



Form 180 Blue

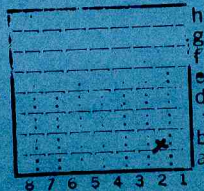
Location sheet filed

Old Ben C. Corp., #14

COUNTY NO 256

5-10

Mine Index # ⁶⁶⁵ 655,
BM 13



Sec. 20
 T. 6 S. X
 R. 0 E. X
 Index No.



Mine originally operated by: (1)

Date **United Coal Mining Co.**
1911

Original name or number: #2 "Christopher"
Illinois Coal Report 1911 p.

LATER OPERATORS

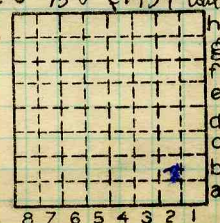
Date	Operator	Name or No.
2 1915	United Coal Corporation	#2
3 1916	Old Ben Coal Corporation	#14
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		

580' N 860' W of SE Corn. SE SE (1948) 1444 ok
 * Also owners #See ownership sheet

Railroad, Wagon, Idle, Abandoned **Shaft 458' (1954 Coal report, p. 75)**

Mo. Pac., C.B.&O., I.C.
IDENTIFICATION

County No. **256** Coal No. **6**
Herrin
 Quad. **254** Part
 (1948) **8' 11"**
 County **Franklin**



Sec. **20**
 T. **6** S.
 R. **2** E.
 Index No.
0620 b2

COAL MINE OPERATOR



(Sheets) COAL PRODUCTION (Sheet)

Period				Tons	
Mo.	Day	Year	Mo.	Day	Year
		1927			
		1931			
		1932			
		1935			
		1936			
		1937			
		1938			
		1939			
		1940			
		1941			
		1942			
		1943	1	101	359
		1944	1	245	686
		1945	1	277	988
		1946	1	049	042
		1947	1	109	946
		1948	1	038	305
		1949			
		1950			
		1951			
		1952			
		53			
		1954			
		1955			

SUMMARIES

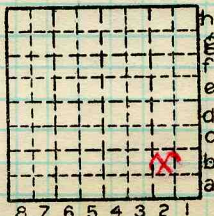
No.	to	No.				
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Railroad, Wagon, Strip, Idle, Abandoned

IDENTIFICATION

County No. 256
 Coal Report No. 5-10
 Quad. 264
 County Franklin

Coal No. 6



Sec. 20

T. 6 S.
 R. 2 E.
 Index No.

0620 b2

COAL MINE—PRODUCTION

ILLINOIS GEOLOGICAL SURVEY, URBANA





(Sheets) COAL PRODUCTION (Sheet 2)

Period						Tons		
Mo.	Day	Year	Mo.	Day	Year			
					1956	935	960	
					1957	978	356	
					1958	1	081	355
					1959	1	131	371
last operated 7/60								

SUMMARIES

No.	to	No.				

Railroad, Wagon, Strip, Idle, Abandoned

IDENTIFICATION

County No. 256

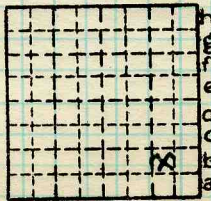
Coal No.

Coal Report No. S-10

6

Quad. 264

County FRANKLIN



Sec. 20

T. N.
6 S.
R. 2 E.
W.
Index No.

COAL MINE—PRODUCTION

ILLINOIS GEOLOGICAL SURVEY, URBANA

0620 82





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**) **397.775** ft.

By **Co Elev.** Data sheet

DEPTH

Authority To coal **Bottom** **459** ft.
 Authority Rail to rail _____ ft.
 Top of coal above rail. (Est. Rule) _____ ft.
 To coal **451** ft.

ALTITUDE OF TOP OF COAL

By estimated data _____
 By instrumental data **-53** ft.

Thickness

Max. in. Min. in. Aver. **102** in. **107**

GEOLOGICAL DATA

Mine notes, date **1916 (Little)**

Coop No. **BM 13** Pyr. inv. Coal Ash inv.

Survey Mine Index # 665

CHEMICAL DATA

Analyses Face	U. I.	B. M. 23473-4-5-6-7-8	Others #26129
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

BM13
 Classification **R.I. 132 U.C.I. 147**

Misc. tests: Coking. Cleaning Boiler

Published descriptions:—

**580' N }
 860' W } SE cor. SE SE**

Railroad, Wagon, Idle, Abandoned

IDENTIFICATION

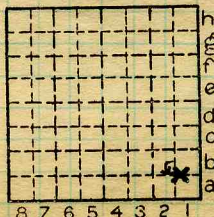
5-10 County No. **256**

Coal No.

