



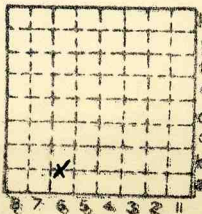
Form 180

UNITED CC

ILL. ZINC #3

Mi.\*358

S-2



Sec. 16

T. 23

R. 1

Index No.





Mine originally operated by: (1) Cahill Coal Co.

Date 1879

Original name or number:  
 Illinois Coal Report p. 1882-1930

LATER OPERATORS

Date	Operator	Name or No.
2 1913	Illinois Zinc Co.	#3
3 July-1938	Peru Deep Vein Coal Co. (See letter from this company - 8/2/38)	#3
4	225 Gooding St. LaSalle	
5	United Coal Co. - Illinois Zinc	#3
6		
7		
8		
9		
10		
11		
12		
13		
14		

\* Also owners #See ownership sheet

1946 OK

Railroad, Wagon, Idle, Abandoned shaft

C.B. & Q. R.R.  
 C.R. & P. R.R. IDENTIFICATION

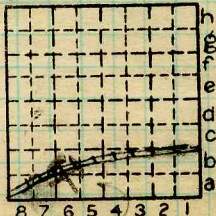
County No.

Coal No. 2

Quad. La Salle

Part 8

County LaSalle



Sec. 16  
 T. 33 N.  
 R. 1 E.

Index No.

1616 26  
 A6

COAL MINE OPERATOR



( Sheets ) COAL PRODUCTION ( Sheet )

No.	Period						Tons	
	Mo.	Day	Year	Mo.	Day	Year		
			1931			1932	109	138
			1932			1933	60	123
			1933			1934	65	048
			1934			1935	38	909
			1935			1936	47	171
2	1	1	1936	12	31	1936	55	134
2	1	1	1937	12	31	1937	50	670
S-2	1	1	1938	12	31	1938	54	638
						1939	52	576
						1940	51	013
S-2	1	1	1941	12	31	1941	53	574
S-2			1942				61	460
			43				59	870
			44				46	444
			45				33	562
			46				27	300
			47				11	976

#2

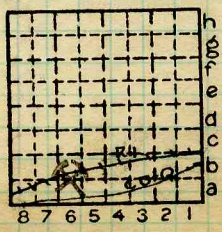
SUMMARIES

No.	to	No.		
1879		1930	3	264 652

Railroad Wagon, Idle, Abandoned

IDENTIFICATION

S-2  
 County No. Coal No. 2  
 La Salle  
 Quad. Part  
 County La Salle



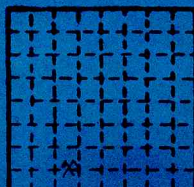
Sec. 16  
 33 N.  
 T. S.  
 R. 1 E.  
 W.  
 Index No.  
 1616 26

Peru Deep Vein C.C. #3

Illinois Zinc Co #3

(Formerly CAHILL C.C.)  
358

Mine Index 358



h	See 16	
g		
f	Z 33	M
e		S.
d		E.
c	R 1	
b		
a	Index No.	

8 7 6 5 4 3 2 1

abc



LOCATION AND ELEVATION

Location: **3** side **Rock Island Railroad** R. R.  
 side R. R.  
 side Highway No.

on top. map Location sheet

Elevation: Method, 1. Est. ( ) \_\_\_\_\_ ft.  
 2. Inst. (kind \_\_\_\_\_) \_\_\_\_\_ ft.

By \_\_\_\_\_ Data sheet

DEPTH

Authority To coal 365 ft.  
 Authority Rail to rail \_\_\_\_\_ ft.  
 Top of coal above rail. (Est. Rule) \_\_\_\_\_ ft.  
 To coal \_\_\_\_\_ ft.

ALTITUDE OF TOP OF COAL

By estimated data \_\_\_\_\_ ft.  
 By instrumental data \_\_\_\_\_ ft.

Thickness

Max. \_\_\_\_\_ in. Min. \_\_\_\_\_ in. Aver. 42 in.

