



Form 180 Blue

Abd 1961

CITIZENS C. C., "East Breese"

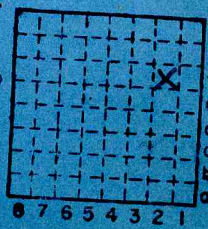
MI # 198

Lot # 210

COUNTY No. 210

S-2

CLINTON County



h	Sec. 22
g	
f	T. 2 N.
e	
d	R. E
c	
b	
a	Index No. 4 W.

8 7 6 5 4 3 2 1



Mine originally operated by: (1)

Date **Future Coal & Mining Co.**

1887

Original name or number:
Illinois Coal Report **1887** p.

LATER OPERATORS

Date	Operator	Name or No.
2 1894	Breese Coal Co.	Future
3 1895	Breese Coal Co.	
4 1900	Breese Coal Co.	#1
5 1902	Breese Coal & Manufacturing Co.	
6 1903	Breese Coal Co.	
7 1904	Breese Trenton Mining Co.	{ #1 East
8 1932	Citizens Coal Co.	"East (Breese)"
9		
10		
11		
12		
13		
14		

SE, NE 22 (4x8)

Location for Dept Mon
map

1946
OK

* Also owners #See ownership sheet

Railroad, Wagon, Idle, Abandoned Shaft **400'**

B. & O.

IDENTIFICATION

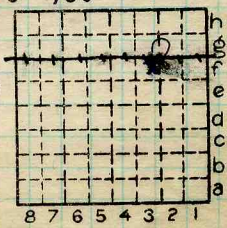
County No. **210**

Coal No. **6**

Coal Rept No: **S2**

S-2 Quad. **227 - Breese** Part
(1' x 6'6")

County **Clinton**



Sec. **22**

T. **2** N.

R. **4** W.

Index No.

0622 f2

COAL MINE OPERATOR



(Sheets) COAL PRODUCTION (Sheet)

No.	Period						Tons
	Mo.	Day	Year	Mo.	Day	Year	
						1935	
2	1	1	1936	12	31	1936	93 727
						1927	
2	1	1	1937	12	31	1937	95 663
S-2	1	1	1938	12	31	1938	89 215
						1939	51 124
						1940	44 478
S-2	1	1	1941	12	31	1941	54 524
						1942	50 919
						1943	91 808
						1944	113 475
						1945	120 078
						1946	143 273
						1947	121 571
						1948	135 035
						1949	126 831
						1950	100 039
						1951	109 199
						1952	95 160
						53	82 308
						1954	66 138
						1955	64 403
						1956	50 673
			Local			1957	53 580
			ll			1958	49 389
							41 881

#2

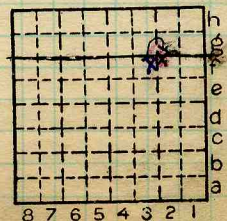
SUMMARIES

No.	to	No.	
1887		1935	8 063311

Railroad, Wagon, Idle, Abandoned

IDENTIFICATION

S-2
 County No. 210 Coal No. 6
 Quad. Breese
 227 Part
 County Clinton



Sec. 22
 T. 2
 R. 4
 Index No. 0622 f2

COAL MINE-PRODUCTION



(2 Sheets)

COAL PRODUCTION

(Sheet 2)

Period				Tons			
Mo.	Day	Year	Mo.	Day	Year		
		local			1959	37	843
					1960	36	297
		abn			1961		
Total						8	137 451

SUMMARIES

No. to No.

Railroad, Wagon, Strip, Idle, Abandoned

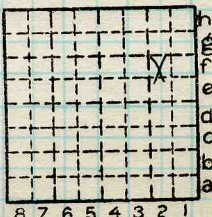
IDENTIFICATION

County No. 210
Coal Report No. S-2

Coal No. 6

Quad.

County Clinton



Sec. 22

T. 2 N.
S.
R. 4 W.

Index No. 0622 f2

COAL MINE—PRODUCTION

ILLINOIS GEOLOGICAL SURVEY, URBANA

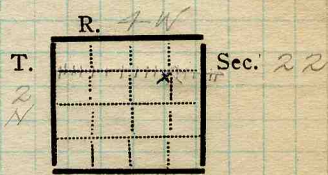




Town, *Breese*
Local Authority, *Joe Hardman M. Mgr.*
Level: Auth.,
Method,

Surface alt., ft.
Depth to coal, *400* ft.
Alt. top coal, ft.
Thickness: Av. *90* in.
Max. *96* in., Min. *84* in.

R. R., *B&O SW.*



Location: authority, *Mine map*

(Show R. R.)

Operator _____ Mine Name or No. _____

19 *21* *Breese Trenton Coal Co.* *Breese*

Successor to
Date
Succeeded by
Date
Succeeded by
Date



PRODUCTION.

