



Form 180

MI 500

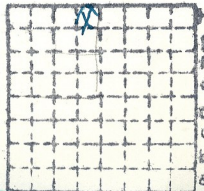
R F

Progressive CC

L 31

376

Mine Index 500



Sec. 34

T. 1 ^{N.} _{s.}

R. 8 ^{E.} _{W.}

Index No.

8 7 6 5 4 3 2 1



(35031-500-625) Location, Rochester, N. Y. Binder and holes in leaves, each Patented 1906.

Mine Name or No. Perry Coal Co. Mine Address Belleville

Operator Perry Coal Co.

Main Office Address 1405 Boatmen's Bank Building
St. Louis, Mo.

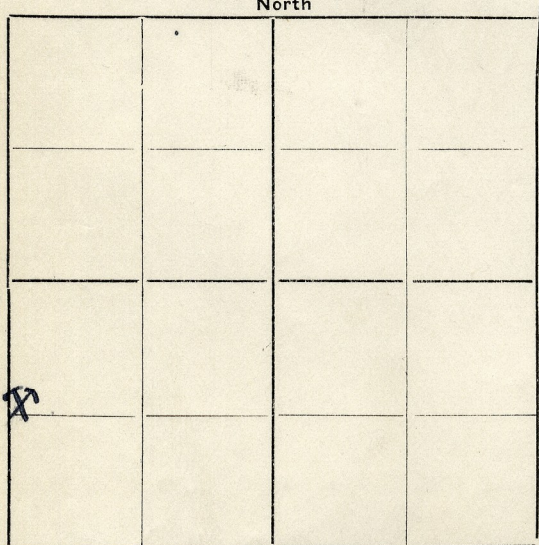
Location of Mine:

Township Name St. Clair County St. Clair

Section No. 34 Township 1N. Range 8 ~~W~~

Indicate location of mine and position of R. R. in plat of section below.

North



Kindly state number of feet from quarter section lines:

_____ from N. line
 _____ from E. line
 _____ from S. line
 _____ from W. line

Idle entire year 19____ Yes
No

Abandoned (date) 19____

South

SHIPPING MINE

Surface landing is 495 feet above sea level or about _____ feet (above) (below) railroad station at _____ (nearest town).

Depth to top of coal is 48 feet.

Average thickness of coal is 5 feet 6 inches.

GEN'L COAL REPT.

Do not fill in below this line.

223

Coal Bed Name Belleville No. 6 Survey No. _____

County St. Clair Index No. 0734 ^{CS}



Mine originally operated by: (1)

Date

Safety First Coal Co

Ante 1930 I-31

Original name or number:

Illinois Coal Report

p.

LATER OPERATORS

Date

Operator

Name or No.

2 Progressive Coal Co.

3

4

5

6

7

8

9

10

11

12

13

14

* Also owners

#See ownership sheet

Railroad, Wagon, Idle, Abandoned

Slope Mine

LOCAL MINE

IDENTIFICATION

County No. 376

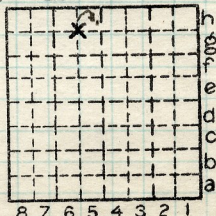
Coal No.

6

Quad. New Athens

Part 3

County St Clair



Sec. 34

T. 4 N. 3

R. 8 E. W.

Index No.

COAL MINE OPERATOR

0734-5h



(Sheets) COAL PRODUCTION (Sheet)

Period						Tons	
Mo.	Day	Year	Mo.	Day	Year		
1	1	1930	12	31	1930	1	475
		1931				8	888
		1932				13	259
		1933				9	041
		1934				9	759

SUMMARIES

No.	to	No.				

Railroad, Wagon, Idle, Abandoned

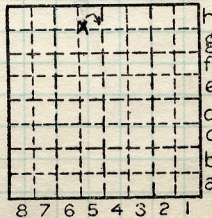
IDENTIFICATION

LOCAL MINE

County No. 376 Coal No. 6

Quad. New Athens Part 3

County St Clair



Sec. 34

T. 1 N.
R. 8 W.

Index No.

