



Form 180 Blue

opened 1912

This shaft (since Sept., 1968) is now serving as a site for disposal of acid water.

mEH 9/69

Location sheet filed

SHAFT A $\begin{matrix} \nearrow \\ \searrow \end{matrix}$ SW NE NE⁽⁶⁾ 7S 3E SEC 20
 SHAFT C $\begin{matrix} \nearrow \\ \searrow \end{matrix}$ NE SE SE⁽²⁾ 7S 3E SEC 29
 SHAFT E SN SW NW 8S 3E SEC 2 \rightarrow WILLIAMSON COUNTY

INFO FROM MINES AND MINERALS REPORT LPA

(new shaft in section 29, but section 20 official location of mine. - JAS 4/57)
OK JAS

NE-SE sec 20

30'N }
540'E } SW/C

Abandoned 2/68

Old Ben C. Corp., #9

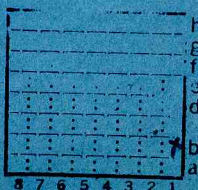
COUNTY No. 265

5-20

Mine Index # Bm65

mine index 44B

FRANKLIN CO.



S. C.	20	20
T.	7	S. C. 2
R.	3	E.
		X
Index No.		



Remains of tipple at Old Ben No. 9
John Nelson- March 1981.

MN 04 002.tif



Mine originally operated by: (1)

Date

1944, May Old Ben Coal Corp

#9B

Original name or number:

Illinois Coal Report

p.

LATER OPERATORS

Date	Operator	Name or No.
2 1949		9
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		

According to JAS (4-57)
 Shaft in 29 may just be
 used as a man shaft. Use
 sec. 20 as official location
 of mine. OK JAS

~~Shaft in 29, man shaft~~
 JAS

new

~~original~~

V @ NW NE SE 20-7-3
 14 @ NE SE SE 29-7-3 (1948) NW, NE SE 20-7-3

OK 4/4/6

*Also owners

#See ownership sheet

Railroad, Wagon, Strip, Idle, Abandoned

IDENTIFICATION

County No. 265

Coal No. 6

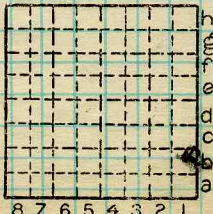
Coal Report No. S-20

6

Quad. W. Frankfort

(1948) 8'8"

County Franklin



Sec. 29
 T. 7 N
 R. 3 E
 Index No.

COAL MINE OPERATOR

29B-1



(Sheets) COAL PRODUCTION (Sheet)

Period						Tons	
Mo.	Day	Year	Mo.	Day	Year		
5	1	1944	12	31	1944		9 325
1	1	1945	12	31	1945		162 006
					1946		602 403
					1947	1	193 465
					1948	1	552 216
					1949	1	060 620
					1950	1	342 113
					1951	1	443 644
					1952	1	285 631
					53	1	214 374
					1954	1	433 521
					1955	1	625 626
					1956	1	745 955
					1957	1	842 672
					1958	1	981 918
					1959	2	025 472
					1960	1	972 640
					1961	1	397 680
					1962	1	452 765
					1963	1	482 119
					1964	1	665 086
					1965	1	876 894
					1966	1	669 337
					1967	1	384 187

SUMMARIES

No. to No.

Railroad, Wagon, Strip, Idle, Abandoned

2168

IDENTIFICATION

County No. 265

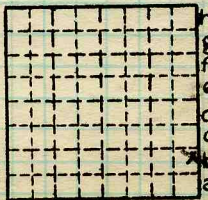
Coal No.

Coal Report No. S-20

6

Quad. W. Frankfort

County Franklin



Sec. 29

T. 7 N. S.

R. 3 E. W.

Index No.

COAL MINE—PRODUCTION

ILLINOIS GEOLOGICAL SURVEY, URBANA





(Sheets) COAL PRODUCTION (Sheet)

Period

Mo. Day Year Mo. Day Year Tons

1968

158 212

SUMMARIES

No. to No.