							U. S. No.
19 <i>21</i>				<i>1000-1200 ton daily</i>			

Geol. Notes? *Yes* Coop. No. Coal secs? *3*
Analyses No.

Examined by *Hatzaband* Ref. *Loose leaf*

Coal bed name: Local Survey No. *6*
County *Clinton* Index No. *0622-77*

K.—ACTIVE SHIPPING OR LOCAL COAL MINE.

Feb 16 1918

TO THE STATE GEOLOGICAL SURVEY:
URBANA, ILLINOIS.

Mr. Breese-Trenton Mining Co. owner,

building a rig on Breese Mine Farm 1520 Acres,

3⁰⁰ P.M.
Breese-T2N.R4W Twp., Clinton Co.

Located as follows in Section No. 10-14-15-22-26-27



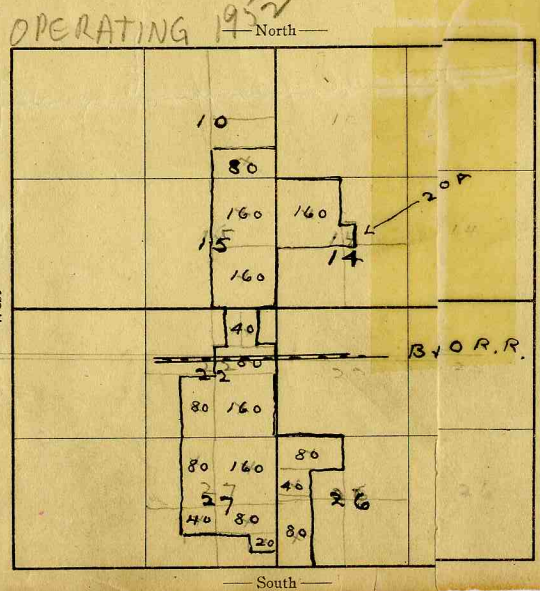
John C. Moore Corporation, Rochester, N. Y. Binder and holes in leaves each Patented 1906.

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

Remarks

Signed

F. A. Lietze
Carlyle, Ill
Eng B-T M Co



Letter to
Date
Letter to
Date
to
Date
Samples rec'd
Date
Date
Remarks

See letters in
main files
Send to pay way

MN 192-1

#210

County Clinton
Farm
Operator
Well No. 0622

See 0622



LOCATION AND ELEVATION

Location: side B.B.O. S.W R. R.
side R. R.
side Highway No.

on top. map Location sheet Map Files #2-14-10A

Elevation: Method, 1. Est. (_____) ft.
2. Inst. (kind PT) 451.6 ft.

By NB600 p12-220 B.R. Data sheet

DEPTH

Authority Joe Hardman, Mine Mgr. To coal _____ ft.
Authority Rail to rail _____ ft.
Top of coal above rail. (Est. Rule) _____ ft.
To coal 410 ft.

ALTITUDE OF TOP OF COAL

By estimated data _____
By instrumental data 41.6 ft.

Thickness

Max. 96 in. Min. 84 in. Aver. 90 in.

GEOLOGICAL DATA

Mine notes, date 1918

Coop No. 198 Pyr. inv. Coal Ash inv.
Aver #4

CHEMICAL DATA

Analyses Face U. I. B. M. 80744-5-6-7 Others 1176
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

Classification Published

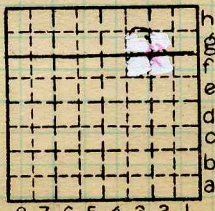
Misc. tests: Coking. Cleaning Boiler

Published descriptions:—

Railroad, Wagon, Idle, Abandoned

IDENTIFICATION

County No. 210 Coal No. 6
Coal Rept No. S2
Quad. 227 - Breese Part
County



Sec. 22
T. 2 N.
R. 4 W.
Index No.

Clinton

COAL MINE LOCATION AND DATA

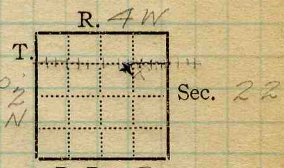
0622-31
FR

Mine Name or No., *Breese*

$\frac{1}{2}$ mile *E* from *Breese*

Operator, 1911 *Breese Trenton Coal Co.*

Operator, 191



R. R. *B. 20. S. W.*

Entrance, *shaft* Elev., ft. $\left. \begin{array}{l} \text{above,} \\ \text{below,} \end{array} \right\}$

Depth to ~~bottom~~ coal, *400* ft. Alt.

SURFACE DATA.

A. Topography, *Rolling, swampy to the east.* See

B. Surficial materials. (1) Character, *Clay, sand in some places.*

(2) Thickness, *No information* (3) Effect on mining and shaft-sinking, of former drainage lines, underground water strata, etc. *No information*

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.

Standard Engr'g Co., Duquoin, Ill (Elev.)

