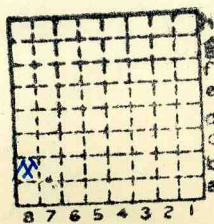


2088



Form 180

FRANKLIN Co. CC # 5.  
Co. # 270 sb  
M. index # 421



Sec: 33  
T. 7 N. S.  
R. 2 E. W.  
Index No.





LOCATION AND ELEVATION

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

on top. map Location sheet Map Files #5-28-28

Elevation: Method, 1. Est. ( ) ft. 2. Inst. (kind Plane table) 401.2 ft. By W. E. Roe (5-28-28) Data sheet

DEPTH

Authority To coal 365 ft. Authority G.N. Pfeiffer, by E.T. Benson Rail to rail 349.22 ft. Top of coal above rail. (Est. Rule) 10 ft. To coal 339 ft.

ALTITUDE OF TOP OF COAL

By estimated data By instrumental data 62 ft.

Thickness

Max. 144 in. Min. 108 in. Aver. 114 in. 120

GEOLOGICAL DATA

Mine notes, date 8/20/18 1929 Coop No. B.M. 67 Pyr. inv. 1918 Coal Ash inv. 1929

CHEMICAL DATA

Analyses Face U. I. 17110-11 B. M. 30867-71 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 #BM67 U. I. B. M. Others

Classification R.I. 129 U.C.I. 146

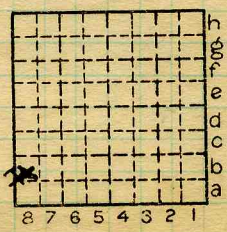
Misc. tests: Coking. Cleaning Boiler

Published descriptions:—

Railroad, Wagon, Idle, Abandoned

IDENTIFICATION

County No. 270 Coal No. 6 Part 5-6 Quad. Herrin 267 County Franklin



Sec. 33 T. 7 S. R. 2 E. Index No.

1133-8b

COAL MINE LOCATION AND DATA





( Sheets ) COAL PRODUCTION ( Sheet )

Period				Tons	
Mo.	Day	Year	Mo.	Day	Year
		1931			
		32			
		33			
		34			
		35			
		36			
		37			
		38			
		39			
		40			
		41			
		42			
		43			
		44			
		45			
		46			
		47			
		48			
		49			
		50			

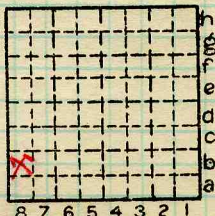
SUMMARIES

No.	to	No.

Railroad, Wagon, Strip, Idle, Abandoned

IDENTIFICATION

County No. 270 Coal No. 6  
 Coal Report No. S-6  
 Quad. 264  
 County Franklin




Sec. 33

T. 7 X  
 S.   S.  
 R. 2 X  
 Index No.

1133 68





Originally operated by: (1) 

Date 1909 Southern Illinois Coal & Coke Co.

Original name or number:  
 Illinois Coal Report 1909 p. Morgan

LATER OPERATORS

Date	Operator	Name or No.
2 1914	Taylor Mining Co.	P.R.
3 1916	Taylor Coal Co.	#5
4 1923	Franklin County Coal Co.	#5

5  
6  
7  
8  
9  
10  
11  
12  
13  
14

720°N 80°E SWSW (1948)


• Also owners #See ownership sheet

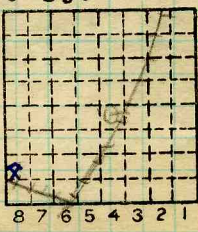
*OK 1946*

Railroad, Wagon, Idle, Abandoned Shaft 350'

C.B.&Q., I.C., Mo. Pac.

IDENTIFICATION

County No. 270 Coal No. 6  
 S-6 Herrin   
 Quad. 264 Part  
 (1948) 9' 6"  
 County Franklin



Sec. 33

T. 7 S.

R. 2 E.

Index No.

1133 b8

COAL MINE OPERATOR





USBM Bull 193, p 147-8

HERRIN. No. 5 (FRANKLIN EMERY) MINE.

Analyses 30867 to 30871 (p. 31). Bituminous coal, Illinois field, from No. 5 (Franklin Emery) mine, a shaft mine 4 miles north and 1 mile east of Herrin, in sec. 33, T. 7 S., R. 2 E., on the Chicago, Burlington & Quincy R. R. Coal bed, Herrin, or No. 6; Carboniferous age, Carbondale formation. Thickness of bed, maximum, 12 feet; minimum, 9 feet; average, 10 feet. The bed contains three well-defined benches; "blue band," the only common impurity, varies from 18 to 36 inches above bottom of bed. Coal rather uniform, bright, and lustrous. Roof, gray, sandy shale, or coal, fairly constant, in places rolling; floor, fire or floor clay; cover at points of sampling, 340 feet. The bed was sampled by G. H. Cady and C. R. Schroyer on August 28, 1918, as described below:

Sections of coal bed in No. 5 (Franklin Emery) mine.