Railroad, Wagon, Strip, Idle, Abandoned

2168

IDENTIFICATION

County No. 265

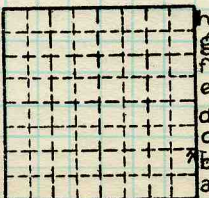
Coal No.

Coal Report No. S-20

6

Quad. w. Frankfort

County Franklin



Sec. 20

T. 7 N.
S.
R. 3 E.
W.

Index No.

COAL MINE—PRODUCTION

ILLINOIS GEOLOGICAL SURVEY, URBANA





Mine originally operated by: (1)

Date

Old Ben Coal Corp.

~~1915~~
1913 1954 coal rept p. 75

Original name or number:

9

Illinois Coal Report

p.

LATER OPERATORS

Date

Operator

Name or No.

2

3

4

5

6

7

8

9

10

11

12

13

14

*This mine produced in 1950.
See active Shipping
Mines Book*

* Also owners

#See ownership sheet

Railroad, Wagon, Idle, Abandoned

SHIPPING MINE

IDENTIFICATION

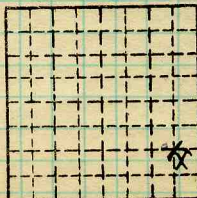
County No. 965

Coal No. 6

Quad. 263

470' to 9' 6" Part

County **Franklin**



Sec. 20

T.	7	N.
R.	3	S.
		E.
		W.

Index No.

1020-16

COAL MINE OPERATOR



(Sheets) COAL PRODUCTION (Sheet)

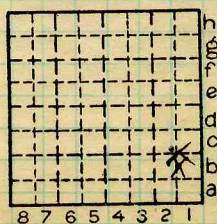
Period				Tons		
Mo.	Day	Year	Mo.	Day	Year	
					1915	377 427
					Daily - 1918	4 500
(11/4/26 - <u>Coal age</u> :- About to resume operations after long shut down.)						
					(Did not run after Jan.) 1927	24 917
					1928 (Idle)	
See active Shipping Mines Book (Active in 1950)						



SUMMARIES					
No.	to	No.			
1913	-	1930			9 008 420

Railroad, Wagon, Idle, Abandoned
IDENTIFICATION 2/48

SHIPPING MINE
County No. 265 Coal No. 6
Quad. 263 Part
County FRANKLIN



Sec. 20
T. 7 N. S.
R. 3 E. W.
Index No.

COAL MINE—PRODUCTION

1020.16



LOCATION AND ELEVATION

Location: side C. 8.8 Q; C. 8. E. 1; I. C. 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 PT) _____) 420.2 ft.

By WBR. Data sheet

DEPTH

Authority Geo. Campbell, Supt. To coal _____ ft.
 Authority Jack Dunn, Mine Supt. Rail to rail _____ ft.
 Top of coal above rail. (Est. Rule) _____ ft.
 To coal 472 ft.

ALTITUDE OF TOP OF COAL

By estimated data _____
 By instrumental data -52 ft.

Thickness

Max. 112 in. Min. 72 in. Aver. 108 in.

GEOLOGICAL DATA

Mine notes, date Yes _____

Coop No. BM 65 Pyr. inv. _____ Coal Ash inv. _____

CHEMICAL DATA

Analyses Face	U. I.	B. M. <u>30882-3-4-5-6</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

SHIPPING MINE 2/68
 IDENTIFICATION

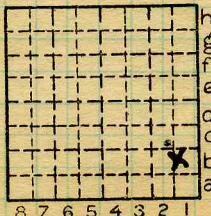
County No. 265

Coal No. 6

Quad. W. Frankfort

Part X

County Franklin



Sec. 20

T. 7 S.

R. 3 E.

Index No.

COAL MINE LOCATION AND DATA

1020-1b

102002-?



