



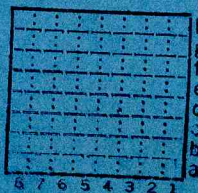
Form 180 Blue

Hegeler Zinc Co.

L-1

County No. 513

mine index 3728



Sec. 30 B5

T.	<i>19</i>	N.
		S.
R.	<i>11</i>	E.
		W.

Index No.



Hegerler Zinc Co., Danville, Illinois
Notes by Cady

Visited mine of Hegerler Zinc Co September 11
1930 with Noe and Clayton Ball to get
plant fossils. Dr Noe reports finding
coal balls in this coal at times. None
were found today.

The coal mined is No.7, about 35 feet
above coal No.6.

Mr Dubois the Superintendent of the
Mines reports that the company has drilled
to coal No. 2 which is a good coal of
workable thickness.

The coal is exceedingly regular. The
mine is beautifully laid out and road
ways are straight and clean. Along the
main haulage way for about 1 mile and
a half no irregularities were noted in
the coal, and except for a weak roof,
mining conditions seem to be about ideal.

The roof of shale extends upward 35
to forty feet to a layer of gravel which
is saturated with water. The mine is
laid out on the panel system. Each panel
is driven to the boundary and then the
rooms turned off and the panel worked out
as rapidly as possible before the roof
weakens and lets the water in. As soon
as the panel is finished it is sealed
with a concrete seal so that no water
can get out. The concrete arch is made
slightly smaller than the kees hole to
be closed and fire clay thrown in behind.
This swells when it comes in contact with
the water and makes a perfect seal.

~~COPY NO. 50~~



Hegeler Zinc Co Mine Danville

This swelling of the fire clay is noteworthy in connection with the phenomena associated with horsebacks.

~~This~~ This coal is overlain by regularly lying gray shale. It contains no plant fossils as does the shale above coal No. 6. Dr Noe says that this is because the shale is marine. Clayton Ball found some pecten like shells in the shale which confirms the idea that the shale is marine. The noteworthy phenomena displayed in this mine is the rather numerous remains of tree trunks that extend from the coal upward into the coal-shale. These are identified by a ring of coal representing the original bark surrounding a clayey matrix, representing the original hollow portion of the tree. One example was seen of a tree about 14 to 15 inches in diameter the interior represented by a plug of clay resting immediately upon the underlying upper layer of the coal bed. The ~~##~~ relationships are scarcely believable if they had not been seen. No evidence of roots extending out from the trunk was seen but presumably they had been incorporated in the coal bed and would be indistinguishable. Some of the trunks observed were several feet in diameter.

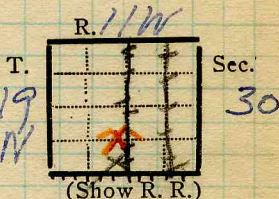
This is a very remarkable occurrence.



Town, Danville
 Local Authority, 2d Pt. Westville
 Level: Auth.,
 Method,

Surface alt., 652 ft.
 Depth to coal, 106 ft.
 Alt. top coal, 546 ft.
 Thickness: Av. 68 in.
 Max. in., Min. in.

R. R., C.C.C. & St. L.; C. & E. 9.



Location: authority, Dept Mines & Minerals

Aver 9 (1916 -) Operator

Mine Name or No.

✓ 1926 Hegeler Zinc Co ?
Drawer 599, Danville, Ill

Successor to

Date

Succeeded by

Date

Succeeded by

Date

Hegeler Coal Operating Co.

Captain

PRODUCTION.

								U. S. No.
1926	<u>Daily Cap. approx.</u>	<u>500 Tons.</u>						
27	<u>- 0 -</u>							
	<u>100' to 68" #7 coal shaft mine</u>							<u>1930 #5</u>

Geol. Notes?

Coop. No.

Coal secs?

Analyses No.

3 #5

Examined by

Ref.

Coal bed name: Local **LOCAL MINE**

Survey No. 6

County Vermilion

Index No. 1730, 42

→ K. - ACTIVE SHIPPING OR LOCAL COAL MINE.

Captain 0 (9019-1M-7-18)



Location and Elevation Data

Location: Exact Approximate
 (Approximate only if no trace of record of original exists)
 Location by Mine map in Coal Div. files + W.P.A. Photostat map
 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
 ✓ 1065 feet from South line
2140 feet from West line

opened 1919
Abandoned 1941

L-1

Other description: No. 7 coal

Location of Hoisting shaft.

