



Form 180 Blue

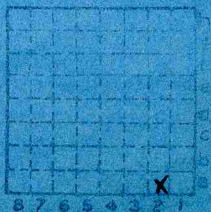
Pana C.C. #1

S-1

mi. # 729



67



Sec. 16

T. 11 N. 3

R. 1 E. 3

Index No.



Mine originally operated by: (1)

Date **Pana Coal Co.**

**1884**

Original name or number: **1 & 2**

Illinois Coal Report **1884** p.

LATER OPERATORS

Date	Operator	Name or No.
2 1893	Pana Coal Co.	#1
3 1894	Pana Coal Co.	#1 & 2
4 1899	Pana Coal Co.	#1
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		

\* Also owners

#See ownership sheet

Railroad, Wagon, Idle, Abandoned **Shaft**

**B&O SW CCC&ST.L**

IDENTIFICATION

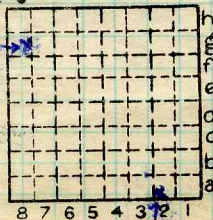
County No. **67**

Coal No. **6**

Quad. **188** **Pana**

Part

County **Christian**



Sec. **16** <sup>#1</sup> <sup>#2</sup> **15**

T. **11** <sup>#</sup>

R. **1** <sup>#</sup>

Index No.

**1716 a2**  
**1715 e8**

COAL MINE OPERATOR

PANA MINE

Shafers' - OLD MINE

July 8, 1947

Notes by Rolf W. Roley

16-UN-1E

Christian County

no great amount of observation could be made on this visit except on the bottom - The mine was being rock-dusted and so only the bottom was inspected.

Employees say that the bottom is typical of the mine as a whole where slate exists but that quite a large amount of the mine is rock-top.

Photo 1 - Shows a top section including the top coal about 60' from sump. This exposure exists as a result of the rock fall on opposite rib shown in Photo 2. Air is bad and sluggish here -

Photo 1 =  
M.L. M0830, r.f.

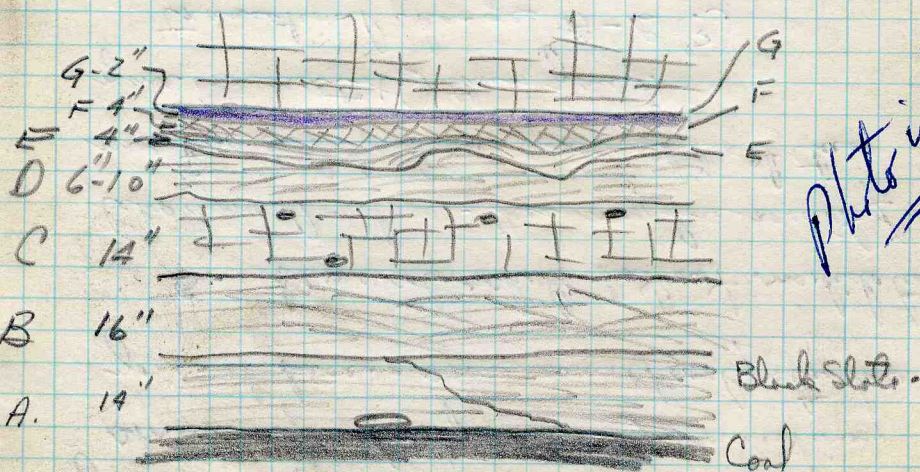
Photo 2 =  
M.L. M0829, r.f.

Photo 3 =  
M.L. M0831, r.f.  
CC 3-2007

Photo 3 shows a rock fall at the shaft, illustrates the thickness of "slab-rocks" that comes locally with age.

The ls. appears to be a very fine  
 light gray to cream color and in some  
 places is almost lithographic in appearance.  
 When broken this quality is discerned to be  
 the result of a very thin  $\frac{1}{16}$ " of ls. on the  
 bottom only and is apparently limited to local  
 extent.

None of the bottom timbers exhibit any  
 lateral pressure and seem to be supporting  
 only the overlying slate with the lower slab of ls.  
 The slate averaged about 8' in thickness and  
 the ls. slabs varied between 0' - 1 1/2' in thickness.



Typical Sect. (Photo. 1)

zone A - Apparently sound black slate,  
some slipes (not prominent), concretionary  
zone at base - some small coaly streaks

B - Same color shale but not consolidated  
like zone A - above - this may be a result of  
moisture but don't see how - at least this  
zone is wetter (?) than zone A -  
transitional change A-B (?)

C - Light grey to cream ls. fine grained  
with dark grey nodules (Phosphat?)