Location and Elevation Data

Location: Exact Approximate

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

Location by W. B. Roe

Date August 1, 1932 Notebook No. 614 Page 25 (2198)

Looseleaf ref. _____

Map files No. 5-28-28

Description of location

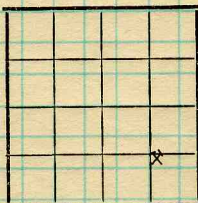
Position in sec., 1/4 sec., 40 acres

4100 feet from North line

1160 feet from East line

_____ feet from South line

_____ feet from West line



Sec. 20
T. 7 S.
R. 3 E.

Other description: MN 1918

Farm _____

No. _____

Company _____

Old Ben Coal Corporation

No. 9 mine

County No. 88

Elevation 422.6 ft.

By W. B. Roe

Method: Level, transit, alidade, hand level

Plane table and alidade

Elevation of Top of rail

Height of point above ground 3"

Date August 1, 1932 Notebook 614 P. 25 (2198)

Looseleaf ref. _____

Map files No. 5-28-28

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

SHIPPING MINE

County Franklin

Quadrangle W. Frankfort

Index No. 1020.26



K. (5) Physical character of coal in benches,

(a) Relative hardness,

Fairly hard

(b) Lustre,

Angular lustre predominant

(c) Fracture,

(d) Texture,

See

(6) Impurities in coal, other than bedded,

(a) Kind,

(b) Position and persistence,

(c) Rejected,

Ease of separation,

See

L. Floor: (1) Material,

(2) Thickness,

(3) Variation,

gray clay shale

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

*and squeeze compacted**- Shows tendency to heave sometimes before sinking is*

See

(5) Clay sample No.

Location,

M. Stratigraphy,

(1) Fossiliferous horizons underground,

Collection No.

Location,

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

See

Collector,

Coal: Survey No.

Mine,

*No. 9*Co. *Franklin*

Index No.

1020



Operator, *Old Ben Coal Corp* Date *9/4/18.*
 Mine, *No. 9.* Sec. *20* T. *78* R. *3E.*
 Located, *1* miles from *W. Frankfort.*
 Location in mine, *4th W. off Main S. 2300ft. S.*

GRAPHIC SECTION DESCRIPTION OF SECTION (AT POINT SAMPLED)

In.	No.	No.	(Note character and thickness of roof)	Inches
			<i>Roof: - Clay shale</i>	
<i>?</i>	<i>1</i>	<i>1.</i>	<i>Top coal left for roof</i>	<i>18 2/4</i>
<i>57 3/7</i>	<i>2</i>	<i>2.</i>	<i>Middle bench</i>	<i>57 3/7</i>
		<i>3.</i>	<i>Compact clay rock</i>	<i>1 1/4</i>
<i>1 1/4</i>	<i>3</i>	<i>4.</i>	<i>Lower benchy lower 5 in very hard.</i>	<i>22</i>
<i>22</i>	<i>4</i>		<i>Floor: - Clay shale</i>	
<i>6 5 3/4</i>				

(Note character and thickness of floor)
 Total thickness of coal.

Condition, *Standard* Time, hr. *40* min.
 Wt. Gross, *43* lbs. Net, *4* lbs.
 What Nos. shipped by Co.? *1, 2 & 4.*

Excluded from sample: No. *3*
 Sample represents *82 3/7* in. tons.
 Impurities? How do they occur?

Sample No. Can No. *67413 B/W.* Lab. No. *30882*

Collector *Schroyer* Coal: Survey No. *6*
 Mine, *Old Ben Coal Corp #9.* Co. *Franklin* Index No. *1020*



Operator, *Old Ben Coal Corp.* Date *9/4/18*
 Mine, *No. 9* Sec. *20 T. 78. R. 3E*
 Located, *1* miles from *W. Franklin*
 Location in mine, *Back No. 4200 ft. north; 300 ft. E. shaft.*

GRAPHIC SECTION		DESCRIPTION OF SECTION (AT POINT SAMPLED)		
In.	No.	No.	(Note character and thickness of roof)	Inches
			Roof:- <i>Rotten clay shale</i>	
<i>?</i>	<i>1</i>	<i>1.</i>	<i>Top coal left for roof</i>	<i>15+</i>
<i>36</i>	<i>2</i>	<i>2.</i>	<i>Middle bench brittle coal</i>	
<i>16</i>	<i>3</i>	<i>3.</i>	<i>Pyrite</i>	<i>1/16</i>
<i>44</i>	<i>4</i>	<i>4.</i>	<i>Lower bench - no distinct blue band present.</i>	<i>44</i>
			Floor:- <i>Clay and shale.</i>	
(Note character and thickness of floor)				
Total thickness of coal.				

