

247



Form 180 Blue

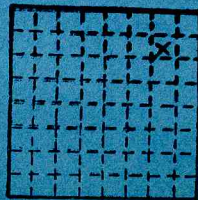
*See section 28. It is
air shaft for this.*

Standard Oil Co. #1

Mi. #187

247

Mine Index 187



Sec. 28
 T. 10 N.
 R. 7 E.
 Index No. W.
 1021 62



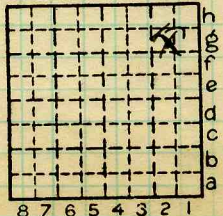
(Sheets) COAL PRODUCTION (Sheet)

Period						Tons
Mo.	Day	Year	Mo.	Day	Year	
1929 (Idle)						
Listed as idle in coal reports until 1939.						
reported abandoned - 1939						

SUMMARIES			Tons
No.	to	No.	

Railroad, Wagon, Idle, Abandoned
IDENTIFICATION

County No. 247 Coal No.
Quad. 191 Part 8
County Macoupin



Sec. 21
T. 10 N.
R. 7 W.
Index No.

COAL MINE—PRODUCTION

1021.20



Mine originally operated by: (1) *Standard Oil Co* #1
Date *1918* *Carlinville.*

Original name or number: ~~XXXXXXXXXX~~
Illinois Coal Report p.

LATER OPERATORS

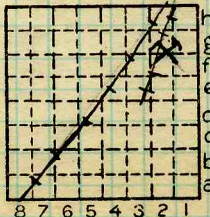
Date	Operator	Name or No.
2	<i>closed 1925.</i>	
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		

* Also owners # See ownership sheet

Railroad, Wagon, Idle, Abandoned

SHIPPING MINE IDENTIFICATION

County No. *247* Coal No.
Quad. *191* Part *8*



Sec. *21*
T. *10* N.
R. *7* W.
Index No.

County *Macoupin*
COAL MINE OPERATOR

1021.2g



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 PT) _____) 630.4 ft.

By PSM Data sheet

DEPTH

Authority To coal _____ ft.
 Authority Rail to rail _____ ft.
 Top of coal above rail. (Est. Rule) _____ ft.
 To coal 294 ft.

ALTITUDE OF TOP OF COAL

By estimated data _____
 By instrumental data _____

336 ft.

Thickness

Max. in. Min. in. Aver. 78 in.

GEOLOGICAL DATA

Mine notes, date _____

Coop No. 187 Pyr. inv. Coal Ash inv.

CHEMICAL DATA

Analyses Face	U. I.	B. M. <u>81332-3-4-5</u>	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. 247

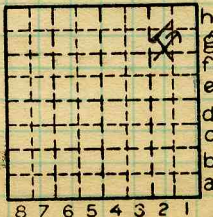
Coal No.

Quad. 191

Part 8

County

Macoupin



Sec. 21

T. 10 N.

R. 7 W.

Index No.

1021.28

COAL MINE LOCATION AND DATA

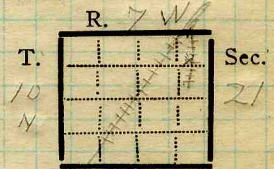


Town, *Carlisleville.*
Local Authority, *Mr. Cerar*
Mr Emerick
Level: Auth.,

Surface alt., ft.
Depth to coal, *294* ft.
Alt. top coal, ft.
Thickness: Av. *78* in.
Max. *96* in., Min. *30* in.

Method,

R. R.,
C & A.
Location: authority,
Mine Map



(Show R. R.)

Operator

Mine Name or No.

1921 *Standard Oil Co. No 1*

Successor to
Date
Succeeded by
Date
Succeeded by
Date

PRODUCTION.

							U. S. No.
1921	2400 tons,						
		<i>Ernest Nifong</i>		<i>Engn</i>			

Geol. Notes? *Yes* Coop. No. Coal sec? *3*
Analyses No.