Section.....	A. 30867	B. 30868	C. 30869	D. 30870
Laboratory No.....				
Roof, gray sandy shale.				
Coal.....	Ft. in. 4 1	Ft. in. 1 9½	Ft. in. 4 4	Ft. in. 7 9
"Mother coal?".....	½	½		
Coal.....	7½	1 10½	2 9	
"Mother coal?".....	1½	½		
Coal.....	2 8½	2 6½		
"Blue band?".....	a 1½		a 1½	
Coal.....	2 6	1 6	2 4	
Floor, gray clay.				
Thickness of bed.....	10 2	7 8½	9 6½	7 9
Thickness of coal sampled.....	10 ½	7 8½	9 5	7 9

a Not included in sample.

Section A (sample 30867) was cut at face of 14 room, 7 northwest entry, 2,300 feet west and 740 feet north of shaft. Section B (sample 30868) was cut in crosscut between 1 and 2 northeast entries, 1,115 feet north and 515 feet east of shaft. Section C (sample 30869) was cut at face of 3 room, 7 southeast entry, 1,400 feet east, and 515 feet south of shaft. Section D (sample 30870) was cut in stub of 7 west entry, 4 south, off west, 2,140 feet south and 1,540 feet west of shaft.

The ultimate analysis of a composite sample made by combining face samples 30867, 30868, 30869, and 30870 is given under laboratory No. 30871. At time of sampling daily output was 1,500 tons.

#5 Mine Franklin Co. Coal No. 6 Index No. 1133.01





Location and Elevation Data

Location:                      Exact                       Approximate

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

Location by W.B. Roe

Date July 30, 1932                      Notebook No. 614                      Page 21(2163)

Looseleaf ref. \_\_\_\_\_

Map files No. 5-28-28

Description of location

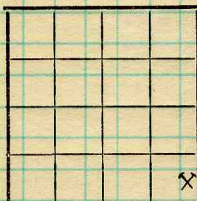
Position in sec., 1/4 sec., 40 acres

\_\_\_\_\_ feet from North line

360 feet from East line

610 feet from South line

\_\_\_\_\_ feet from West line



Sec. 32  
 T. 7 S.  
 R. 2 E.

Other description: \_\_\_\_\_

Farm \_\_\_\_\_

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

Company \_\_\_\_\_

Franklin County Coal Co., Inc.

No. 5 Energy or Freeman mine

County No. 106

Elevation 408.0 ft.

By W.B. Roe

Method: Level, transit, alidade, hand level

Elevation of curb + 4"

Height of point above ground \_\_\_\_\_

Date July 30, 1932                      Notebook 614                      P. 21(2163)

Looseleaf ref. \_\_\_\_\_

Map files No. 5-28-28

Description of item: (drill hole, mine, etc.) Air shaft - active shipping mine



See  
Extra  
Sheet  
No.

Entrance *Shaft*  
 Kind of tibble *steel*  
 Motive power for hoist *Steam*  
 Source if electrical  
 Kind of hoist (cage, skip, etc.) *Cage*  
 Kind of haulage *Elect. Motor. Cable reel and mules for gathering*  
 Mining equipment *Shot wall and Brist machine*  
 Note any features of the equipment that are of special interest

## SURFACE DATA.

- A. Topography,  
 B. Surficial materials, (1) Character,  
 (2) Thickness, (3) Effect on mining and shaft-sinking, of  
 former drainage lines, underground water strata, etc.

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

See drill record sheet,

- E. Notes on surrounding area,

Coal bed name: Local,

Survey No. Collector, *Franklin County Coal Co*Mine, *No 5* Co. *Franklin*Index No. *1133*

L.—SURFACE SHEET (Geol.)