Condition, *Ben of Minis Standard* Time, *1* hr. *10* min.
 Wt. Gross, *45* lbs. Net, *4* lbs.
 What Nos. shipped by Co.? *1, 2 & 4.*

Excluded from sample: No. *3.*
 Sample represents *80* in. tons.
 Impurities? How do they occur? *Thin layers of pyrite*

Sample No. _____ Can No. *B.M. 200* Lab. No. *30885*
 Collector, *Schroyer* Coal: Survey No. *6*
 Mine, *Old Ben Coal Corp. #9* Co. *Franklin* Index No. *1020*
 R.—COAL SAMPLE SHEET.



Operator, *Old Ben Coal Corp.* Date *9/4/18*
 Mine, # *9* Sec. *20* T. *78* R. *3E*
 Located, *1* miles from *W. Frankfurt.*
 Location in mine, *Main South entry 4800ft South 300ft East.*

GRAPHIC SECTION DESCRIPTION OF SECTION (AT POINT SAMPLED)

In.	No.	No.	(Note character and thickness of roof)	Inches
			<i>Roof: gray clay shale</i>	
<i>?</i>	<i>1</i>			
<i>57 3/4</i>	<i>2</i>		<i>1. Top coal left for roof.</i>	
			<i>2. Buttle coal.</i>	
<i>17 1/4</i>	<i>3</i>		<i>3. Hard Clay rock band.</i>	
<i>22</i>	<i>4</i>		<i>4. Thinly bedded coal.</i>	
			<i>Floor: clay shale.</i>	
(Note character and thickness of floor)				
Total thickness of coal.				

Condition, *Ben. J. Minott's* Time, *1* hr. *0* min.
 Wt. Gross, *38* lbs. Net, *4* lbs.
 What Nos. shipped by Co.? *1, 2, 84.*

Excluded from sample: No. *3.*
 Sample represents *81* in. tons.
 Impurities? How do they occur?

Sample No. _____ Can No. *135 B. J. M.* Lab. No. *30884*
 Collector, *Schroyer* Coal: Survey No.
 Mine, *Old Ben Coal Corp. #9* Co. *Franklin* Index No. *1020*
 R.—COAL SAMPLE SHEET.



Operator, *Old Ben Coal Corp.* Date *9/4/18.*
 Mine, *#9* Sec. *20* T. *78* R. *3 E.*
 Located, *1 1/2* miles from *W. Frankfort.*
 Location in mine, *1st C. - N. E., 2875 ft. E., 700 ft. N.*

GRAPHIC SECTION

DESCRIPTION OF SECTION (AT POINT SAMPLED)

In.	No.	No.	(Note character and thickness of roof)	Inches
<i>24?</i>	<i>1</i>		<i>Coal</i>	
<i>45 3/7</i>	<i>2</i>		<i>Coal</i>	
<i>1</i>	<i>3</i>		<i>Mother Coal</i>	
<i>17</i>	<i>4</i>		<i>Coal</i>	
<i>17</i>	<i>5</i>		<i>Blue band</i>	
<i>16</i>	<i>6</i>		<i>Coal</i>	
<i>6</i>	<i>7</i>		<i>Coal (Hard thin beds)</i>	

(Note character and thickness of floor)

Total thickness of coal.

Condition, *Standard B.G.M.* Time, *1* hr. *10* min.
 Wt. Gross, *44* lbs. Net, *4* lbs.
 What Nos. shipped by Co.? *2, 3, 4, 6 & 7.*
 Excluded from sample: No. *1 & 5.*
 Sample represents *86 3/4* in. tons.
 Impurities? How do they occur?