100' to 5'8" of No. 7 coal

Aven # 9

W.P.A. photostat ext. 7-1-38 (OK in sec. 30) County No. 513

Mine map - Ext. June 8, 1940 - map in Coal Div. files

Elevation 652 ft.

By Elev. in mine notes

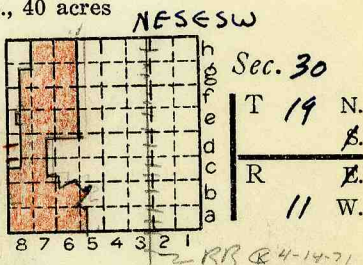
Method: Level, transit, alidade, hand level

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

Map files No. _____

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

County Vermilion Quadrangle Danville Index No. 1730B5



Farm _____
 No. _____
 Company Hegeler Zinc Co.



Location and Elevation Data

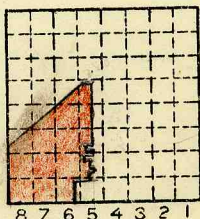
Location: Exact Approximate
 (Approximate only if no trace of record of original exists)

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. 19
 T 19 N.
 R E.
 // W.

Other description:.....

Farm.....

No.....

Company.....

Hegeler Linc Co.

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.....

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

County

Quadrangle

Index No. (1730 B5)



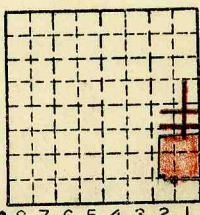
Location and Elevation Data

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. 25
T 19 N.
R 12 W.

Coal practically level according to mine map - rises 15' from bott-to-top Sec. 30.
Other description: No. 7 Coal - Av. 58" Farm.....

Mined out area in Sec. 25 part of which was removed since W.P.A. m.o.a. map was made. Use Photo stat for m.o.a. in Sec. 30
No.....
Company Hegeler Zinc Co.
(Mined out area)
County No.....

Mine map in Coal Div. files Ext. June 8, 1940
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.) Part of mine workings of Hegeler mine
County Vermilion Quadrangle Danville Index No. (173085)
(50167-5M-2-38) 2 loc. of shaft



Mine originally owned by: (1) **HEGELER ZINC Co.**

Date
1919

Authority

LATER OWNERS

Date

Owner

2 **1937 HEGELER COAL OPERATING Co.**

Authority

3 **1938 HEGELER ZINC Co.**

Authority

4

Authority

5

Authority

6

Authority

7

Authority

8

Authority

9

Authority

Railroad, Wagon, Idle, Abandoned

CAPTIVE MINE 1941

IDENTIFICATION

County No. **513**

Coal No.

L-1

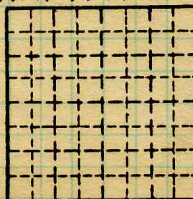
7

Quad. **DANVILLE**

Part

County **VERMILION**

SHAFTMINE



Sec. **30**

T. **19 N.**

R. **11 W.**

Index No.

1730B5

COAL MINE OPERATOR



(Sheets)

COAL PRODUCTION

(Sheet)

Period				Tons	
Mo.	Day	Year	Mo.	Day	Year
				19	19
				19	20
				19	21
				19	22
				19	23
July 1, 1924			June 30	19	24
JULY 1, 1925			Dec. 31	19	25
				19	26
				19	27
				19	28
				19	29
				19	30
				19	31
				19	32
				19	33
				19	34
				19	35
				19	36
				19	37
				19	38
				19	39
				19	40
				19	41

RBD

SUMMARIES

No.	to	No.	
1919		1940	1690788

Railroad, Wagon, Strip, Idle, Abandoned

Captive Mine

IDENTIFICATION

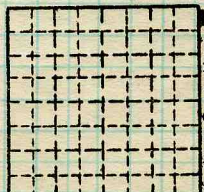
County No. 513
Coal Report No. L-1

Coal No.

7

Quad. DANVILLE
County VERMILION

SHAFT MINE Sec. 30



T. 19 N.
R. 11 W.
Index No.

1730 B5

COAL MINE—PRODUCTION

ILLINOIS GEOLOGICAL SURVEY, URBANA