





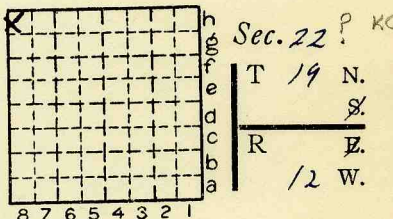
Location and Elevation Data

Location: Exact Approximate  
 (Approximate only if no trace of record of original exists)  
 Location by *Mine notes & W.P.A. Photostat map.*  
 Date..... Notebook No..... Page.....  
 Looseleaf ref.....  
 Map files No.....

Description of Location

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

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



Other description:.....

*No. 7 coal 5'0" Av.*  
*Tipple at midpoint of N. edge of Sec. 16.*  
*Strip pit along W. border of Sec. 22. - N. end stripped by Chicago Collieries Corp.*

Farm.....  
 No.....  
 Company *(Chicago Collieries Co #4) United Electric Coal Co.*  
 No. *12*  
 County No.....

Elevation..... ft.  
 By.....

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.) *Strip mine Abd.*

County *Vermilion*      Quadrangle *Danville*      Index No. *(P22 Pit)*  
*149*      *1816 H8*



Mine originally operated by: (1)

Date

1918 CHICAGO COLLIERIES

Original name or number: No. 2.

Illinois Coal Report \_\_\_\_\_ p.

LATER OPERATORS

Date	Operator	Name or No.
2	1924 CHICAGO COLLIERIES	No. 4
3	1926 UNITED ELECTRIC COAL. CO.	No. 12
4	ABAND 1930	
5	REMOVED 1932	
6		
7		
8		
9		
10		
11		
12		
13		
14		

\*Also owners

#See ownership sheet

Railroad, Wagon, Strip, Idle, Abandoned STRIP MINE

IDENTIFICATION

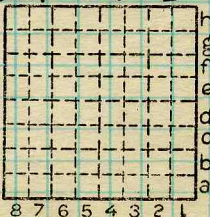
County No. \_\_\_\_\_

Coal Report No. \_\_\_\_\_

Quad. DANVILLE

County VERMINION

Coal No. 7



Sec. 16

T. 19 N. 8.

R. 12 W.

Index No.

181648

COAL MINE OPERATOR

Pit 1821  
1822



( Sheets ) COAL PRODUCTION ( Sheet )

Period		Tons	
Mo.	Day Year	Mo.	Day Year
Chicago Collieries	1918	29	644
Co. No. 3 - Fairmont	1919	49	600
No. 2	1920	54	454
	1921	53	522
	1922	2	189
Chicago Collieries	1922	15	229
Co. No. 4 - Catlin	1923	108	656
	1924	163	303
July 1 1925 - Dec. 31	1925	102	082
June 30 1924 - June 30 1925	1926	124	611
	1926	128	630
UNITED ELECTRIC	1927	152	339
COAL Co. No. 12	1928	163	224
	1929	57	996
	1930		
	1931		
	1932	49	474
	1933	62	753
	1934	15	961
	1935		

SUMMARIES

No.	to	No.		
1918		1935	1	333 567

Railroad, Wagon, Strip, Idle, Abandoned  
1934

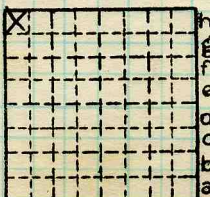
STRIP MINE

Sec. 16

IDENTIFICATION

County No. \_\_\_\_\_  
Coal Report No. \_\_\_\_\_  
Quad. DANVILLE  
County VERMILION

Coal No.  7



T. 19 N.  
R. 12 W.  
Index No.

COAL MINE—PRODUCTION Pit 1821  
ILLINOIS GEOLOGICAL SURVEY, URBANA

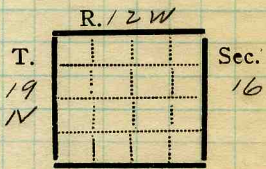
1816 H 8





Town, *Danville* Surface alt., ft.  
 Local Authority, Depth to coal, ft.  
 Alt. top coal, ft.  
 Level: Auth., Thickness: Av. in.  
 Max. in., Min. in.  
 Method,

R. R., *ITS*



Location: authority, *Tippie at midpoint of northern edge of Sect 16*  
*No 12 Pit along W. border of Sect 22*  
 Operator *MN*

(Show R. R.)  
 Mine Name or No. *12*

19 *United Electric Coal Co. Mine #12*  
*Danville Ill*

Successor to  
 Date  
 Succeeded by  
 Date  
 Succeeded by  
 Date

**PRODUCTION.**

							U. S. No.
19							

Geol. Notes? Coop. No. Coal secs?  
 Analyses No.