D - Grey to black shale like zone B  
but weathers at top to bright green  
Couldnt inspect closely

E - Bastard ls.

F - Clay weathers green, grey fossils } transition

G - Clod (?) may be part of F



Mine originally operated by: (1)

Date

1884

Pana Coal Co

1

Original name or number:

Illinois Coal Report

p.

LATER OPERATORS

Date

Operator

Name or No.

- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Pana Mines Corp

1

old Mine Coal Company (1946)

1

#2 hole W side I.C  
 1000 ft S NW cor 15

1946

1946 - acres 245 + 1342

From mine map  
 260' N, 1350' W. SE-corr

\*Also owners

#See ownership sheet

Railroad, Wagon, Strip, Idle, Abandoned

Shett

IDENTIFICATION

County No. 67

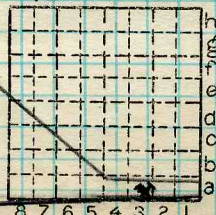
Coal No.

Coal Report No. S-1

b  
 (70")

Quad.

County Christian



Sec. 16

T. 11 N.

R. 1 E.

Index No.

COAL MINE OPERATOR

1770 43



Mine originally operated by: (1)

Date  
**1884**

**Pana Coal Co.**

Original name or number: **Mine No. 1**  
 Illinois Coal Report **1954** p. **74**

Pana	LATER OPERATORS		Name or No.
	Date	Operator	
2	1946	Old Mine Coal Co.	No 1
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			

\*Also owners

#See ownership sheet

**SHAFT** Railroad, Wagon, Strip, Idle, Abandoned

**728**

**ABD 1949**  
 IDENTIFICATION **716"**

County No. \_\_\_\_\_

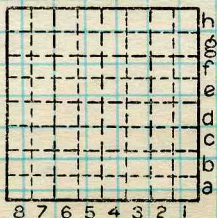
Coal No. \_\_\_\_\_

Coal Report No. \_\_\_\_\_

**6**

Quad.

County **CHRISTIAN**



Sec.

T.	N.
	S.
R.	E.
	W.
Index No.	

COAL MINE OPERATOR





( Sheets )

COAL PRODUCTION

( Sheet )

No.	Period						Tons	
	Mo.	Day	Year	Mo.	Day	Year		
						1935		
1	1	1	1936	12	31	1936	101	808
1	1	1	1937	12	31	1937	65	822
S-1	1	1	1938	12	31	1938	40	477
						1939	21	664
						1940	16	264
S-1	1	1	1941	12	31	1941		0'

#1

SUMMARIES

No.	to	No.			
1884		1935	6	398	425

1941

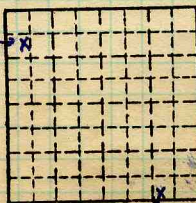
Railroad, Wagon, Idle, Abandoned

IDENTIFICATION

County No. 67 Coal No. 6

Quad. 188a Part

County Christian



Sec. 16 15

T. 11 N. S.

R. 1 E. W.

Index No.

1716 a2  
1715 g8

COAL MINE—PRODUCTION



( Sheets ) COAL PRODUCTION ( Sheet )

Period			Tons		
Mo.	Day	Year	Mo.	Day	Year
		1940			
		1941			
		1942			
		1943			
		1944			
		1945			
		1946			
		1947			
		1948			
		1949			
		late Aug - Dec			
		late			
			45	708	
			73	373	
			73	369	
			16	854	
			40	569	
			73	825	
			32	849	
		ADD			

SUMMARIES

No. to No.

265'H

Railroad, Wagon, Strip, Idle, Abandoned

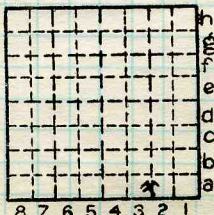
IDENTIFICATION

County No. 67 Coal No. 6

Coal Report No. S.1

Quad. '40 - 7'0"

County Christian



Sec. 16

T. 11 N.

R. 1 E.

Index No.

1716 A3

COAL MINE—PRODUCTION

ILLINOIS GEOLOGICAL SURVEY, URBANA





LOCATION AND ELEVATION

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

on top. map Location sheet **Map Files 2-11-3F**

Elevation: Method, 1. Est. ( ) ft.  
 2. Inst. (kind **Plane Table**) **697.6** ft.

By **J. Young NB 575 p.11-** Data sheet

DEPTH **121**

Authority To coal **721.5** ft. (#1)  
 Authority Rail to rail \_\_\_\_\_ ft.  
 Top of coal above rail. (Est. Rule) \_\_\_\_\_ ft.  
 To coal \_\_\_\_\_ ft.

