, giving a little trouble but not much.

The concretions project downward into the coal, making the roof uneven.

There are numerous horsebacks in the roof extending down into the coal.

Operator, *Bissal Coal Co*
 Mine, *Clear Lake*
 Location in mine, *300 ft off Main N*

Date *Sept. 10, 1921*
 Sec. *8* T. *16N* R. *4W*

GRAPHIC SECTION		DESCRIPTION OF SECTION (AT POINT SAMPLED)	
In.	No.	No. (Note character and thickness of roof)	Inches
		Black shale roof	
		1 Coal	16 1/2
		2 Pyrite lens	3/8
		3 Coal	4 1/2
		4 Pyrite lens	1/2
		5 Coal	16 1/4
		6 Pyrite lens	1/4
		7 Coal	12 1/2
		8 Pyrite lens	3/8
		9 Coal	12 1/2
		Tape 63 3/8"	
		(Note character and thickness of floor)	
		Total thickness of coal.	63 3/8"
		Condition, Dry, fresh.	Time, 4 hr. 13 min. 8:30
		Wt. Gross, 26 lbs.	Net, 4 lbs.
		What Nos. shipped by Co.?	
		Excluded from sample: No. 2, 4, 8,	
		Sample represents 62 5/16 in.	tons.
		Impurities? How do they occur?	
(1 division=3 in.)			

Sample No. *T-21-46* Can No. *07007* Lab. No. *81456*
 Collector, *Thurston* Coal: Survey No. *5*
 Mine, *Clear Lake* Co. *Sangamon* Index No. *1008.02*

Operator, *Rissel Coal Co.*Date *Sept. 19, 1921.*Mine, *Clear Lake.*Sec. *8* T. *16 N.* R. *4 W.*Location in mine, *Room 14, 3rd N off 1st F off Main N*

GRAPHIC SECTION		DESCRIPTION OF SECTION (AT POINT SAMPLED)		
In.	No.	No.	(Note character and thickness of roof)	Inches
			Black shale roof	
		1	Coal	18 3/4
		2	Charcoal lens	1/4
		3	Coal	7 1/8
		4	Charcoal lens	1/8
		5	Coal	7 1/4
		6	Pyrite lens	1/4
		7	Coal	9
		8	Charcoal lens	1/8
		9	Coal	6 1/4
		10	Pyrite lens	1/8
		11	Coal	12 1/2
		12	Pyrite lens	1/8
		13	Coal	10 1/2
			Tap 72 3/8	
			(Note character and thickness of floor)	
			Total thickness of coal.	72 1/4
			Condition, Dry fresh.	Time, 3 hr. 32 min.
			Wt. Gross, 2.9 lbs.	Net, lbs.
			What Nos. shipped by Co.?	
			Excluded from sample: No. None.	
			Sample represents 72 1/4 in.	tons.
			Impurities? How do they occur? Pyrite fin., calcite	
(1 division=3 in.) or gypsum fin.				

Sample No. *7-21-47* Can No. *05761* Lab. No. *81457*Collector, *Thurston* Coal: Survey No. *5* ☐Mine, *Clear Lake* Co. *Sangamon* Index No. *1008.02*

R.—COAL SAMPLE SHEET.

Operator, *W. J. Coal Co.*Date *Sept 13, 1921*Mine, *Clear Lake*Sec. *8* T. *16N* R. *14W*Location in mine, *Room 11, 6ms off 7th E off Main Sile*

GRAPHIC SECTION		DESCRIPTION OF SECTION (AT POINT SAMPLED)		
In.	No.	No.	(Note character and thickness of roof)	Inches
			<i>Black shale roof</i>	
			<i>1 Coal somewhat bony</i>	<i>15 1/8</i>
			<i>2 Pyrite lens</i>	<i>1/8</i>
			<i>3 Coal</i>	<i>14 1/4</i>
			<i>4 Pyrite lenses</i>	<i>1/4</i>
			<i>5 Coal</i>	<i>2 3/8</i>
			<i>6 Pyrite lens</i>	<i>1/8</i>
			<i>7 Coal</i>	<i>8</i>
			<i>8 Charcoal lens</i>	<i>1/8</i>
			<i>9 Coal</i>	<i>21 1/4</i>
			<i>10 Charcoal lens</i>	<i>1/2</i>
			<i>11 Coal</i>	<i>5 1/2</i>
			<i>Type 68 5/8</i>	
			(Note character and thickness of floor)	
			Total thickness of coal.	<i>68 7/8</i>
			Condition, <i>Dry Fresh</i>	Time, <i>2</i> hr. <i>30</i> min. <i>11:00</i>
			Wt. Gross, <i>27</i> lbs.	Net, lbs.
			What Nos. shipped by Co.?	
			Excluded from sample: No. <i>None</i>	
			Sample represents <i>68 7/8</i> in.	tons.
			Impurities? How do they occur?	

(1 division=3 in.)

Sample No. *7-21-48* Can No. *05729* Lab. No. *81459*Collector, *Thurston* Coal: Survey No. ☐Mine, *Clear Lake* Co. *Sangamon* Index No. *1008.02*

R.—COAL SAMPLE SHEET.