Examined by *Nicholson* Ref.

Coal bed name: Local *Danville* Survey No. *7*  
 County *Vermilion* **SHIPPING MINE** Index No. *1816*

K.-ACTIVE SHIPPING OR LOCAL COAL MINE.



Location and Elevation Data

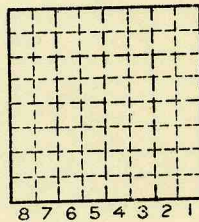
Location:                      Exact                      Approximate  
 (Approximate only if no trace of record of original exists)

Location by.....  
 Date..... Notebook No..... Page.....  
 Looseleaf ref.....  
 Map files No.....

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. 21-22  
 T 19 N.  
 R E.  
 12 W.

Other description: *1st reported 1918*  
*ABD (1923?) 1925*

Farm.....  
 No.....

*Strip pit 17 Sec. 5*  
*21, 22, 27, 28*

Company *Chicago*  
*Collieries Co.*

No. *#2 #4*  
 County No.....

*Mine Notes: (1822.08)*  
*#4 strip pit. Bolton Branch*

Elevation..... ft.  
 By.....

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.) *Strip Pit Abandoned*

County *Vermilion*      Quadrangle *149*      Index No. *1821*  
*Pit { 1822*  
 (50167-5M-2-38) 2

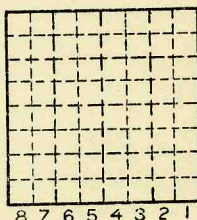


Location and Elevation Data

Location: Exact Approximate  
 (Approximate only if no trace of record of original exists)  
 Location by G.M.W.  
 Date 1943 Notebook No. 667 Page 21-22-23  
 Looseleaf ref. \_\_\_\_\_  
 Map files No. \_\_\_\_\_

Description of Location

loc. in strip pit Position in sec., 1/4 sec., 40 acres  
 \_\_\_\_\_ feet from North line  
4750 feet from East line  
4675 feet from South line  
 \_\_\_\_\_ feet from West line



Sec. 27  
 T 19 N.  
 R 12 W.

Other description: High wall of  
Abd strip pit - 55' to top of coal  
#7 (525)

Farm \_\_\_\_\_  
 No. \_\_\_\_\_  
 Company (small strip pit)  
Chicago Collieries  
 No. 28417  
 County No. 818

19 tabulations

Elevation 580.2 ft.  
 By G.M.W.

Method: Level, transit, alidade, hand level

Elevation of Top of spoil pile  
 Height of point above ground \_\_\_\_\_  
 Date \_\_\_\_\_ Notebook \_\_\_\_\_ P. \_\_\_\_\_  
 Looseleaf ref. \_\_\_\_\_

Map files No. \_\_\_\_\_

Description of item: (drill hole, mine, etc.) Strip mine Abandoned  
(S. end. of pit.)

County Vermilion Quadrangle Danville Index No. 182748 <sup>COAL</sup> <sub>ENCL.</sub>

Pit. 17 { 1821  
 1822 also 1827



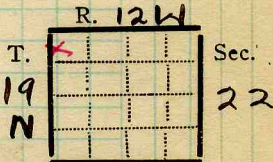
Town, *Danville*  
Local Authority,

Surface alt., ft.  
Depth to coal, ft.  
Alt. top coal, ft.  
Thickness: Av. *60* in.  
Max. in., Min. in.

Level: Auth.,

Method,

R. R.,



Location: authority,

*H.E.C. Jan. 25*

(Show R. R.)

Operator

Mine Name or No.

*1924 Chicago Collieries Co. 4*

Successor to

Date *United?*

Succeeded by *Electric Coal Co*

Date *letter from above*

Succeeded by

Date

**PRODUCTION.**

								U. S. No.
19								

*A letter '26' exhausted.*

Geol. Notes? *yes*  
Analyses No.

Coop. No.