## F. Thickness of rock above bed worked.

(1) Important variations,

*No drill log available*

See

## G. Note presence of strata having important effect on mining,

*Bad top shale. Soft and full of slips*

See

(1) Position, *Immediately above coal*(2) Character, *light gray shale soft to firm and bedded thin*(3) Persistence, *Apparently so*(4) Other workable coal beds *#5 coal seam 170s**30 to 50 feet below and is 4 1/2" thick* See

## H. Cap rock,

(1) Thickness,

*None*

(2) Height above coal,

See

I. Immediate roof, *light colored shale*(1) Thickness, *>* (2) Contact with coal,*fairly uniform*

(3) Horizontal variation,

*apparently little* See

## J. Draw slate, (1) Thickness, (2) Contacts

*No true draw slate although some falls while coal is recovering*(3) Persistence, *or retreat**yes**no log of shaft available*K. Coal bed: Max. *170* Min. Av. *112* inches(1) Benches, *Upper and lower*(a) Position, *above and below blue band*

(b) Persistence,

See

(2) Bedded impurities, kind, position in benches, persistence, ease of separation, *Blue band**some boney coal bands and clay partings*

See

(3) Irregularities in bed (due to deposition, erosion, or movement), *Seam very hilly**with NW-SE cut out through shaft.* See

(a) Effect on mining,

See

Collector, *Franklin County Coal Co* Coal: Survey No. *6*Mine, *NOS* Co. *Franklin* Index No. *1133*

M.—UNDERGROUND SHEET (Geol.)





259593

## K. (5) Physical character of Coal,

- (a) Relative hardness, *Coal slightly harder than usual No. 6*  
 (b) Lustre, *Bright except for many dull bands*  
 (c) Fracture, *Blocky.*  
 (d) Texture, *—*

See

- (6) Impurities in coal, other than bedded, kind, position, persistence, ease of separation, etc. *Practically none. Only a few faces of calcite were observed*

See

L. Floor: (1) Material, *Fire clay - light gray*(2) Thickness, *?*(3) Variation, *Apparently none*

- (4) Note character, condition, tendency to heave, relation to undercutting, commercial value. *Light gray firm fire clay with many plant impressions but not slip fractured to any extent. It is not an impurity in the coal.*