GEOLOGICAL DATA

Mine notes, date 1910 \_\_\_\_\_

Coop No. \_\_\_\_\_ Pyr. inv. \_\_\_\_\_ Coal Ash inv. \_\_\_\_\_

**AUBY #1**

CHEMICAL DATA

Analyses Face	U. I.	B. M.	<b>3</b>	Others
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

**#358**  
 Classification **R.I. 125 U.C.I. 146**

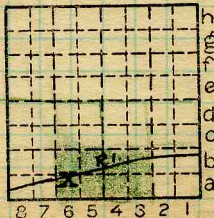
Misc. tests: Coking. \_\_\_\_\_ Cleaning \_\_\_\_\_ Boiler \_\_\_\_\_

Published descriptions:—

Railroad, Wagon, Idle, Abandoned

IDENTIFICATION

County No. \_\_\_\_\_ Coal No.  **2**  
**S-2** Part  
 Quad. **La Salle**  
 County **La Salle**



Sec. **16**  
**33** N.  
 T. **3**  
 R. **1** E.  
 W.  
 Index No.

**1616 ag**

COAL MINE LOCATION AND DATA



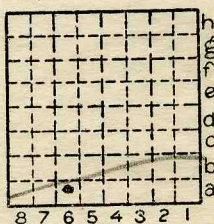
Location and Elevation Data

Location: Exact Approximate
(Approximate only if no trace of record of original exists)
Location by Dept. Mines & Minerals
Date 1938 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
460 feet from South line
1595 feet from West line



Sec. 16
T 33 N.
R 1 E.
W.

Other description: 5-2

Farm
No.
Company Peru Deep Vein Coal Co.
(Was Ill. zinc Co. #3)
No.
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. 7-50-60
Description of item: (drill hole, mine, etc.) Shaft Mine
365' to 3'6"
County LaSalle Quadrangle LaSalle Index No. 1616 a6

ILLINOIS GEOLOGICAL SURVEY, URBANA

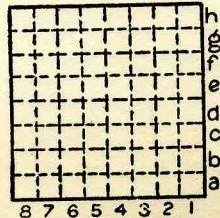
From: Coal Report, 1880-81, p. 174

Cahill Shaft - "This shaft has just been sunk; not mining coal yet."

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

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

County.....LaSalle.....



Sec.	
T.	N.
R.	S.
	E.
	W.

ILLINOIS COAL MINE NOTES

TOWN *Peru* T. 33N R. 1 E S. 16 NE cor SE 1/4 SW 1/4 *Ja Halle* CO. *1616a*  
 COAL BED #2 DATE COLLECTOR  
 OPERATOR *Cabill coal Company* MINE no. 1.  
 HEAD OFFICE *Peru*  
 CAPACITY MARKETS, FRT. *C.R. & P.R.R.*

ENTRANCE *5 hgt 359*

CAGE ENGINES

DRUM

SCREENS

STORAGE

VENTILATION

GAS, SOURCE

COAL THICKNESS, AV. MAX. MIN. ELE. *355. Coal - 4(2)* 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.

*1616a*





COAL MINE NOTES.  
CONTINUED.

1616a

OPERATOR Cahill Coal Co

MINE Cahill.

ENTRANCE

NAME OF COAL BED #2.

ELEVATION

THICKNESS OF COAL

DEPTH TO FLOOR 360' from MAX. 48

MIN. 36

AV. 42

ALTITUDE OF COAL <sup>to landing</sup>

LOCATION OF SECTION First west off north.

No.	SECTION.	In.
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
Tape		Total 40

SECTION	Feet

SAMPLE No.

CAN No. 16 or 91

CONDITION Dry

GROSS WEIGHT 25-30\*

TIME EXPOSED +5

NOT SHIPPED

NOT INCLUDED

PHYSICAL PROPERTIES BY NUMBERS

No sulphur in section sampled - but adjacent there was considerable.

ROOF Soapstone or black slate. (Best coal thought to be under black slate. (concretions in slate))

FLOOR Fireclay or sandy shale.