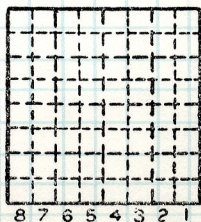
0734-5h

Progressive Coal Co. in 1936, formerly
was the Safety First Coal Co., now
full of water and idle.

By EFT Date 6/9/37

Quad. _____ Part _____

County St. Clair



h Sec. 34
g N.
f T. 1 S.
e B.
d R. 8 W.
c
b
a Index No.



LOCATION AND ELEVATION

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

on top. map Location sheet

Elevation: Method, 1. Est. () _____ ft.
 2. Inst. (kind PT) 483.9 ft.

By E.F.T. 13-87-41c Data sheet

DEPTH

Authority To coal 45 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. 72 in.

GEOLOGICAL DATA 76

Mine notes, date _____

Coop No. Pyr. inv. Coal Ash inv.

Columns 1 + 2

CHEMICAL DATA

Analyses Face	<u>U.I. C_{1,2,24}</u>	B. M.	Others
Car	U. I.	B. M.	Others
Org. Sulf	<u>U.I. ✓</u>	B. M.	Others
Ash fusion	<u>U.I. ✓</u>	B. M.	Others
Ash anal.	U. I.	B. M.	Others
	U. I.	B. M.	Others

Classification

Misc. tests: Coking. Cleaning Boiler

Published descriptions:—

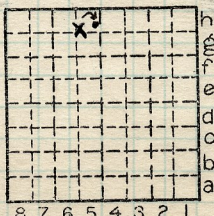
Railroad, Wagon, Idle, Abandoned Slope

LOCAL MINE

IDENTIFICATION

County No. 376
 Quad. New Athens
 County St. Clair

Coal No. 6
 Part 3



Sec. 34

T. 1 N.
 R. 8 W.
 Index No.

0734-5h

COAL MINE LOCATION AND DATA





Operator,

Label No.

Can No. *R-1*

Mine, *Safety First* Loc. in mine,

Sample of

Thk. of entire bed, in Cond.

Excluded,

Representing in. tons Method
 Wt. Gross lbs. Net, lbs. Time exposed,

LABORATORY RECORD

Air Drying Loss	AIR DRIED	AS RECEIVED	MOISTURE FREE	MOISTURE & ASH FREE	UNIT COAL
<i>6.41%</i>					
Moisture	<i>2.66%</i>	<i>8.90%</i>			
Vol. matter	<i>38.66</i>	<i>36.18</i>	<i>39.72%</i>	<i>46.95</i>	
Fixed Carbon	<i>43.68</i>	<i>40.88</i>	<i>44.87</i>	<i>53.05</i>	
Ash	<i>15.00</i>	<i>14.04%</i>	<i>15.41</i>		
Total	<i>100.00</i>	<i>100.00</i>	<i>100.00</i>	<i>100.00</i>	
Hydrogen					
Carbon					
Nitrogen					
Oxygen	<i>4.51%</i>	<i>4.22%</i>	<i>4.63%</i>	<i>5.48%</i>	
Sulphur	<i>.09</i>	<i>.08</i>	<i>.08</i>	<i>.11</i>	
Ash	<i>2.38</i>	<i>2.23</i>	<i>2.45</i>	<i>2.89</i>	
	<i>2.03</i>	<i>1.90</i>	<i>2.09</i>	<i>2.47</i>	
Total					
C as CO ²	<i>.69%</i>	<i>.65%</i>	<i>.70%</i>	<i>.84%</i>	
Calories					
B. t. u.	<i>11,681</i>	<i>10,932</i>	<i>12,000</i>	<i>14,186</i>	<i>14,563</i>

Date: Sampling,
 Analysis, *Jan 28, 1932*
 Calorimetry, *April 7, 1932*

Sampler, Chemist, *J.W.R.*

Coal bed name: Local Survey No.
 Collector, Lab. No. *C-1*
 Mine, *Safety First* Co. Index No.
 S. COAL ANALYSIS SHEET



Operator,

Label No. *R-2*

Can No.

Mine, *Safety First mine* Loc. in mine, *Column 2*

Sample of *Coal - Face sample.*

Thk. of entire bed, in Cond.