See

(5) Clay sample No. *A-272<sup>W</sup>A298* Location,

## M. Stratigraphy,

(1) Fossiliferous horizons underground,

Collection No. *—*Location, *—*

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

See

Collector, *Franklin County Coal Co*  
 Mine, *No. 5* Co. *Franklin*

Cola: Survey No. *6* Index No. *1133*



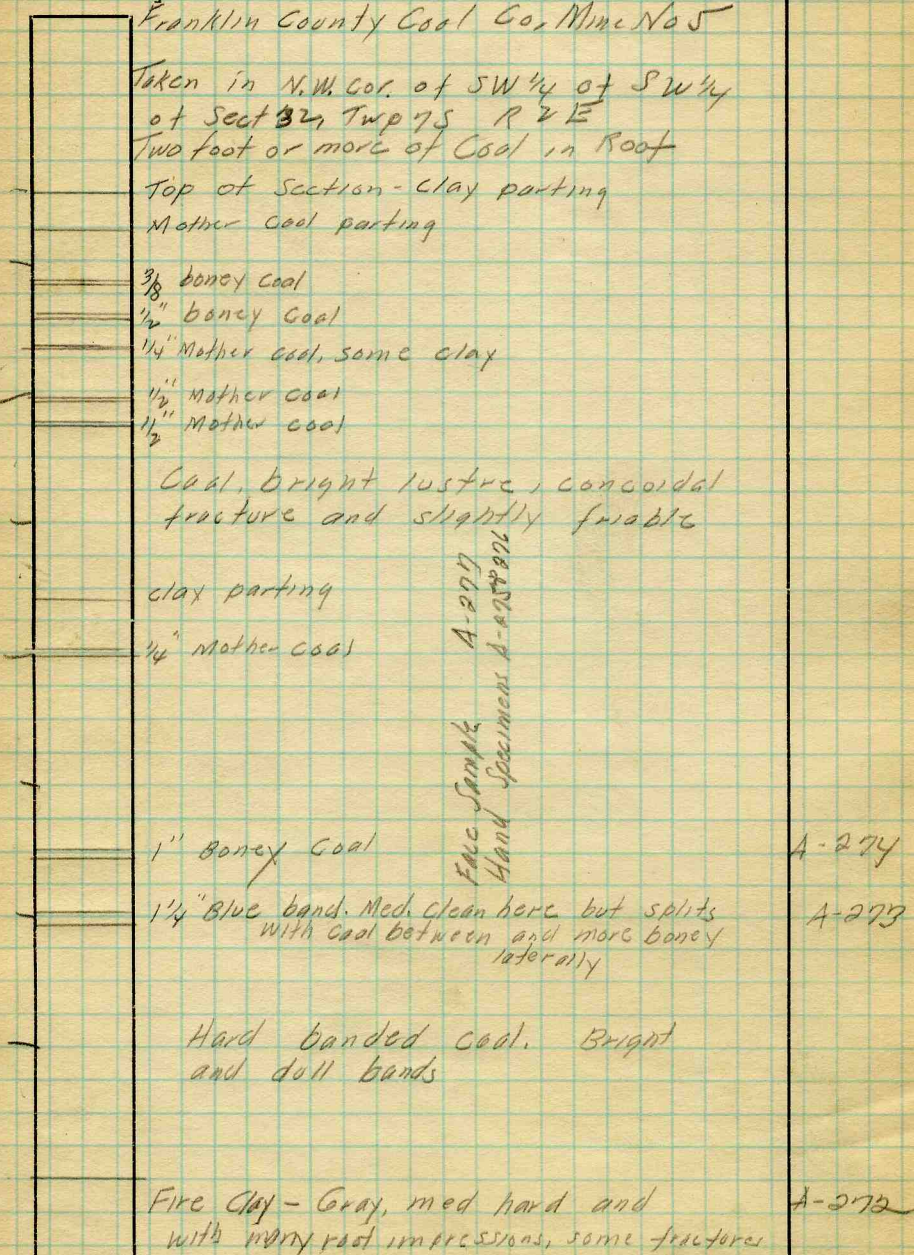


Symbol

Description

Inches

1 division = 3 in.



Franklin County Coal Co, Mine No 5

Taken in N.W. Cor. of SW 1/4 of SW 1/4 of Sect 32, Twp 7S R 2E  
Two foot or more of Coal in Roof

Top of Section - clay parting  
Mother coal parting

3/8 boney coal

1/2 boney coal

1/4 Mother coal, some clay

1/2 Mother coal

1/2 Mother coal

Coal, bright lustre, conchoidal fracture and slightly friable

clay parting

1/4 Mother coal

1 boney coal

1/4 blue band. Med. clean here but splits with coal between and more boney laterally

Hard banded coal. Bright and dull bands

Fire clay - Gray, med hard and with many root impressions, some fractures

Falc Sample A-271  
Hand Specimens A-272-276

A-274

A-273

A-272

Collector. Franklin County Coal Co  
Mine. No 5 Co. Franklin

Coal: Survey No. 6  
Index No. 1133

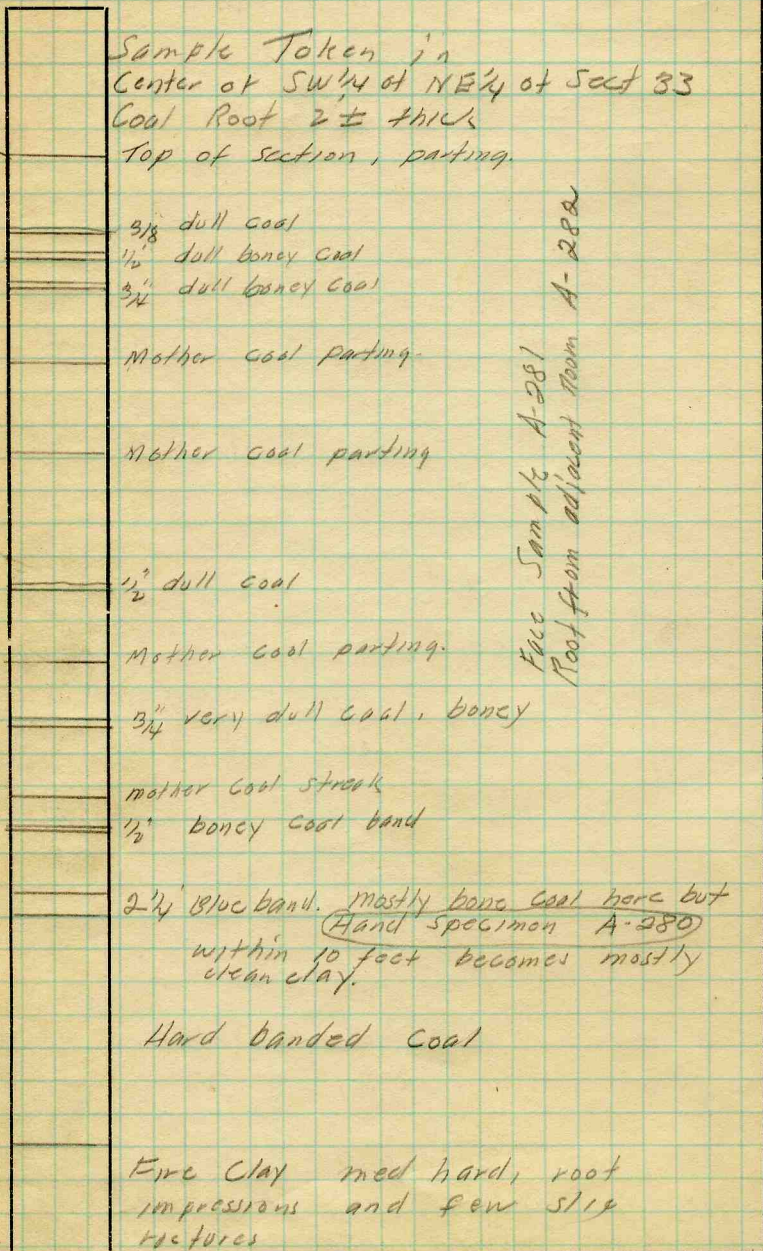
Q.-COAL SECTION SHEET. #1





Symbol Description Inches

1 division = 3 in.]



