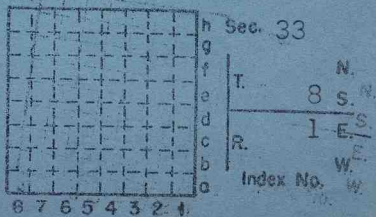


Carterville Mining Co., #3

M. I. 812

Co. # 453



✓ Williamson

JD
See loc. sheet

Location sheet calls this:

"New Ohio Washed Coal Co.

No. 3, Old Fredonia Mine"

Source unknown

History of the mine is probably uncertain.

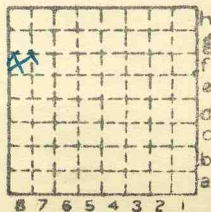
mtl, 12/57.

#3 closed in 1909/10

Carterville Mc

mtl 8/12

453



Sec. 33

T. 8 N. S.

R. 1 E. W.

Index No.



Mine originally operated by: (1)

Carterville Mining Co.

Date

operated since '06 or earlier

closed in 1909/10

Original name or number: #3

Illinois Coal Report

p.

LATER OPERATORS

Date

Operator

Name or No.

2 New Ohio Washed Coal Co.

3

4

5

6

7

8

9

10

11

12

13

14

* Also owners

#See ownership sheet

Railroad, Wagon, Idle, Abandoned

Before 1930

SHIPPING MINE

IDENTIFICATION

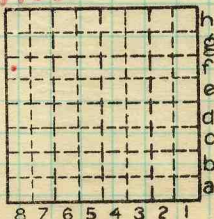
County No. 453

Coal No. 6

Quad. Herrin

Part

County Williamson



Sec. 33

T. 8 S.

R. 1 E.

Index No.

0433 p

COAL MINE OPERATOR



LOCATION AND ELEVATION

Location: side R. R.
side R. R.
side Highway No.

on top. map Location sheet

Elevation: Method, 1. Est. () ft.
2. Inst. (kind Hand Level) 451 ft.

By Mine Notes NB120 p.16 Data sheet

DEPTH NB89 p.13

Authority To coal ft.

Authority Rail to rail ft.

Top of coal above rail. (Est. Rule) ft.

To coal 60 ft.

ALTITUDE OF TOP OF COAL

By estimated data

By instrumental data

391 ft.

Thickness

Max. in. Min. in. Aver. 99 in.

GEOLOGICAL DATA

Mine notes, date

Coop No. Pyr. inv. Coal Ash inv.

CHEMICAL DATA

Analyses Face U. I. 1805-6 B. M. 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

Classification

Misc. tests: Coking. Cleaning Boiler

Published descriptions:-

Railroad, Wagon, Idle, Abandoned

IDENTIFICATION

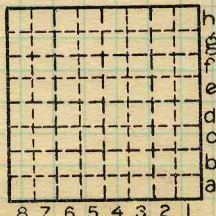
County No. 453

Coal No. 6



Part

Quad. Herrin
County Williamson



Sec. 33

T. 8 S.

R. 1 E.

Index No. 0433 f8

COAL MINE LOCATION AND DATA



COAL MINE NOTES.

COUNTY *Williamson*

TOWN *Cambria.*

MAP No. **0133**

T. *85*

R. *1 E*

S. *33 N W 1/4*

0433

OPERATOR *Carterville Mining Co.*

OFFICE *Carterville Ill.*

MINE *#3 (old Fredonia #3).*

TIPPLE

ENGINES

BOILERS

DRUM

SHAFT

CAGE

HAULAGE

CARS

VENTILATION

DRAINAGE

SPRINKLING

WORKING SYSTEM

MINING METHODS *Hand mined.*

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

0433

COST OF LAND OWNED

LEASED

HELD IN FEE

ADDITIONAL NOTES



COAL MINE NOTES.
CONTINUED.