Coal secs?

Examined by.

Ref.

Coal bed name: Local *Danville*  
County *Vermilion*

Survey No.

Index No. *1822-57*

K.-ACTIVE SHIPPING OR LOCAL COAL MINE.

(9019-IM-7) COUNTY NO.

*Strip Mine SHIPPING MINE*

*537*





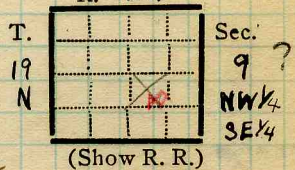
Town, *Danville*  
Local Authority,

Surface alt., ft.  
Depth to coal, ft.  
Alt. top coal, ft.  
Thickness: Av. in.  
Max. in., Min. in.

Level: Auth.,  
Method,

R. R., **E.T.8**

*Sup. Catlin.*  
**R. 12W**



Location: authority, *Co. letter '26*

**Aiser #8 (1927-35) Operator** **Mine Name or No.**

*The United Electric Coal Companies.* **# 12**

19 26 *1 West Harrison St.*  
*Danville, Del.*

Successor to  
Date  
Succeeded by  
Date  
Succeeded by  
Date

**PRODUCTION.**

*Q*

						U. S. No.
19 1927 1928	152 339					
1932	49974					1930 #7

Geol. Notes? Coop. No. Coal secs?  
Analyses No.

*57*

**Examined by** **Ref.**

Coal bed name: Local **SHIPPING MINE** Survey No.  
County *Vermillion* Index No. **7809**

**K.-ACTIVE SHIPPING OR LOCAL COAL MINE.** *1816*  
*Strip Mines* (9019-IM-7-18)

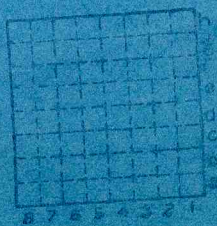


Form 180 Blue

United Electric Coal Co

#12

mine index 3758



Sec. 22 #8

T. 19 N S.

R. 12 W E.

Index No.

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

Company United Elec. C. C. No. 12 Farm No.

Elev. of by Total depth Year drld. 1922

For M Method T Result A Type log Core desc.

Stripped Analysis Confd. Publ.

Location

Core logged by

Remarks:

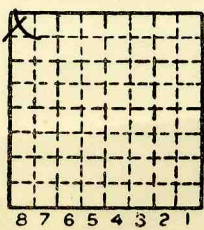
KEY BEDS

Code	Name	Depth	Thk.	Elev.
	<u>#1</u>	<u>60±</u>	<u>72"</u>	

Correlations by basis

Date Quad. 49

County Vermilion Co. No.



Sec. 22

T. 19 N.

R. 12 W.



1822 H8

Mine originally operated by: (1)

Date

1922

Chicago Collieries Co.

Original name or number:

#2

Illinois Coal Report

p.

LATER OPERATORS

Date	Operator	Name or No.
2 1923	Chi. Colls. Co.	#4
3 1925	" "	#4
4 1926	United Electric C.C.	#12
5 idle	1930 v 1931	
6		
7		
8		
9		
10		
11		
12		
13		
14		

\*Also owners

#See ownership sheet

Railroad, Wagon, Strip, Idle, Abandoned

Strip

IDENTIFICATION

1935

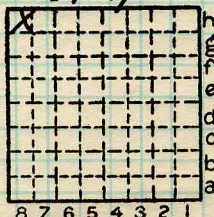
County No. \_\_\_\_\_

Coal No.  7

Coal Report No. \_\_\_\_\_

Quad. 149

County Vermilion



Sec. 22

T. 19 N. ~~S.~~

R. 12 W. ~~E.~~

Index No.