See drill record sheet,

E. Notes on surrounding area,

See

Coal bed name: Local,

Survey No. *6*

Collector, *Natzband*

Mine, *Breese*

Co. *Clinton*

Index No. *0622-77*



- F. Thickness of rock above bed worked, *No information*
- (1) Important variations, See
- G. Note presence of strata having important effect on mining, See
- Black shale roof treacherous in S.*
- (1) Position, *Above coal.*
- (2) Character, *Fairly hard, thin bedded*
- (3) Persistence, *Thru out mine.*
- (4) Other workable coal beds, *No information* See
- H. Cap rock, *Limestone*
- (1) Thickness, *No information*
- (2) Height above coal, *2"-3'* See
- I. Immediate roof, *Black shale*
- (1) Thickness, *2"-3'* (2) Contact with coal,
- (3) Horizontal variation, *Good roof in N.* See
poor roof in S.
- J. Draw slate. (1) Thickness, (2) Contacts
- (3) Persistence,
- K. Coal bed: Max. *96* Min. *84* Av. *90* inches
- (1) Benches, *Three in South.*
- (a) Position, *Top coal, middle coal, bottom coal (below blue band)*
- (b) Persistence, *Only in the South* See *X1*
- (2) Bedded impurities, kind, position in benches, persistence, ease of separation. *B.B. (upto 6") shale & bone coal, charcoal partings (1/2 - 1/2) B.B. parts fairly easy, not much coal lost thru sticking to B.B.* See
- (3) Irregularities in continuity of bed (due to deposition, erosion, or movement, *Minor slips cut thru coal* See
- (a) Effect on mining, *Effect grades e. timbering* See

SECTION				
Ft.	In.	Name	Color	Sym.
		Limestone		
		3(Max) Black sh.		
	7 6	Coal		
	2	Floor clay		
		4' = 1 Div.		

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

(a) Relative hardness, *About same hardness as Williamson Co. coal*(b) Lustre, *See XI*(c) Fracture, *Blocky but cleat not well developed.*(d) Texture, *Laminated.* See XI(6) Impurities in coal, other than bedded, *Pyrite.*(a) Kind, *Lenses 1/8 - 1/2"*(b) Position and persistence, *Thruout coal laterally & vertically*(c) Rejected, *Lenses 1/2" and over* Ease of separation, See XIL. Floor: (1) Material, *Floor clay*(2) Thickness, *2' +/-*(3) Variation, *No known variation*(4) Note character, condition, tendency to heave, relation to undercutting commercial value. *Brittle, dark grey clay, many slickensides, carbonaceous fragments of plant remains**Heaves very little, not more than 2" under ordinary working conditions. May heave more in abandoned workings.**Used to undercut upon.*

See

(5) Clay sample No.

Location,

M. Stratigraphy,

(1) Fossiliferous horizons underground, *Limestone, black shale contains fragments of plant remains. Well preserved fern leaves reported by M.Mgr.*

Collection No.

Location,

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

See

Collector, *Natzaband*Coal: Survey No. *6* Mine, *Breese*Co. *Clinton*Index No. *0622:77*

Symbol

Description

Inches

Aug. 3, 1921

22nd W off Main S.

Black shale roof

1 Coal	17
2 Pyrite	1/16
3 Coal	2 1/2
4 Pyrite	1/16
5 Coal	18
6 Pyrite	1/8
7 Coal	1
8 Charcoal	1/2
9 Coal	3
10 Charcoal	1/2
11 Coal	5
12 Charcoal	1/2
13 Coal	3 1/4
14 Charcoal	1/4
15 Coal	13 3/4
16 Pyrite lens	1/4
17 Coal	7 1/2
18 Bone coal & shale	2 1/2
19 Coal	1 3/4
20 Shale gray	2 1/4
21 Coal	18 1/4

Condition - Dry, fresh

Time 7 hrs 27 min

Weight 24 lbs.

Excluded 18, 19, 20

15 30
10 1/4
+ 57

Tap 97

98

(Scale: 1 division = 3 inches).

Sample No. T-21-4 Can No. 6277 Lab. No. 80744
 Collector, Thurston Coal: Survey No. 6
 Mine, Breese Co. Clinton Index No. 0622.77



INDEX

(36713-500-7-20)

K₁ In the south there is a charcoal parting above the blueband. This acts as a cushion and the powder does not break the coal below the B.B.

K_{5b} The upper 2' of coal is bright interlayered with glance ($\frac{1}{16}$ - $\frac{3}{16}$ ") bright predominating. The middle coal to the blueband is bright with dull interlayered, bright predominating. Coal below B. B. dull with glance ($\frac{1}{16}$ to $\frac{3}{4}$ ") about half and half.

2nd S off. 17th W.