Excluded,

Representing in. tons Method
 Wt. Gross lbs. Net, lbs. Time exposed,

LABORATORY RECORD

Air Drying Loss	AIR DRIED	AS RECEIVED	MOISTURE FREE	MOISTURE & ASH FREE	UNIT COAL
<i>10.29%</i>					
Moisture	<i>3.14%</i>	<i>13.11%</i>			
Vol. matter	<i>38.45</i>	<i>34.49</i>	<i>39.70%</i>	<i>46.53%</i>	
Fixed Carbon	<i>44.19</i>	<i>39.64</i>	<i>45.62</i>	<i>53.47</i>	
Ash	<i>14.22</i>	<i>12.76</i>	<i>14.68</i>		
Total	<i>100.00</i>	<i>100.00</i>	<i>100.00</i>	<i>100.00</i>	
Hydrogen					
Carbon					
Nitrogen					
Oxygen					
Sulphur	<i>LOT 4.6190</i>	<i>4.14%</i>	<i>4.76%</i>	<i>5.58%</i>	
	<i>SO₄ .09</i>	<i>.08</i>	<i>.09</i>	<i>.11</i>	
	<i>PVR 2.54</i>	<i>2.28</i>	<i>2.62</i>	<i>3.07</i>	
Ash	<i>ORG 1.99</i>	<i>1.79</i>	<i>2.86</i>	<i>2.41</i>	
Total					
C as CO ²	<i>.53</i>	<i>.48</i>	<i>.55</i>	<i>.64</i>	
Calories					
B. t. u.	<i>11,739</i>	<i>10,531</i>	<i>12,120</i>	<i>14,205</i>	<i>14,574</i>

Date: Sampling, *Jan 29, 1932*
 Analysis, *April 8, 1932*
 Calorimetry,

Sampler,

Chemist, *J. W. R.*

Coal bed name: Local

Survey No.

Collector,

Lab. No. *C-2*

Mine, *Safety First Co.*

Index No.



Operator, *Safety First Coal Co.* Date *July 10 1931*
 Mine, *Safety First* Sec. *34* T. *1 N* R. *8 W*
 Location in mine, *600' on bearing S 20° E of Mine entrance*

GRAPHIC SECTION		DESCRIPTION OF SECTION (AT POINT SAMPLED)			
In.	No.	No.	(Note character and thickness of roof)	Inches	
			<i>limestone Roof.</i>		
	<i>8</i>				
	<i>7</i>				
	<i>6</i>				
	<i>5</i>				
	<i>4</i>				
	<i>3</i>				
	<i>2</i>				
	<i>1</i>				
(1 division = 3 in.)		(Note character and thickness of floor) Total thickness of coal			
		Condition,	Time,	hr.	min.
		Wt. Gross,	lbs.	Net,	lbs.
		What Nos. shipped by Co.?			
		Excluded from sample: No.			
		Sample represents	in.	tons.	
		Impurities? How do they occur?			

col. Sample No. *2* Can No. *R 2* Lab. No.

Collector, *H P Nicholson* Coal: Survey No. 6
 Mine, *Safety First Co. St Clair.* Index No.



Column Numbers 1 & 2.

Columns Numbers 1 & 2 were cut in the mine of the Safety First Coal Company at points 1000 feet on a bearing S 20° W and 600 feet on a bearing S 20° E respectively from the mine entrance.

Column No. 1 was cut from the center of the face of a room and was obtained by straightening up the face and then cutting in on both sides and away from the back. In doing so much more work was done ~~xxxx~~ than necessary as the technique was not so well developed as later. The sample was entirely too large so an oversize box was constructed especially for it. The face was fresh coal and the moisture content representative.

Column No. 2 was cut from a corner developed on the side of a room on the other side of the mine. This side of the mine was considerably wetter so the moisture content of the channel may be greater. The column was obtained in good condition and packed in the standard size box.

The Safety First mine is only a local mine doing business by truck into Belleville and E. St. Louis. The tippie is equipped with bar screens only so the only products are screenings and lump. The screenings are sold or stored on a stock pile near tippie. A tippie sample would mean very little.

Gust Kaemerer is in charge of the mine.