Examined by *Netzeband & Thurston* Ref. *Looseleaf*

Coal bed name: Local **SHIPPING MINE** Survey No. *6*

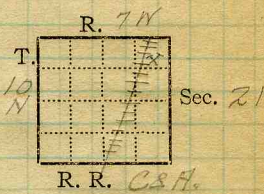
County *Macoupin* Index No. *1021-87* ✓

K.-ACTIVE SHIPPING OR LOCAL COAL MINE.

247



Mine Name or No., *No. 1*
2 mile *N.E.* from *Carlinsville*
 Operator, 19*11* *Standard Oil Co. (Indiana)*
 Operator, 19*1*



Entrance, *shaft* Elev., ft. { above,
 Depth to ~~bottom~~ coal, *494* ft. Alt. below,
 SURFACE DATA.

- A. Topography, *Rolling* See
 B. Surficial materials. (1) Character, *Till*
 (2) Thickness, *No information* (3) Effect on mining and shaft-sinking, of former drainage lines, underground water strata, etc. *No information*

- C. Outcrops, (1) Character, See
 (2) Structure, See
 (3) Fossil horizons, See
 Collection No.,
 (4) Evidences of subsidence, See
 D. Note collection of mine maps, drill records and shaft logs.

See drill record sheet,

E. Notes on surrounding area,

See

Coal bed name: Local, Survey No. *6*
 Collector, *Netzeband*
 Mine, *Standard Oil #1* Co. *Macoupin* Index No. *1021.87*
 L.—SURFACE SHEET (Geol.) *#247*



(5) Physical character of coal in benches,

- (a) Relative hardness, *Same as Staunton area.*
- (b) Lustre, *Top & bottom bright predominating, middle dull*
- (c) Fracture, *Blocky at top, rest hackly*
- (d) Texture, *Laminated* See XI
- (6) Impurities in coal, other than bedded,
 - (a) Kind, *Pyrite bands & lenses, ^{gypsum} Calcite fracture fillings*
 - (b) Position and persistence, *Calcite or gyp. throat coal vertically & laterally, pyrite - same.*
 - (c) Rejected, *Large pyrite lenses* Ease of separation, *Break free.* See

Floor: (1) Material, *Floor clay* Is. below.

- (2) Thickness, *2" - 5" Max. unknown*
- (3) Variation,

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

Soft, light grey, crumbly clay; used to undercut upon. Clay has many slickensided surfaces and black, carbonaceous fragments.

Heaves very badly in abandoned rooms. Many squeezes where rooms are driven wide under rock top. Had one squeeze come up 4' in about 8 hours. Squeeze about 400' long. See

- (5) Clay sample No. Location,

M. Stratigraphy,

- (1) Fossiliferous horizons underground, *2nd limestone*

Collection No.

Location,

N. Notes on effect of deep drilling in coal mine areas.

See

Collector, *Metzgerband* Coal: Survey No. 6

Mine, *Standard Oil #1 Co. Macoupin* Index No. *1021.87*



INDEX

(36713-500-7-20)

L2
e
K3

The contact of the coal with the roof shale is very irregular having a relief of as much as 2" in some places altho the usual relief is about 3-4". The roof shale has apparently been laid down on an erosion surface which has cut into the coal. The coal has many small slips in it especially where the roof comes down into it very deeply. There are no noticeable displacements in the coal and the slips are of short duration. It is possible that these slips are the result of the readjustment necessitated by the extra load of shale & limestone put on the coal in the deeply eroded places.

The motors from the west have the grade in favor of the load all the way in while the motors of the east must pull upgrade all the way. This would indicate a general easterly dip of the coal. There are many local hills and swags but there is no regularity in their direction.

K5c

Cleat in N.W. 552W, 531E.
Cleat is not well developed in the east but can be easily measured in the west.

Collector

Netzo band

Index No.

1021.87

X-1 #247 EXTRA NO. 1

County

Macoupin



INDEX

(36713-500-7-20)

I The immediate roof is massive black shale, sometimes becoming dark gray shale. In some places the top 3" or 4" is crumbly and is called clod by the miners. The black shale, ^{slate}, is from 3" to 5' in thickness. Its contact with the coal is uneven.