OPERATOR *Carterville Mining Co.* MINE # *3.* 0433
 ENTRANCE *Shaft.* NAME OF COAL BED
 ELEVATION *451* THICKNESS OF COAL
 DEPTH TO FLOOR *69* MAX. MIN. AV.
 ALTITUDE OF COAL *382*
 LOCATION OF SECTION *Room 4, 3rd North off main East.*

No.	SECTION.	In.	SECTION
1	<i>Gray shale many feet.</i>		SAMPLE No.
2	<i>Coal (Top soft)</i>	<i>20</i>	
3	<i>Coal</i>	<i>63</i>	CAN No.
4	<i>Blue Band</i>	<i>1 1/2</i>	
5	<i>Coal</i>	<i>27</i>	CONDITION
6	<i>Fire clay 2' to 3'</i>		GROSS WEIGHT
7			TIME EXPOSED
8			NOT SHIPPED
9			
10			
11			
12			
Tape		Total	

~~NO~~ INCLUDED *2, 3, 5*

PHYSICAL PROPERTIES BY NUMBERS

Sample was taken from a room that has not been worked for 3 years.
This is the mine that made the reputation for Carterville Coal

ROOF *Top coal left for roof drawn when room is worked out.*
Blackslate and Ls lie above the coal and occasionally cut out the
 FLOOR *gray shale according to report.*

DIP
 FAULTS, ETC. *No faults.*
 GAS

COLLECTOR *Groat Savage* REFERENCE *N.B. 7. P 75* DATE *6-1-06*
" 89 " 13

0433
0133*

From T. E. Savage notebook 89:

1908

Carterville Mining Co., Mine # 3 Co. # 453

NW $\frac{1}{4}$ sec. 33, T8S, R1E, Williamson Co.
 $\frac{1}{4}$ mile E. of Cambria

Sec - Yellow clay - 26 ft.
 Black Shale - 3 ft.
 Gray shale - 31 ft ?

Altitude of top of shaft - 451 ft.

Beds dip north about 1%

Coal No. 7

Dip northeast about 1 $\frac{1}{2}$ %

Roof - 22 inch top coal

Gray shale -

Fire clay floor - 6"- 3"

Tends to squeeze where fireclay is thickest.

Depth of shaft 69 ft.

Room and pillar - pillars pulled and top coal taken when rooms are worked out

Rooms 20' X 250'

Entrys 10' - 40' pillar along main entrys and 20' pillar along cross entrys.

Timbering - prop about 3 ft. 2 rows in each room - 10 tons [sic] to prop.

Break through pillars and get what can.

Shoot from solid entirely.

Hand power -

Explosive - black powder

Egyptian 77 [sic]

Mine haulage - mule and rope. Tail rope $\frac{1}{2}$ mile.

Hoist by steam and drum.

Williamson

33 - 85 - 1E

Carterville Mining Co., Mine # 3 cont

Ventelation fan - no gas or dust.

Drainage ditches, sumps and pumps, 3. 4" discharge. Two of these run both night and day and the one in day time.

Sizes - Egg 12%

Egg 3" lump and 6" lump

Lump 34% lump

Scr. Screenings washed at mine # 2.

About 54% of the coal washed.

Screens bar with 6" & 3" spaces.

Slate band 2" picked out by hand .

Uses steam and domestic markets, I.C.R. R. mostly and Southern Coal Co., Memphis, Tenn.

Screenings billed to Wilson Washer Co. at Herrin

About 1/3 of coal left in the mine as unpulled pillars, top coal lost & per [sic] Mr. Geo.

McMath, for log of shafts & C. Supt. of Co.

Co. pays royalty of 3 $\frac{1}{2}$ ¢ per ton

From bottom 23 $\frac{1}{2}$ " to clay band of 1 $\frac{1}{2}$ " , above this is 60" bf coal that is worked. There is here left for roof about 22". Above roof coal is about 1 - 2' of dark colored shale - this is often absent - and above this black shale - is gray shale 5'+.

Fireclay = 12" - below which is limestone.

Ave. - thickness 9'

Sample (can 499) from room 3 on 2nd west cleat NW-SE

Another sample from same mine (can 17) came from room 1, 2nd east. At this latter place:

from the bottom of the coal is 22" to shale band which is 2" thick, above this band is 66" of

Carterville Mining Co., Mine # 3 cont

coal worked, and about 18" left in the roof.

A lens of mother coal 51" long and 4" wide occurs 27" from the top. Such lenses are rare.

Williamson

33-93-1E