ALTITUDE OF TOP OF COAL

By estimated data \_\_\_\_\_  
 By instrumental data \_\_\_\_\_ ft.

Thickness

Max. in. Min. in. Aver. **90** in.

GEOLOGICAL DATA

Mine notes, date **1918** \_\_\_\_\_

Coop No. \_\_\_\_\_ Pyr. inv. \_\_\_\_\_ Coal Ash inv. \_\_\_\_\_

CHEMICAL DATA

Analyses Face	U. I.	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 \_\_\_\_\_

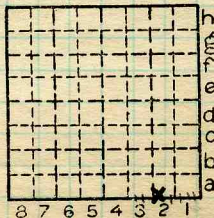
Published descriptions:—

Railroad, Wagon, Idle, Abandoned

IDENTIFICATION

County No. **67**  
 Coal Rept No **31**  
 Quad. **Pana (188)**  
 County **Christian**

Coal No.  **6**  
 Part



Sec. **16**

T. **11** N.

R. **1** E.

Index No.

**171-2a**

COAL MINE LOCATION AND DATA

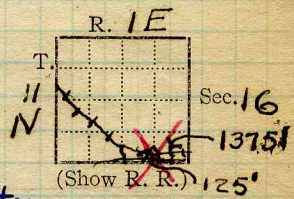
697.6

Town, Pana  
Local Authority, M

Surface alt., 695 ft.  
Depth to coal, 722 ft.  
Alt. top coal, -27-24 ft.  
Thickness: Av. 96 in.  
Max. in., Min. in.

Level: Auth., Mine Notes  
J.S. Young  
Method, Planetable 1929

R. R., B + O SW., CCC + St. L.  
~~\_\_\_\_\_~~



Location: authority, Letter from Pana Coal Co. 2/20/18

Aver #4 1884 Operator Gen Coal Rept #67 Mine Name or No.

✓ 1918 Pana Coal Co  
Pana, Illinois

Successor to  
Date  
Succeeded by Glenn A Shafer #/  
Date 1929 Pana, Ill Pana #1  
Succeeded by  
Date

PRODUCTION.

		U. S. No.
1926	1400 T	
1927	<del>108 589</del> 45 670	
1928		
1929	182 937	
1931	142 735	1930-16
1932	64 742	

⊗ Geol. Notes? Yes Coop. No. 742 Coal secs.? Yes  
Analyses No. possibly 3000  
Examined by 12 GEN'L COAL REPT. Ref. 67  
Coal bed name: Local Survey No. 6  
County Christian Index No. 1716.70  
K.—ACTIVE SHIPPING OR LOCAL COAL MINE. X



COAL MINE NOTES.

1716

~~21376~~

COUNTY *Christian*

TOWN *Pana*

MAP No.

T. *11N*

R. *1E*

S. *16, SE SE*

OPERATOR *Pana Coal Co*

OFFICE

*Fischer Bldg. Chgo*

MINE

*#1*

TIPPLE

ENGINES

BOILERS

DRUM

SHAFT

CAGE

HAULAGE

CARS

VENTILATION

DRAINAGE

SPRINKLING

WORKING SYSTEM

*Room & Pillar*

MINING METHODS

*Shutoff solid*

USED IN COOP. REPT. 1912.

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

~~21376~~

1716

COST OF LAND OWNED

LEASED

HELD IN FEE

ADDITIONAL NOTES



COAL MINE NOTES.  
CONTINUED.

OPERATOR *Pana Coal Co* MINE # *1*  
 ENTRANCE *Shaft* NAME OF COAL BED *6*  
 ELEVATION ~~777~~ *6695* Kay. THICKNESS OF COAL *2516*  
 DEPTH TO FLOOR ~~706~~ *730* MAX. MIN. AV. *96"*  
 ALTITUDE OF COAL ~~15~~  
 LOCATION OF SECTION

No.	SECTION.	In.
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
Tape		Total <i>96"</i>

SAMPLE No.

CAN No.

CONDITION

GROSS WEIGHT

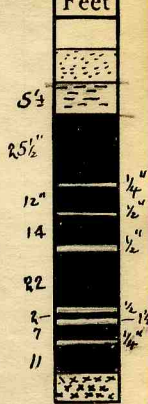
TIME EXPOSED

NOT SHIPPED

NOT INCLUDED

SECTION

Feet



PHYSICAL PROPERTIES BY NUMBERS

ROOF *Ss +', slate 5'*

FLOOR

DIP

FAULTS, ETC.

GAS *#742*

Addition Notes.

COLLECTOR *Wheeler*

REFERENCE *NB. 141 p 46* DATE *1716*

*2516*