H Above the shale is a thin limestone, from 2"-10" in thickness. This forms the roof in some places. It has a very uneven lower contact, having a vertical variation of 10' in 30' distance. It extends or projects down into the coal in some places, having only a few inches of dark shale between it and the coal. The ls. is compact, subcrystalline, and fossiliferous.

G Above the ls. is a greenish gray and brown shale, ^{thicker} soft, crumbly, with little evidence of bedding. Where the ls. breaks, (which is most places) this shale which the miners call soapstone or other uncomplimentary names falls also, either at the same time or later.

Above the shale is another limestone. This forms the roof ^{over} a part of the mine and is an excellent roof.

The roof in the S.W.N.W. sections, and right at the face is usually from 12"-18" of top coal. Where this can be held, it makes a satisfactory roof. However in places this is full of slips and will fall. The lower limestone makes a satisfactory roof in only a few places. Usually, it and the shale above it falls, making an expensive hauling, of "dirt" or rock from the entries, or expensive "I" beams necessary to hold it up.

Collector Thurston

X-2 #247

EXTRA NO. 2

Index No. 1021.87

County Macoupin



Operator, *Standard Oil Co (Indiana)* Date *Sept. 2, 1927*
 Mine, *No. 1* Sec. *21* T. *10N* R. *7W.*
 Location in mine, *Room 14, 1st F. off 4th S.E.*

GRAPHIC SECTION		DESCRIPTION OF SECTION (AT POINT SAMPLED)	
In.	No.	No. (Note character and thickness of roof)	Inches
		<i>Black shale</i>	
		<i>1 Coal (left as roof)</i>	<i>12" App.</i>
		<i>2 Coal calcite f.f.</i>	<i>11 3/4</i>
		<i>3 Pyrite lens</i>	<i>1/4</i>
		<i>4 Coal</i>	<i>7</i>
		<i>5 Pyrite band</i>	<i>1/4</i>
		<i>6 Coal</i>	<i>20 1/4</i>
		<i>7 Pyrite band</i>	<i>1/2</i>
		<i>8 Coal</i>	<i>6 1/4</i>
		<i>9 Gray shale B.B.</i>	<i>3/4</i>
		<i>10 Coal</i>	<i>7 1/4</i>
		<i>11 Shale lens</i>	<i>1/4</i>
		<i>12 Coal</i>	<i>15 1/2</i>
		<i>Tap</i>	<i>70 1/4</i>
(Note character and thickness of floor)			
Total thickness of coal.			<i>70 1/4</i>
Condition, <i>Dry, fresh</i>		Time, <i>4</i> hr. <i>4</i> min.	<i>12 37</i> <i>8:33</i>
Wt. Gross, <i>31</i> lbs.		Net, lbs.	
What Nos. shipped by Co.?			
Excluded from sample: No. <i>179</i>			
Sample represents <i>56 3/4</i> in.		tons.	
Impurities? How do they occur? <i>Pyrite stringers</i>			
<i>calcite or gypsum f.f. above B.B.</i>			

(1 division = 3 in.)

Sample No. *T-21-37* Can No. *1297* Lab. No. *81332*

Collector, *Thorston* Coal: Survey No.

Mine, *Standard Oil #1* Co. *Macoupin* Index No. *1021.87*

R.—COAL SAMPLE SHEET.

#247



Operator, *Standard Oil Co (Indiana)* Date *Sept. 2, 1921*
 Mine, *No. 1* Sec. *21* T. *10 N* R. *7 W*
 Location in mine, *Crosscut between 7th & 8th NW.*

