

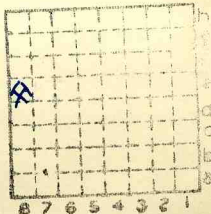


Form 180

also notes on
South Valley Co.

m Index 772
S. Pountain CC

Co. No. 7



Sec.	24
T.	18
R.	7
Index No.	





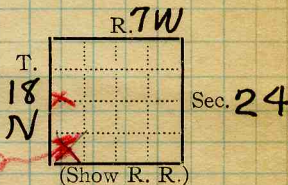
Town, **Petersburg**
 Local Authority,

Surface alt., **550 Est.** ft.
 Depth to coal, **80** ft.
 Alt. top coal, **470** ft.
 Thickness: Av. **72** in.
 Max. **84** in., Min. **66** in.

Level: Auth., **Mine notes**

Method,

R. R.,



Location: authority,

Operator

Mine Name or No.

19 **South Mountain Coal Co. No. 1. S. Mt.**

Successor to

Date

Succeeded by

Date

Succeeded by

Date

PRODUCTION.

							U. S. No.
19	1896-1917	Total prod.	-	538,732			

Geol. Notes? **Yes** Coop. No.

Coal secs? **Yes**

Analyses No. **2783**

*OK
 LOC shown
 in book*

Examined by

Ref.

Coal bed name: Local

SHIPPING MINE

Survey No.

County **Menard**

Index No. **0629.11**

K.—ACTIVE SHIPPING OR LOCAL COAL MINE.



Location and Elevation Data

Location: Exact ~~Approximate~~

(Approximate only if no trace or record of original exists)

Location by W. B. Roe

Date 5-4-31 Notebook No. 602 Page 37-345

Looseleaf ref.

Map files No. 10-65-2

Description of location

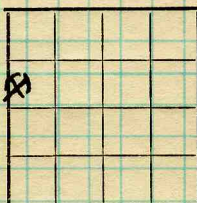
Position in sec., 1/4 sec., 40 acres

..... feet from North line

..... feet from East line

..... feet from South line

..... feet from West line



Sec. 24

T. 18 N.

R. 7 W.

Farm

No.

Company

No.

County No. 7

Other description:

MN 1909

South Mtn. Mine

Elevation 510.3 ft.

By W. B. Roe

Method: Level, transit, alidade, hand level

Alidade

Elevation of Ground surface

Height of point above ground 0

Date 5-4-31 Notebook 602 P. 37-345

Looseleaf ref.

Map files No. 10-65-2

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

SHIPPING MINE

County Menard

Quadrangle Tullula

Index No. 0624



COAL MINE NOTES.

310224
0624

COUNTY Merrard TOWN Petersburg MAP No. S. 24 SW 1/4 NW 1/4
T. 18 N R. 7 W

OPERATOR South Mountain Coal Co.

OFFICE Petersburg

MINE #1 South Mountain.

TIPPLE Wooden

ENGINES Rebuilt.

BOILERS 2 tubular

DRUM 47.

SHAFT See Slope CAGE

HAULAGE mules

CARS Wooden 1 ton

VENTILATION Crawford MacCrumen, reversible 12' diam.
25,300 c.f.t. air per minute.

DRAINAGE Handled out in tanks, very little.

SPRINKLING about once a day.

WORKING SYSTEM Room & pillar.

MINING METHODS Shot off solid.

SIZE OF ENTRIES—MAIN 10' CROSS 10' ROOM 25' x 20' NECK square

SIZE OF PILLARS—MAIN CROSS ROOM

SHAFT CHAIN BARRIER

AMOUNT OF TIMBERING along entry 2-3' SIZE 6'-8'

PROPORTION OF COAL UTILIZED about 60%

AMOUNT AND CHARACTER OF WASTE about 40% left as pillars and barriers.

ACREAGE OF COAL MINED 760 acres.

ACREAGE OF COAL REMAINING 290 acres.

PROPORTION OF MINE RUN AND SCREENED COAL

METHOD OF SIZING 3/4", diamond RESCREENED

SIZES 3/4" 2" 3"
PER CENT 35% 65%

PROPORTION AND SIZE OF WASHED COAL

DAILY OUTPUT about 240 tons

UTILIZATION Domestic & steam

MARKETS Local, Illinois & Wisconsin

FREIGHT RATES

SELLING PRICES AT MINE Local 2⁵⁰ Ton.