Face Sample A-281  
Root from adjacent room A-282

A-279

A-278

Collector. Franklin County Coal Co  
 Mine. No 5 Co. Franklin  
 Q.—COAL SECTION SHEET. #2

Coal: Survey No. 6  
 Index No. 1133





Operator,

Date

Mine,

Sec.

T.

R.

Location in mine,

GRAPHIC SECTION		DESCRIPTION OF SECTION (AT POINT SAMPLED)		
In.	No.	No.	(Note character and thickness of roof)	Inches
		(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?		

(1 division=3 in.)

Sample No.

Can No.

Lab. No.

Collector,

Coal: Survey No.

Mine,

Co.

Index No.

R.—COAL SAMPLE SHEET.





## INDEX

## A Bedded Impurities

Blue band, bands of very dull ashy coal, and an occasional clay parting

"b" Concretions and Segregations  
None found

"c" None

d Sand fillings and facings  
Only a few facings of calcite are visible

"e" None observed

f Interbedded Carbonaceous and detrital material  
The dull coal bands near top of seam correspond in position to the shaly band at top of seam on north side of mine at Royalter

g

h

i

None

Collector Franklin County Coal Co  
Mine No. 5 Co. Franklin Co

Coal: Survey No. 6

Index No. 1133





## INDEX

Roof

Same Conditions as  
in mine at Royatton. Top coal  
left and recovered on  
retreat. No chance to  
cut sample from entire  
thickness of seam. Roof where  
observed was hard shabby gray  
shale. See Sample A-282  
Floor not an impurity

Collector *Franklin County Coal Co*  
Mine *No 5* Co. *Franklin Co*

Coal: Survey No. *6*   
Index No. *1133*



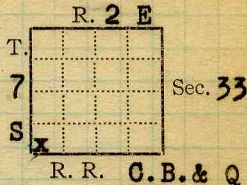


Mine Name or No., **Possum Ridge or Freeman**

**5** miles N from **Herrin**

Operator, 191 **8** **Taylor Coal Co**

Operator, 191



Entrance, **Shaft** Elev., **About 400** ft. (above, **sea level**)  
 (below,  
 Depth to ~~bottom~~ coal, **340** ft. Alt. **About 60**  
**top**

**SURFACE DATA.**

A. Topography, **Nearly level. Near bottom land** See

B. Surficial materials. (1) Character,

- (2) Thickness, (3) Effect on mining and shaft-sinking, of former drainage lines, underground water strata, etc.

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.

**Mine map furnished by W.O Steinheimer  
of So. Ill Engineering Co**

See drill record sheet,

E. Notes on surrounding area,

See

Coal bed name: Local,

Survey No. **6**

Collector, **Cady** **Aug 29, 1918**

Mine, **Possum Ridge** Co. **Franklin**

Index No. **1133**

L.—SURFACE SHEET (Geol.)









K. (5) Physical character of coal in benches, **The physical character of coal does not vary much**

(a) Relative hardness, **throughout. The upper bench is regarded as the best**

(b) Lustre, **coal. The coal is bright lustrous.**

(c) Fracture, **Coal breaks into small pieces; rather soft**

(d) Texture, **See**

(6) Impurities in coal, other than bedded, **A little pyrite, and**

(a) Kind, **gypsum or calcite in vertical streaks**

(b) Position and persistence, **especially near faulted area**

(c) Rejected, **No** Ease of separation, **See**

L. Floor: (1) Material, **Fire or floor clay**

(2) Thickness,

(3) Variation,

(4) Note character, condition, tendency to heave, relation to undercutting commercial value. **Does not seem to heave much**

See

(5) Clay sample No. **Location,**

M. Stratigraphy,

(1) Fossiliferous horizons underground, **In parts of the mine especially 3 & 4th S where roof is exposed the gray shale contains many fossils**

Collection No. **Location,**

N. Notes on effect of deep drilling in coal mine areas. **Nothing since the publication of bulletin 15**

See

Collector, **Cady** **Aug 29 1918**  
Mine, **Possum Ridge** **Co. Franklin**  
N.—UNDERGROUND SHEET (Geol.)