Sample No. _____ Can No. *483 B. of M.* Lab. No. *30883*

Collector, *Schuyler* Coal: Survey No.
 Mine, *Old Ben #9* Co. *Franklin* Index No. *1020*



USBM Bull 193, p 150

WEST FRANKFORT. OLD BEN No. 9 MINE.

Analyses 30882 to 30886 (p. 33). Bituminous coal, Illinois field, from Old Ben No. 9 mine, a shaft mine 1 mile east of West Frankfort, in sec. 20, T. 7 S., R. 3 E., on the Chicago, Burlington & Quincy R. R. Coal bed, Herrin, or No. 6; Carboniferous age, Carbondale formation. Maximum thickness of bed is 9 feet 4 inches; minimum, 6 feet; average, 9 feet. The coal is rather hard and has a bright luster. Roof, gray clay shale, top coal left; floor, clay and shale. The bed was sampled by C. R. Schroyer on September 4, 1918, as described below:

Sections of coal bed in Old Ben No. 9 mine.

Section.....	A. 30882	B. 30883	C. 30884	D. 30885
Laboratory No.....				
Roof, clay shale.	<i>Ft. in.</i>	<i>Ft. in.</i>	<i>Ft. in.</i>	<i>Ft. in.</i>
Coal.....	4 9 $\frac{3}{4}$	3 9 $\frac{3}{4}$	4 9 $\frac{3}{4}$	3 0
"Mother coal".....		1		
Coal.....		1 5		
"Blue band".....	a 1 $\frac{1}{2}$	a 1 $\frac{1}{2}$	a 1 $\frac{1}{2}$	
Pyrite.....				a $\frac{1}{8}$
Coal.....	1 10	1 4	1 10	3 8
Coal.....		6		
Floor, clay and shale.				
Thickness of bed.....	6 9	7 3	6 9	6 8 $\frac{1}{2}$
Thickness of coals sampled.....	6 7 $\frac{1}{2}$	7 1 $\frac{1}{2}$	6 7 $\frac{1}{2}$	6 8

a Not included in sample.

Section A (sample 30882) was cut at face of 4 west entry, main south, 1,950 feet west and 2,300 feet south of main shaft. Section B (sample 30883) was cut at face of 1 east entry, northeast, 2,875 feet east and 700 feet north of main shaft. Section C (sample 30884) was cut at face of main south entry, 4,800 feet south and 300 feet east of main shaft. Section D (sample 30885) was cut in back north entry, 4,200 feet north and 300 feet east of shaft.

The ultimate analysis of a composite sample made by combining face samples 30882, 30883, 30884, and 30885 is given under laboratory No. 30886. At time of sampling the daily output was 4,500 tons.

#9 Mine Franklin Co. Coal No. 6 Index No. 1020.81

Co. No. _____ County _____ Sec. _____ T. _____ R. _____ T.&R. _____

Company Old Ben No. _____ Farm Mine No. 9 No. _____

Elev. _____ of _____ by _____ Total depth _____ Year drld. 1914
44

For M Method H Result S Type log _____ Core desc. _____

Stripped _____ Analysis _____ Confd. _____ Publ. _____

Location NE SE ⁴⁰ 50' E., 30' N., SW/COR.

Core logged _____ by _____

Remarks: S-20 ; BM #65, #655

KEY BEDS

Code	Name	Depth	Thk.	Elev.
<u>6</u>		<u>482</u>	<u>8'8</u>	

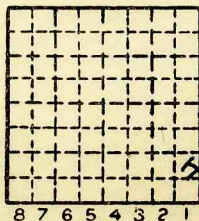
<u>6</u>		<u>482</u>	<u>8'8"</u>	<u>Table 13</u> <u>1958 Coal Rept.</u>
----------	--	------------	-------------	---