DIP none.

FAULTS, ETC. none

GAS none

#4068

COLLECTOR G.H. Cady

REFERENCE C.J. Cahill. Supt DATE Dec. 14 '10

1616a



## COAL MINE NOTES.

COUNTY *La Salle.* TOWN *Peru.*T. *33N.* R. *1 E*MAP No. *1616a*S. *16 NW* cor. *SE 1/4 SW 1/4*OPERATOR *Jos. Cahill Estate.*OFFICE *Peru.*MINE *#1*

TIPPLE

ENGINES

BOILERS

DRUM

SHAFT

CAGE

HAULAGE

CARS

VENTILATION

DRAINAGE

SPRINKLING

WORKING SYSTEM

MINING METHODS *A one sided long wall mine.*

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

*1616a*



COAL MINE NOTES.  
CONTINUED.

OPERATOR *James Cahill* MINE *1616a*  
 ENTRANCE *Shaft.* NAME OF COAL BED #2  
 ELEVATION *463 G.H.C.* THICKNESS OF COAL  
 DEPTH TO FLOOR *359* MAX. MIN. AV.  
 ALTITUDE OF COAL  
 LOCATION OF SECTION *1st N off 2nd West straight N.*

No.	SECTION.	In.	SECTION												
1	<i>Gray Soapstone Many feet.</i>		<table border="1"> <tr><th>Feet</th></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table>	Feet											
Feet															
2	<i>Coal</i>	<i>32"</i>	SAMPLE No. <i>G156</i>												
3	<i>Sulphur + bone 1/2 or less.</i>		CAN No.												
4	<i>Coal</i>	<i>9"</i>	CONDITION												
5	<i>Fire Clay - up to 3'</i>		GROSS WEIGHT												
6	<i>Sand rock</i>		TIME EXPOSED												
7			NOT SHIPPED												
8															
9															
10															
11															
12															
Tape		Total	<i>NOT INCLUDED 2, 3 + 4.</i>												

PHYSICAL PROPERTIES BY NUMBERS

*Rather hot in mine.*  
*# 3 is not persistent. Very few places are found without a sulphur streak in some part of the seam. Just under the fire clay is a sandy hard, "rock", which some times is almost next to the coal*

*The greatest problem is the disposal of the clay + slate.*

ROOF

FLOOR

DIP

FAULTS, ETC.

GAS

COLLECTOR *Groat* REFERENCE *N.B.9-P27* DATE *6-25-06*





## INDEX

Illinois Zinc Company mine #3, in Peru, became property of Peru Deep Vein Coal Co. in July of 1938. See letter from latter company of 8-2-38.

Longwall mine. See map 7-50-60.

Wm Bradbury - mine superintendent and vice-president of Peru Deep Vein Coal Co. Wm Buswink, mine manager.

Approx. thickness of coal is 42 inches, per letter above referred to.

Collector C.C. Boley - G.W. Lund - A.E. Sp. Hi

Coal: Survey No.

Mine #3

Co.

Index No.

X.—EXTRA SHEET No.

Leselle

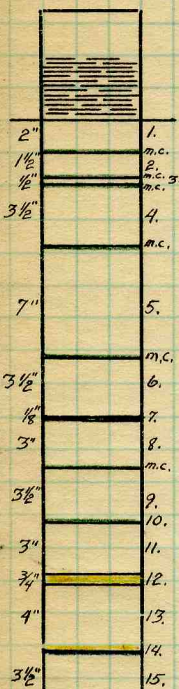
1616. 27





Symbol : Z 21 Description Inches

[1 division=3 in.]