Coal: Survey No. **6**   
Index No. **1133**





## INDEX

- K-2 The blue band very strikingly varies in its height ~~above the base~~ of the bed across rises and hollows in the lay of the coal bed. On the rises, at least some of them the blue band is only about 18" above the bottom, in the hollows it may be as much as three feet. The coal as a whole is thicker in the hollows.
- K-3 The coal in this mine lies very irregularly. Eight% grades are not uncommon and the rises and hollows seem to be without any direction, so far as could be determined by brief examination. The fact that the thickness of the lower bench of coal varies across the irregularities in the lay of the coal, is certainly suggestive that some of the irregularities may be due to original irregularities in the floor upon which the coal was deposited. Without doubt however, there has been some deformation as is indicated by the structure of the coal where steep dips are found.
- K-3 Of special interest in this mine are the two lines of dislocation <sup>Coal</sup> described in Bull. 15. That to the east amounts to 27 feet and in the run around near the shaft No. 5 coal is exposed, having a thickness of 4-5 feet, with black slate roof about 4 feet and a limestone cap-rock. The fracture is very clean cut the gauge is thin, 4-8 inches and the coal practically undisturbed within a foot or two in places even less, of the line of fracture. See map for direction of fault line.

Collector Cady Aug 29 1918  
 Mine Possum Rdg Co. Franklin  
 X.—EXTRA SHEET No. 1

Coal: Survey No. 6   
 Index No. 1F33





## INDEX

K-3 Continued. The other important line of dislocation crosses the south side of the mine. It is crossed by the 3 & 4th southwest entries as shown on the map. The coal was not followed down the dip entirely to the fault line so that the exact relationships have never been determined. The coal is reported to have dipped to the fault line in a series of rolls in which the coal was badly shattered. Apparently near the fault line all the strata on the north side dip sharply about 45 degrees to the south, as is shown by the dip of the shale in the rib. The fault line itself is not clearly marked. Either the dislocation is here a close fold in which the coal bed is badly smashed, as is probably the case, or the gouge is exceptionally wide - about 10 feet. The relationships indicate a more thorough crushing of associated rock along this line of dislocation than along the other and it is probable that the forces were more intensive. *amt of fault not known*

South of the fault line the strata rise first gently and then more rapidly to the south, but in the east and west entries near drill holes No. 3 are considerable differences in elevation as compared with the altitude of the coal along the 3 & 4th south. The altitude of the coal as determined by drill hole No 2 would indicate the probable existence of a fault line between drill hole 2 and 3. This has not been demonstrated however.

Collector Cady Aug 29 1918  
 Mine Possum Ridge Co. Franklin  
 X.—EXTRA SHEET No. 2

Coal: Survey No. 6   
 Index No. 1133





## INDEX

I-1

The character of the roof in this mine is lithologically rather constant, being everywhere a rather siliceous gray shale. In places it is more like soapstone. Because of the uniformity in the character of the roof the rolls characteristic of No. 6 coal are not as readily recognized as in the mines further east. However in some parts of the mine the roof is very "slippy" and the shale interbedded with leaves of carbonaceous material and in a few places stringers or coal were noted extending from the top of the coal bed into the clay. There is a tendency to regard this slippy condition as indicative of the approach of fault lines but I failed to find that this was the case, the two conditions apparently having no relationship, and I am inclined to believe the slips due to shrinkage adjustments within the clay due to difference in amount of shrinkage of coal below. Where this sort of roof condition existed the top coal was soft and hard to hold as was also the roof.

In places the roof shale contained numerous plant fossils similar to the roof over No 2 coal at Murphysboro. This condition did not persist, however, though I was not able to determine the relationship of fossil-bearing shale to that not fossil-bearing.





Operator, **Taylor Coal Co** Date **Aug. 28, 1918**  
 Mine, **Possum Ridge or Freeman** Sec. **33 T. 7 S R. 2 E**  
 Located, **4 1/2** miles from **Herrin (4 mi N; 1 mi E)**  
 Location in mine, **Room 14 7th northwest (2300 W; 740 N of shaft)**

GRAPHIC SECTION		DESCRIPTION OF SECTION (AT POINT SAMPLED)	
In.	No.	No.	(Note character and thickness of roof) Inches
			<b>Roof: Gray shale</b>
		1	Coal 49
		2	Mothercoal 1 1/2
		3	Coal 7 1/2
		4	Mother coal or smut band 1 1/2
		5	Coal 32 1/2
		6	Blue band 1 1/2
		7	Coal 30
			<hr/> 122
			(Note character and thickness of floor)
			Total thickness of coal.
		Condition, <b>Dry</b>	Time, <b>1</b> hr. <b>20</b> min.
		Wt. Gross, <b>60</b> lbs.	Net, <b>4</b> lbs.
		What Nos. shipped by Co.?	<b>All but 6</b>
		Excluded from sample: No. <b>6 (Blue band)</b>	
		Sample represents <b>121 3/4</b> in.	tons.
		Impurities? How do they occur?	<b>Coal very clean</b>