Correlations _____

by _____ basis _____

Date _____ Quad. _____

County Franklin Co. No. 265



Sec. 20 B1

T. <u>7</u>	S. <u>*</u>
E. <u>*</u>	
R. <u>3</u>	W. <u>*</u>

ILLINOIS GEOLOGICAL SURVEY, URBANA

Strata	Thickness	Top	Bottom
<p>Old Ben Coal Co. Mine # 9 Sample # 1 4-19-63 Sampled by W. Smith, Gluskoter</p>			
<p>Location - + 50' Room 10, 1st west 31st south 2400'S, 1050'W, NE/c Sec. 3, T. 8S., R. 3E.</p>			
<p>86" coal exposed - about 1 foot left on bottom and at least a few inches on top.</p>			
		<p><i>Williamson County</i></p>	
<p>Coal, normally bright banded, with 1/16- 1/8" discontinuous pyrite bands at 12 1/2" and 17 1/2" below top</p>		<p>From top - down in inches</p>	<p>0 35 3/4</p>
<p>Fusain, within pyrite streaks</p>		<p>35 3/4</p>	<p>36 3/8</p>
<p>Coal, normally bright banded with some calcite and pyrite on cleat faces:</p>		<p>36 3/8</p>	<p>56</p>
<p>Fusain, mineralized</p>		<p>56</p>	<p>56 1/2</p>
<p>Coal, Normally bright banded, as above</p>		<p>56 1/2</p>	<p>63 3/4</p>
<p>Pyrite band, discontinuous up to 1/2"</p>		<p>63 3/4</p>	<p>64 1/8</p>
<p>Coal, normally bright banded</p>		<p>56 1/2</p>	<p>63 3/4</p>
<p>Blue Band</p>		<p>81 1/2</p>	<p>82 1/2</p>
<p>Coal, normally bright banded, pyrite on vertical cleat</p>		<p>82 1/2</p>	<p>86 3/4</p>
<p>Omitted Blue Band and pyrite at 63 3/4"</p>	<p>from</p>	<p>sample.</p>	

ILLINOIS GEOLOGICAL SURVEY, URBANA

Strata	Thickness	Top	Bottom
<p>Old Ben Coal Co. Mine # 9 Sample # 2 4-19-63 Sampled by Smith-Gluskoter</p>			
<p>Location - +12460 25th East, 27 South 1700'E, 1900'S, NW/c, Sec. 2, T. 8S., R. 3E.</p>			
<p>86" of coal exposed - some remaining at top and bottom.</p>			
	from top down in inches		
<p>Coal, normally bright banded, with calcite and pyrite on cleat faces, thin (1/16") pyrite streak at 32", Dull coal bands at 52-52 3/4" and at 60-60 1/2"</p>		0	66
<p>Coal, abundant pyrite in closely spaced vertical fractures</p>		66	68 1/2
<p>Blue Band</p>		68 1/2	69 3/8
<p>Coal, normally bright banded</p>		69 3/8	72 1/2
<p>Pyrite streak, from 0-1/8"</p>		72 1/2	
<p>Coal, normally bright banded</p>		72 1/2	86
<p>Omitted blue band from sample</p>			

Williamson Co.

ILLINOIS GEOLOGICAL SURVEY, URBANA

Strata	Thickness	Top	Bottom
Old Ben Coal Co. Mine # 9 Sample # 3 4019-63 Smith & Sluskoter			
Location: +60' Room 16, 5th north, 1st west, 27th south 1600'E, 25'N, SW/c, Sec. 3, T. 8S., R. 3E.			
84 3/4" coal exposed - some left at top and bottom <i>Williamson Co.</i>			
		From top down in inches	
Coal, normally bright banded		0	4 3/8
Coal, Dull		4 3/8	4 5/8
Coal, normally bright banded with calcite on cleat faces, some pyrite on cleats, occasional fusain bands, discontinuous up to 3/8"		4 5/8	46 1/2
Coal, dull, boney		46 1/2	47 1/8
Blue Band		61 7/8	62 3/4
Coal, normally bright banded, some calcite on cleats, thin fusain bands		62 3/4	84 3/4
Blue Band omitted from sample.			