Roof conglomerate of cemented by a soft bluegrey clay which softens & becomes plastic upon exposure to air. Exposed for 20' along entry. 4' of thickness exposed. Sample taken.

In the N.W. part of the there are many stringers of clay running down into the coal. Some of these stringers are 6" wide. They are very irregular in shape.

Collector Netzaband

X- /

EXTRA NO.

Index No.

06 22.77

County

Clinton



Symbol Description Inches

Aug. 3, 1921

21st E off Main N.

Black slate roof (Blocky)

1 Coal bright	14
2 Pyrite	1/16
3 Coal	5 3/4
4 Pyrite	1/8
5 Coal	13 1/4
6 Pyrite	7/16
7 Coal	13 1/2
8 Charcoal	1/8
9 Coal	6 1/4
10 Pyrite	1/4
11 Coal	5 1/2
12 Pyrite	1/2
13 Coal	8 3/4
14 B.B. grey shale	2 3/4
15 Coal	5 1/2
16 Charcoal	1/4
17 Coal	8

Condition - Dry fresh.
Weight 29 lbs.

Time 3 hrs 10 min
Excluded: 12, 14, 16 60
12 30
3 10

Tape 84

84 5/8

(Scale: 1 division = 3 inches).

Sample No. F-21-5 Can No. 5858 Lab. No. 80745
Collector, Thurston Coal: Survey No. 6
Mine, Breese Co. Clinton Index No. 0622:77



Symbol

Description

Inches

Aug. 3, 1921

17th W off Main N.

Limestone roof

Clode 2"

1 Coal

12

2 Charcoal & pyrite lens

3/8

3 Coal

5

4 Charcoal

1/4

5 Coal

4

6 Charcoal

1/8

7 Coal

20 1/4

8 Bone coal & pyrite } B.B.

1 3/4

9 Coal

2

10 Gray shale

2 1/4

11 Coal

9 3/4

Floor clay

15 Coal Tape 78 1/2

Time 7 hrs 19 min

16 1/2

Weight 22

13.55

Condition Dry, fresh.

2.19

Excluded: 8, 9, 10

77 3/4

(Scale: 1 division = 3 inches).

Sample No. T-21-66

Can No. 6322

Lab. No. 80746

Collector, Thurston

Coal: Survey No. 6

Mine, Breese

Co. Clinton

Index No. 0622.77

Q.—COAL SECTION SHEET.



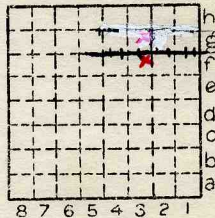
Location and Elevation Data

Location: Exact Approximate
 (Approximate only if no trace of record of original exists)
 Location by W. B. R.
 Date 12-2-30 Notebook No. 600 Page 17-220
 Looseleaf ref. _____
 Map files No. 2-14-10A

Description of Location

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

1452 feet from North line
1365 feet from East line
 _____ feet from South line
 _____ feet from West line



Sec. 22

T	2	N.
		S.
R		E.
	4	W.

Other description: S-2
Auer #4

Farm _____
 No. _____
 Company Citizens Coal Co.

 No. _____
 County No. 210

Elevation 451.6 ft.
 By W. B. R.

Method: Level, transit, alidade, hand level

Elevation of _____
 Height of point above ground _____
 Date _____ Notebook _____ P. _____
 Looseleaf ref. _____

 Map files No. _____
 Description of item: (drill hole, mine, etc.) _____

County Clinton Quadrangle Breece Index No. 0622 F2

ILLINOIS GEOLOGICAL SURVEY, URBANA

January 21, 1939

Breese Trenton mine at Trenton.

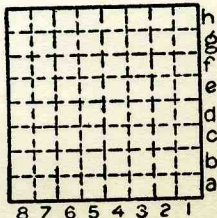
Shaft sunk in 1904, mine operated until 1914.

Mine at Breese -- Citizens C. C. mine -- 435'
to T. C. Old mine at Trenton slightly less to
top coal.

By.....Date.....

Quad.....Part.....

County Clinton



Sec.	<u>22</u>
T.	<u>2</u> N.
	S.
R.	<u>4</u> W.

Co. No. County Sec. T. R. T.&R.

Company *Citizens, C. C.* No. Farm *"East Bruce"* No.

Elev. of by Total depth Year ~~date~~ '87

For *M* Method *H* Result *L* Type log Core desc.

Stripped Analysis Confd. Publ.

Location

Core logged by

Remarks: *Coal Rept. S-2*

KEY BEDS				
Code	Name	Depth	Thk.	Elev.
	<i>G</i>	<i>435</i>	<i>7'</i>	

Compiled by WMP 9/57 *SW NE*

Correlations by basis
Date Quad.
County *Clinton* Co. No. *210*

Sec. <i>22 F2</i>	
T. <i>2</i>	N. <i>W.</i>
R. <i>4</i>	W. <i>W.</i>