COAL MINE OPERATOR





( Sheets ) COAL PRODUCTION ( Sheet )

Period						Tons	
Mo.	Day	Year	Mo.	Day	Year		
7	1	1921	6	30	1922	✓	15 229
7	1	1922	6	30	1923	✓	108 656
7	1	1923	6	30	1924	✓	163 303
7	1	1924	6	30	1925	✓	124 611
7	1	1925	12	31	1925	✓	102 082
1	1	1926	12	31	1926	✓	128 030
1	1	1927	12	31	1927	✓	152 339
1	1	1928	12	31	1928	✓	163 224
1	1	1929	12	31	1929	✓	57 996
1	1	1930	12	31	1930		(0)
						✓	1 015 470
1	1	1931	12	31	1931		(0)
1	1	1932	12	31	1932	✓	49 974
1	1	1933	12	31	1933	✓	62 753
1	1	1934	12	31	1934	✓	15 961
1	1	1935	12	31	1935		(0)
							128 688

United Electric Chicago Collieries Co

#12 1925

SUMMARIES

No.	to	No.		
7 1	1921	12 31	1930	1 015 470
1 1	1931	12 31	1935	128 688
Total				1 144 158

Railroad, Wagon, Strip, Idle, Abandoned 1934

Sec. 22

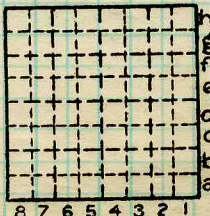
IDENTIFICATION

County No. \_\_\_\_\_ Coal No. \_\_\_\_\_

Coal Report No. \_\_\_\_\_

Quad. Danville

County Vermilion



T. 19 N.  
S.  
R. 12 E.  
W.  
Index No.

1822 H8

COAL MINE—PRODUCTION

ILLINOIS GEOLOGICAL SURVEY, URBANA





Chicago Collieries Co.

Catlin Ill.

Mine # 4. Catlin, Vermilion Co., C. & E. I. T. S.

Strip # 7 72"

Haulage Mules on 36" track

Power Purch. 220 - A.C. 3 water tube  
boilers, small units, 7 pumps

Emp. 60 Daily Cap. 1000 Tons

Sizes - Run of Mine, Slack, Lump.

Prep. Eqpt. Bar Screens.



Twp. 19 N

R. 12

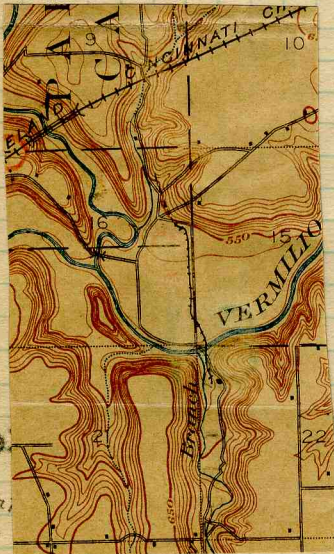
Sec. 22

Operator Chic Collieries Co

Address

Mine name or No. No 4 Strip Pit

R R Big 4  
Drainage  
Area worked



pit has this loc.  
tipple is in sec 10 of  
15 - to the north

Plan (operations nearly straight cut up the  
valley of Butler Branch

Preparation for loading (cleaning surface shooti  
none at present - have apparently been  
flooded - the stripped coal is all coated

Vermilion County

COUNTY NO. 537

Index 1822:08



2  
LOADING

Shovel (make size power source)

*Manion 1 1/4 (ea) dipper*

Operation (Housebacks slips dirt bands)

*none seen*

Haulage (out of pit)  
Cars (type capacity)

*5 Ton pit car*

Loco (capacity cars per trip time per trip)

*steam - 9 per trip*

Dumping (method equipment)

*Tipple not seen*

Conveyor (type)

PREPARATION

Crushing (sizes equipment)

Cleaning (picking tables number men)

Screening (sizes capacity)





3

SHIPPING

Car Loading (sizes loaded method equipmen

Trackage (diagram)

Market (RR carrier rates uses)

STORAGE

EQUIPMENT

Type

Capacity

ADDENDA

Pit has been flooded and was ice-coated when inspected. Strippers not working, loader getting out small amount of coal



4

OVERBURDEN

Method of handling *straight cut up valley*

Drainage (pump equipment) *spoil bank dam against creek -*

Behavior when wet

Area of thick and thin

Variation of coal with thickness

Special features *Narrow valley flat now being worked appears to be limited to ca 10 A but may be twice that if a 55' cover is attempted.*

Thickness (max COAL min av Q sheet)