Roof - soapstone, 12' to black slate.  
pyrite streak at base

2"	1.	Coal - 70 %	2	-
1 1/2"	2.	Coal - 70 %	1	1/2
1/2"	3.	Coal - 70 %		1/2
3 1/2"	4.	Coal - 70 %	3	1/2
	5.	Coal - 50 %	7	-
7"	6.	Coal - 40 %	3	1/2
	7.	Mother coal		1/8
3 1/2"	8.	Coal - 40 %	3	-
1/8"	9.	Coal - 40 %	3	1/2
3"	10.	Mother coal, persis.		
	11.	Coal - 40 %	3	-
3 1/2"	12.	Pyrite - 0 - 2 1/2		3/4
3"	13.	Coal - 50 %	4	-
7/4"	14.	Pyritic shale streak		
4"	15.	Coal - 60 %	3	1/2

Floor - hard gray f. c.

Tape - 35 1/2 in.

Collector.  
Mine. Ill. Zinc Co.  
Q.-COAL SECTION SHEET.

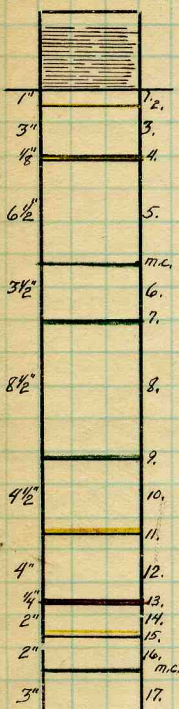
Coal: Survey No.   
Index No. Z21 - 1



Symbol **Z - 22** Description Inches

1 division = 3 in.]

Roof - soapstone, 14' to slate



- |     |                     |       |
|-----|---------------------|-------|
| 1.  | Coal - 60 %         | 1 -   |
| 2.  | Pyrite              | 1/16  |
| 3.  | Coal - 60 %         | 3 -   |
| 4.  | Pyrite, 0 - 1/8 in. | 1/8   |
| 5.  | Coal - 60 %         | 6 1/2 |
| 6.  | Coal - 40 %         | 3 1/2 |
| 7.  | Mother coal         |       |
| 8.  | Coal - 40 %         | 8 1/2 |
| 9.  | Mother coal         | 1/16  |
| 10. | Coal - 40 %         | 4 1/2 |
| 11. | Pyrite, 0 - 1/8 in. | -     |
| 12. | Coal - 40 %         | 4 -   |
| 13. | Bone                | 1/4   |
| 14. | Coal - 40 %         | 2 -   |
| 15. | Sulphur, persistent | 1/16  |
| 16. | Coal - 50 %         | 2 -   |
| 17. | Coal - 50 %         | 3 -   |

Floor - Hard gray fire clay

Tape - 38 in.

Collector.

Mine. Ill. Zinc Co.

Q.-COAL SECTION SHEET.

Coal: Survey No.

Index No. 222 - 2





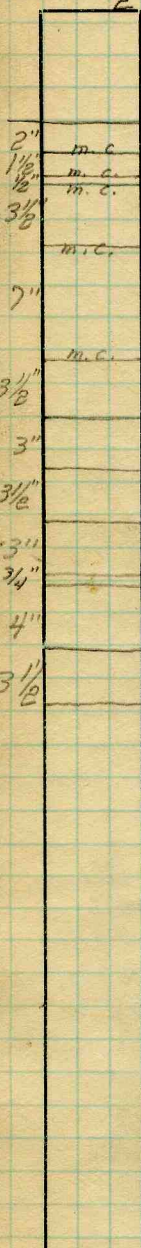


Symbol	Z - 23	Description	Inches
1 division=3 in.]			
Roof - soapstone, 18' to black shale			
7 1/2"	1.	1. Coal - 60 %	7 1/2
		2. Coal - 50 %	2 1/2
		3. Coal - 50 %	4 -
2 1/2"	m.c.	4. Mother coal, 0 - 1/8	1/8
	m.c.	5. Coal - 50 %	3 1/2
4"	3.	6. M. C., 1/8 - 1/2	1/4
1/8"	4.	7. Coal - 60 %	2 -
3 1/2"	5.	8. Coal - 60 %	2 -
1/4"	6.	9. M. C., 3/4 - 1 in.	1 -
2"	7. m.c.	10. Coal - 40 %	1 1/2
2"	8.	11. Coal - 40 %	1/2
1 1/2"	9.	12. Bony coal, includes some sulphur balls	1 -
1/2"	10. m.c.		
1"	11.		
3"	13. m.c.	13. Coal - 40 %	3 -
1 1/2"	14. 15.	14. Coal - 40 %	1 1/2
2"	16. m.c.	15. Pyrite, 0 - 1/4 in.	-
4"	17.	16. Coal - 40 %	2 -
	18.	17. Coal - 40 %	4 -
1 1/2"	19. m.c.	18. Mother coal	1/16
		19. Coal - 50 %	1 1/2
7 1/2"	20.	20. Coal - 50 %	7 1/2
x x x x x x x x x			
Floor - sandy clay			
Tape - 45 in.			