Sample No. \_\_\_\_\_ Can No. **987 B.M.** Lab. No. **30867**  
 Collector, **Cady & Shroyer** Coal: Survey No. **6**   
 Mine, **Possum Ridge** Co. **Franklin** Index No. \_\_\_\_\_  
**R.—COAL SAMPLE SHEET.**





Operator, **Taylor Coal C** Date **Aug 28 1918**  
 Mine, **Possum Ridge or Freeman** Sec. **33** T. **7 S** R. **2 E**  
 Located, **4 1/2** miles from **Herrin (4 mi N 1 mi E)**  
 Location in mine, **Cross cut between 1 & 2 northeast entry**

GRAPHIC SECTION		1115 ft north: 515 feet east of shaft DESCRIPTION OF SECTION (AT POINT SAMPLED)	
In.	No.	No.	Inches
		<b>Roof: gray shale, concealed</b>	
		<b>1</b>	<b>Top coal 36?</b>
		<b>2</b>	<b>Coal 21 1/2</b>
		<b>3</b>	<b>Mother coal 1/8</b>
		<b>4</b>	<b>Coal 22 1/2</b>
		<b>5</b>	<b>Mother coal 1/16</b>
		<b>6</b>	<b>Coal 30 1/2</b>
		<b>7</b>	<b>Mothercoal parting</b>
		<b>8</b>	<b>Coal 18</b>
			<b>92 11/16</b>
		(Note character and thickness of floor)	
		Total thickness of coal.	
Condition, <b>Dry</b>		Time, <b>1</b> hr. <b>10</b> min.	
Wt. Gross, <b>50</b> lbs.		Net, <b>4</b> lbs.	
What Nos. shipped by Co.?		<b>All but 1</b>	
Excluded from sample: No. <b>Only 1; top coal</b>			
Sample represents <b>92 11/16</b> in. tons.			
Impurities? How do they occur? <b>Coal very clean</b>			

BM.

Sample No. \_\_\_\_\_ Can No. ~~999~~ **999** Lab. No. **30868**

Collector, **Cady & Schroyer** Coal: Survey No. **6**

Mine, **Possum Ridge** Co. **Franklin** Index No. **1133**





Operator, **Taylor Coal Co** Date **Aug 28, 1918**  
 Mine, **Possum Ridge or Freeman** Sec. **33** T. **7 S** R. **2 E**  
 Located, **4½** miles from **Herrin (4 mi N 1 mi E)**  
 Location in mine, **Room 3 off 7th southeast (1400' E 515' S)**

GRAPHIC SECTION		DESCRIPTION OF SECTION (AT POINT SAMPLED)		
In.	No.	No.	(Note character and thickness of roof)	Inches
			<b>Roof: Gray shale</b>	
		<b>1</b>	<b>Coal; top &amp; part middle coal</b>	<b>52</b>
		<b>2</b>	<b>Clay parting</b>	
		<b>3</b>	<b>Coal lower part of middle cl</b>	<b>33</b>
		<b>4</b>	<b>Blue band</b>	<b>1½</b>
		<b>5</b>	<b>Coal</b>	<b>28</b>
			<b>Floor: Gray clay</b>	
				<b>114½</b>
			(Note character and thickness of floor)	
			Total thickness of coal.	
		Condition, <b>Dry</b>	Time, <b>1</b> hr.	min.
		Wt. Gross, <b>50</b> lbs.	Net, <b>4</b> lbs.	
		What Nos. shipped by Co.? <b>All but 4</b>		
		Excluded from sample: No. <b>4; blue band</b>		
		Sample represents <b>113</b> in.		tons.
		Impurities? How do they occur? <b>Very clean</b>		

Sample No. \_\_\_\_\_ Can No. ~~199 or 561~~ **B.M. 991** Lab. No. **30869**  
 Collector, **Cady & Schroyer** Coal: Survey No. **6**   
 Mine, **Possum Ridge** Co. **Franklin** Index No. **1133**  
 R.—COAL SAMPLE SHEET.