GRAPHIC SECTION		DESCRIPTION OF SECTION (AT POINT SAMPLED)	
In.	No.	No.	(Note character and thickness of roof) Inches
			<i>Black shale</i>
			<i>1 Coal (left as roof) App. 18"</i>
			<i>2 Coal 4 3/4</i>
			<i>3 Pyritic band 1/8</i>
			<i>4 Coal 6 3/4</i>
			<i>5 Shale & pyrite band 3/4</i>
			<i>6 Coal 5 3/4</i>
			<i>7 Pyrite lens 1/4</i>
			<i>8 Coal 6 1/4</i>
			<i>9 Charcoal band 3/4</i>
			<i>10 Coal 18 1/2</i>
			<i>11 Gray shale with pyrite lenses B.B. 1 1/2</i>
			<i>12 Coal 2 1/4</i>
			<i>13 Pyrite lens 1/4</i>
			<i>14 Coal 19</i>
			<i>Tape 66 1/2</i>
			<i>Soft, light gray flour clay</i>
			(Note character and thickness of floor)
			Total thickness of coal. <i>66 7/8</i>
			<i>1261</i>
			Condition, <i>Damp, fresh</i> Time, <i>2</i> hr. <i>35</i> min. <i>10126</i>
			Wt. Gross, <i>26</i> lbs. Net, lbs. <i>35</i>
			What Nos. shipped by Co.?
			Excluded from sample: No. <i>1, 5, 11</i>
			Sample represents <i>46.98</i> in. tons.
			Impurities? How do they occur?

(1 division = 3 in.)

Sample No. *T-21-38* Can No. *280* Lab. No. *81333*

Collector, *Thurston* Coal: Survey No.

Mine, *Standard Oil #1* Co. *Macoupin* Index No. *1021.87*

R.—COAL SAMPLE SHEET. *#247*



Operator, *Standard Oil Co. (Indiana)* Date *Sept. 2, 1921*
 Mine, *Holt* Sec. *21* T. *10N* R. *7W*
 Location in mine, *Face of 7th W. off 4th S.W.*

GRAPHIC SECTION		DESCRIPTION OF SECTION (AT POINT SAMPLED)		
In.	No.	No.	(Note character and thickness of roof)	Inches
			<i>Black shale.</i>	
		<i>1</i>	<i>Coal (left as roof) App 12"</i>	
		<i>2</i>	<i>Coal</i>	<i>3 1/2</i>
		<i>3</i>	<i>Pyrite band</i>	<i>1/8</i>
		<i>4</i>	<i>Coal</i>	<i>6 3/4</i>
		<i>5</i>	<i>Pyrite band</i>	<i>3/4</i>
		<i>6</i>	<i>Coal</i>	<i>9 1/2</i>
		<i>7</i>	<i>Bony coal band</i>	<i>3/4</i>
		<i>8</i>	<i>Coal</i>	<i>10 1/2</i>
		<i>9</i>	<i>Charcoal band</i>	<i>1/4</i>
		<i>10</i>	<i>Coal</i>	<i>5 1/2</i>
		<i>11</i>	<i>Pyrite band</i>	<i>1/8</i>
		<i>12</i>	<i>Coal</i>	<i>6 3/4</i>
		<i>13</i>	<i>Gray shale B. B.</i>	<i>1 1/4</i>
		<i>14</i>	<i>Coal</i>	<i>1 3/4</i>
		<i>15</i>	<i>Pyrite lens</i>	<i>1/4</i>
		<i>16</i>	<i>Coal</i>	<i>19 3/4</i>
			<i>Tap 67</i>	
			<i>Medium gray floor clay</i>	
			(Note character and thickness of floor)	
			Total thickness of coal.	<i>67 7/8</i>
		Condition, <i>Dry, fresh</i>	Time, <i>2 hr. 9 min.</i>	<i>13 22</i>
		Wt. Gross, <i>22 lbs.</i>	Net, <i>lbs.</i>	<i>11.13</i>
		What Nos. shipped by Co.?		
		Excluded from sample: No. <i>1, 5, 13.</i>		
		Sample represents <i>53 1/8</i> in.		tons.
		Impurities? How do they occur?		

(1 division = 3 in.)

Sample No. *7-21-39* Can No. *96013* Lab. No. *81334*
 Collector, *Thurston* Coal: Survey No.
 Mine, *Standard Oil #1* Co. *Macoupin* Index No. *1021.87*
 R.—COAL SAMPLE SHEET. #*247*