*Avg 60 ±*

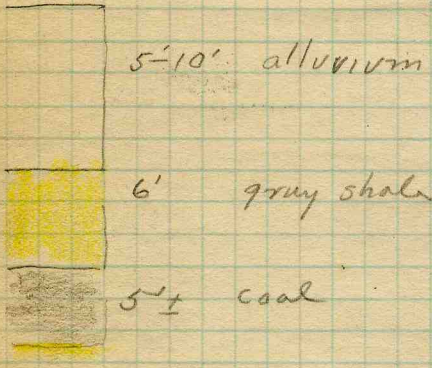
Attitude

Special features (slips horsebacks)



1 div = 2'

GRAPHIC SECTION



FLOOR

Character (refractory material used)





256593

## K. (5) Physical character of Coal,

(a) Relative hardness,

(b) Lustre,

(c) Fracture,

(d) Texture,

See

(6) Impurities in coal, other than bedded, kind, position, persistence, ease of separation, etc. *Pyrite in sheets and balls.*

See

L. Floor: (1) Material, *Fire clay - hard gray shale*(2) Thickness, *3"*(3) Variation, *—*

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

*Clean separation from coal.*

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, *Nicholson*Mine, *United # 12*Co. *Vermilion*Cola: Survey No. *7*Index No. *1022*



Symbol	Description	Inches
[1 division=3 in.]	<p>Oreifying Material had been removed. Usually light gray shale but occasionally a thin layer of dark fossiliferous shale lies directly on coal</p> <p>← Top of section</p>	
	← 1/4" Mother Coal with some clay	
	↗ Partings of Mother Coal 1/4" thick	
	← 1/8" Mother Coal	
	← Parting of Mother coal	
	← Clay Band 1/4" thick (varies 1/4" - 1")	
	<p>← Bottom of Pit Med Gray Fire clay - very firm Clean Coal</p>	
	<p>Fire Clay 10" - 20" } Reported by Pit-boss Coal 3±</p>	

Collector.

Mine. United #14

Co. Vermilion

Coal: Survey No. 7

Index No. 1822

Q.—COAL SECTION SHEET.

NO COAL SAMPLE



Other seams adjacent to #7  
Seam as worked.

Lying 3" below the main  
seam of coal and separated from  
it by fire clay is a 3" seam of  
fair coal. This coal is not  
mined but was exposed by  
digging and in the sumps.  
also the pit boss said that  
another seam of 3+ inches was  
from 10 to 12 inches below that.

United Elec Coal Co #12

Vermilion Extra No 1

1877



INDEX

## Impurities in Coal bed

### (a) Bedded Impurities

- 1 Clay Band 10" above floor  
Persistent and varies from  
 $\frac{1}{4}$  to 1 inch. Average  $\frac{1}{2}$ "  
Clay is mottled and similar  
to #1 Pit of Electric Coal Co.  
No systematic effort is made  
to remove this Material in  
this pit
- 2 The bed is banded and  
has several planes of easy  
severation due to several  
layers of mother coal

It has been found impossible  
at this pit to sort out the clay  
band while loading with steam  
shovel. It breaks into small  
pieces and very little can be  
removed at tippie either.

Collector

United Electric #12 PIT

Index No.

1022

X-

Vermillion

EXTRA NO. 2

County

Vermillion





## (b) Concretions

### 1 Pyrite Nodules

Lenticular masses of pyrite found in coal in upper part of seam. They do not occur in great abundance and cannot be split readily from coal.

### 2 Pyrite lenses

Pyrite lenses up to  $\frac{3}{8}$ " thick and a foot across are also found occasionally between coal laminations and are easily separated from adjacent coal. They are not a conspicuous in an exposure of the coal seam.

Both these impurities are picked out to some extent at the pit and some of the others are removed at cleaning plant.

## (c) Lenticular Clay masses

None observed

(d) Joint fillings - facings

Some white facings - Calcite or gypsum. Very loosely attached to coal and not noticeable in prepared lump.

(f) Interbedded carbonaceous material

None observed

(g) No igneous dikes

(h) None except facings

I Petrifications - None observed

United Elec Coal Co #12

Vermilion Extra No 4

1822



FORM 180 W

Production For: Chicago Colteries Co. No. 4  
United Electric C.C. No. 12

Year                      Production                      Year                      Production

1922	Chicago Colteries Co. No. 4	15,229
1923	Chicago Colteries Co. No. 4	108,656
1924		163,303
1925		226,693
1926	United Electric No. 12	128,030
1927		152,339
1928		163,224
1929		57,996

1,015,470

1932-1934 prod. not included