Symbol Z 21. Description Inches

1 division =  $\frac{1}{2}$  in.



Ill. Zinc Co. - I  
 Roof - soapstone  
 12' to bk slate  
 pyrite streak at top.

2"	1		
1 1/2"	2	1. Coal	- 70% gl.
1 1/2"	3	2. "	"
3 1/2"	4	3. "	"
		4. "	"
7"	5	5. "	50% gl.
		6. "	40% gl.
3 1/2"	6	7. Mother coal	
3"	7	8. Coal	- 40% gl.
3"	8	9. "	"
3 1/2"	9	10. M.C. - persistent	
3"	10	11. Coal	- 40% gl.
3/4"	11	12. Pyrite - persistent	0-2 1/2"
3/4"	12	13. Coal	- 50%
4"	13	14. Pyritic shale streak	
4"	14	15. Coal	- 60%
3 1/2"	15		

Floor - hd gr f. c.  
 Tape 35 1/2"

Main South Entry 545 E  
 about 1000' from shaft.



Symbol **Z 22.** Description **Illinois Zinc Co. - II.** Inches

1 division = 3 in.]

			Roof - soapstone 14' to slate
1	1/2	1"	1. Coal - 60%
3'	3/4	1/16"	2. Pyrite
		3"	3. Coal - 60%
6 1/2'	5	1/8"	4. 0-1/8" Pyrite
	m.c.	6 1/2"	5. Coal - 60%
3 1/2'	6 1/2	3 1/2"	6. " - 40%
		1/16"	7. Mother coal
		8 1/2"	8. Coal - 40%
8 1/2'	8	1/16"	9. M.C.
		4 1/2"	10. Coal - 40%
	9		11. 0-1/8" Pyrite
		4"	12. Coal - 40%
4 1/2'	10	1/4"	13. Bone
	11	2"	14. Coal - 40%
4"	12	1/16"	15. Sulphur, persistent
1/4"	13	2"	16. Coal - 50%
2"	14	3"	17. " "
2"	15		
	16 m.c.		
3"	17		

Floor - hd. gr. f.c.  
Tape - 38"

Main S. S 70° W  
1000' from shaft.



Symbol Z 23 Description Inches  
 1 division = 3 in.

Symbol	Description	Inches
	III. Zinc Co. - III	
	Roof - soapstone - 18' topk.sh.	
7 1/2"	1. Coal	- 60%
	2. "	- 50%
	3. "	- "
	4. 0 1/8" M.C.	
2 1/2"	5. Coal	- "
4"	6. M.C. - 1/8" - 1/2"	
	7. Coal	- 60%
3 1/2"	8. "	- "
	9. M.C. - 3/4" - 1"	
2"	10. Coal	- 40%
2"	11. "	- "
1 1/2"	12. Bony coal includes	
2 1/2"	some S balls.	
1"	13. Coal	- 40%
3"	14. "	40%
1 1/2"	15. Pyrite 0 1/4"	
2"	16. Coal	- 40%
4"	17. "	- "
1 1/2"	18. M.C.	
	19. Coal	- 50%
7 1/2"	20. "	- "

Floor - sandy clay bottom

Tap 45"

4th W face 6600'  
 N 20° W from shaft

Collector.

Mine.

Co.

Coal: Survey No.

Index No.

Q.-COAL SECTION SHEET.