Operator, **Taylor Coal Co** Date **Aug 28, 1918**  
 Mine, **Possum Ridge or Freeman** Sec. **33** T. **7 S** R. **2 E**  
 Located, **4½** miles from **Herrin (4 mi N; 1 mi E)**  
 Location in mine, **Stub, 7th west off 4th south off main west**

GRAPHIC SECTION		DESCRIPTION OF SECTION (AT POINT SAMPLED)		
In.	No.	No.	(Note character and thickness of roof)	Inches
			<b>Roof: concealed by top coal</b> <b>1 Top coal left as roof</b> <b>2 Coal</b>	<b>93</b>
			<b>(Blue band not present in this section)</b>  <b>Floor: gray clay</b>	
			(Note character and thickness of floor) Total thickness of coal.	
			Condition, <b>Dry</b> Time, <b>1</b> hr. <b>25</b> min. Wt. Gross, <b>60</b> lbs. Net, <b>4</b> lbs. What Nos. shipped by Co.? <b>2</b>  Excluded from sample: No. <b>1</b> Sample represents <b>93</b> in. tons. Impurities? How do they occur? <b>Coal very clean</b>	

B.M.

Sample No.

Can No. **988** ~~02-486~~

Lab. No.

**30870**Collector, **Cady & Schroyer**Coal: Survey No. **6** Mine, **Possum Ridge** Co.Index No. **1133**

R.—COAL SAMPLE SHEET.



3-4 S - W

about 1/4 mile west  
of 1-2 S - E

G ←

drove thru here

tunnel

2-90 grade

coal

500'

East this fault  
at midway between  
it 7. + Johnston City  
retraced it from Saline Co.  
it to Halfway (SE part West 7.  
Quads.)

Taylor #5 mine

Profile



60  
13,140

185
18
195
13000
585000
195
2535000
13000
38350

drill hole



400'

drill hole



300'

50'

S ←

2-70 grade

Never drove there here

Just W of road along E side section 5

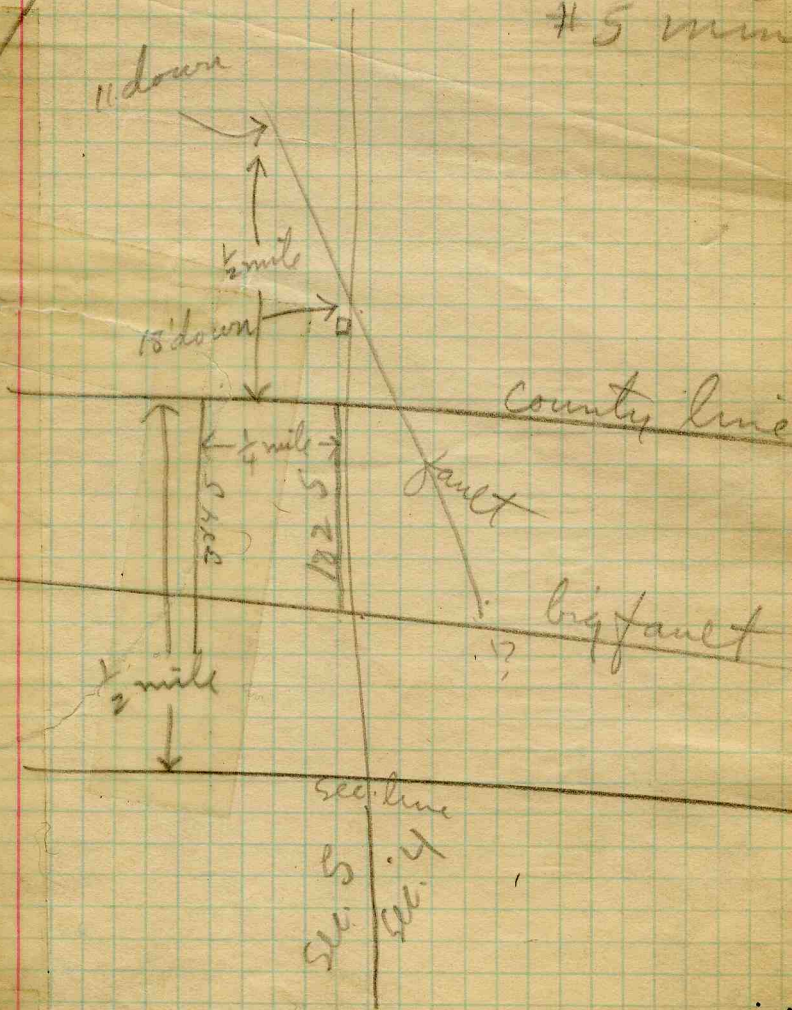
Taylor #5 min  
~~1-25~~ -





Taylor Coal Co.  
Chgo.

#5 mine



holed thru big fault  
only on 3-4 S.

sketch 15 m  
S.D. J.D. 156  
1132