COAL LAND OWNED 450 LEASED HELD IN FEE

COST OF LAND OWNED \$100 LEASED HELD IN FEE

ADDITIONAL NOTES

106224
0624



COAL MINE NOTES.
CONTINUED.

0624
7-27-24

OPERATOR *South Mountain Coal Co* MINE # *1*
 ENTRANCE *slope* NAME OF COAL BED # *5*
 ELEVATION *550* Est. *9m* THICKNESS OF COAL
 DEPTH TO FLOOR *86'* MAX. *84"* MIN. *66"* AV. *72"*
 ALTITUDE OF COAL *464*
 LOCATION OF SECTION *1st off 7th East about 2600' from*

No.	SECTION.	In.	SECTION	Feet
1	<i>sh</i>	<i>+</i>	SAMPLE No. <i>U 427</i>	
2	<i>coal</i>	<i>16</i>	CAN No. <i>84</i>	
3	<i>sulfur</i>	<i>1/8</i>	CONDITION <i>dry</i>	
4	<i>coal</i>	<i>11</i>	GROSS WEIGHT <i>35 lbs</i>	
5	<i>mother coal</i>	<i>1</i>	TIME EXPOSED <i>1 1/2 hr</i>	
6	<i>coal</i>	<i>7</i>	NOT SHIPPED <input checked="" type="checkbox"/>	
7	<i>sulfur</i>	<i>1/8</i>	NOT INCLUDED <input checked="" type="checkbox"/>	
8	<i>coal</i>	<i>18</i>		
9	<i>sulfur</i>	<i>1/8</i>		
10	<i>coal</i>	<i>18 1/2</i>		
11	<i>s.c.</i>	<i>+</i>		
12	<i>Tape 7 1/4"</i>	<i>Total 72 1/8</i>		

PHYSICAL PROPERTIES BY NUMBERS

ROOF *sh 18"-6' to 0-2 1/2"*
 FLOOR *F.R. 6' ± Pyrite boulders below s.c.*
 DIP *to SE amount very slight.*
 FAULTS, ETC. *numerous clay veins.*
 GAS *None*

ILLINOIS GEOLOGICAL SURVEY, URBANA

South Mountain Coal Company:

(Phone message to Lee Dondanville, Springfield, Ill. Ph. Kingswood 4-5706

Mine opened as a shaft mine and first reported under name indicated in 1883 with rated capacity of 20,000 tons per year. See note below. *South Valley Co.*

Mine was reported in 1897 Coal Report to have been drowned out in 1897 and a slope was sunk into the mine and the mine was reopened. Although a South Mountain Coal Co. operated in 1883, record of ownership could not be traced to 1895. Field notes in IGS files prepared in 1909 give the following information:

"No. 5 Coal mined ranged from 66" to 84" with average of 6 feet. Face was described in 1st South off 7th East entry about 2600 feet from slope.

Depth to coal reported as 86n feet to floor.

Mine property reportedly included 450 acres of which 190 acres was mined.

Elevation of ground at slope was surveyed in 1931 as 510 feet. Some question on elevation because mine had been abandoned for 13 years at that time.

1909 field notes reported mine at SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 24. JAS believes this location is in error and that the correct location is SW $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$; i.e. location surveyed in 1931. Topographic map does not indicate probability of a mine as indicated by first location whereas surveyed location (made after detailed maps were available) is undoubtedly correct.

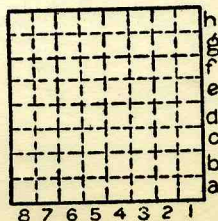
Abandoned during 1917.

Production = 538,732 tons 1896-1917

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

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

County Menard Co. No. 7



Sec. 24	
T.	18 N.
	S.
R.	E.
	7 W.

ILLINOIS COAL MINE NOTES

Menard

TOWN T. 18 R. 7 S.
 COAL BED DATE COLLECTOR
 OPERATOR *South Mountain Coal Co* MINE
 HEAD OFFICE
 CAPACITY MARKETS, FRT.
 ENTRANCE *Shaft*
 CAGE ENGINES

SCREENS

DRUM

STORAGE

VENTILATION

GAS, SOURCE

COAL THICKNESS, AV. MAX. MIN. ELE. *520 coal 436* 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.

0624

Co. No. 71