6

Part

Quad. **Herrin**
 County **Franklin**



Sec. **20**

T. **6** S.

R. **2** E.

Index No. **26**
0620.26

COAL MINE LOCATION AND DATA



John C. Moore Corporation, Rochester, N. Y. Binder and holes in leaves, each Patented 1906, (35031-500-6-25)

Mine Name or No. 14 Mine Address Buckner

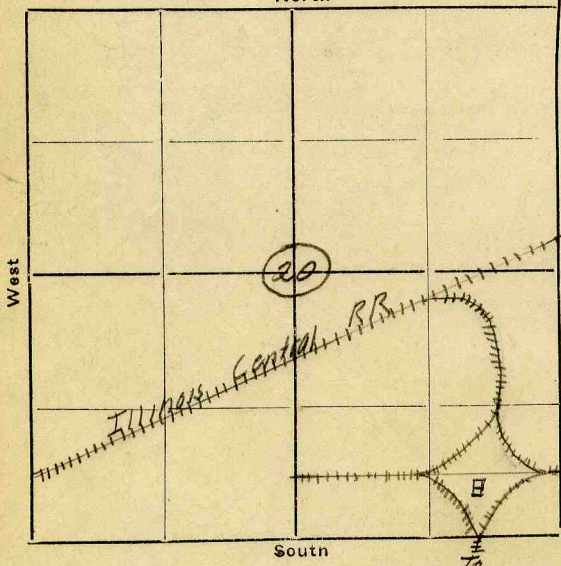
Operator Old Ben Coal Corp

Main Office Address 230 S Clark St
Chicago

Location of Mine:
Township Name _____ County Franklin

Section No. 20 Township 6 S Range 2 E W

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



Kindly state number of feet from ~~center~~ section lines:

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

Idle entire year 19____ Yes
No

Abandoned (date) 19____

To Missouri Pacific

Surface landing is 390 feet above sea level or about _____ feet (above)

(below) railroad station at _____ (nearest town).

Depth to top of coal is 451 feet.

Average thickness of coal is _____ feet _____ inches.

Do not fill in below this line.

Coal Bed Name Belleville Survey No. 6

County Franklin Index No. _____



Location and Elevation Data

Location: Exact Approximate

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

Location by W.B. Roe

Date 7-28-1932 Notebook No. 614 Page 11(2070)

Looseleaf ref. _____

Map files No. 5-28-28

Description of location

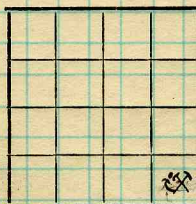
Position in sec., 1/4 sec., 40 acres

_____ feet from North line

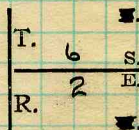
500 feet from East line

610 feet from South line

_____ feet from West line



Sec. 20



Farm _____

No. _____

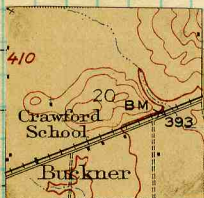
Company _____

Old Ben Coal Corporation

No. 14 mine

County No. 256

Other description: _____



Elevation 398.8 ft.

Co. El. 397.775

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 7-28-1932 Notebook 614 P. 11(2070)

Looseleaf ref. _____

Map files No. 5-28-28

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

County Franklin
~~Williamson~~
(45576-1M-10-30)

Quadrangle
Herrin

Index No.
0620.2b



4



Location and Elevation Data

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

Location by W.B. Roe
 Date 7-28-1932 Notebook No. 614 Page 11(2071)
 Looseleaf ref. _____
 Map files No. 5-28-28

Description of location

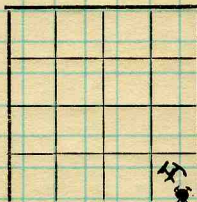
Position in sec., 1/4 sec., 40 acres

_____ feet from North line

510 feet from East line

~~200~~ 225 feet from South line

_____ feet from West line



Sec. 20		■
T.	6	S.
R.	2	E.

Other description: MN 1916

Farm _____
 No. _____
 Company Old Ben Coal Corporation
 No. 14 mine
 County No. 163

Elevation 397.6 ft.

By W.B. Roe

Method: Level, transit, alidade, hand level
Plane table and alidade

Elevation of Corb

Height of point above ground _____

Date 7-28-1932 Notebook 614 P. 11(2071)

Looseleaf ref. _____

Map files No. 5-28-28

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



Operator, *Old Ben Coal Co*

Date *Aug 22 1931*

Mine, *No 14*

Sec. *20* T. *6 S* R. *2 E*

Location in mine,

1st X-Cut 3rd East of 16th North past 4th Panel (over)

GRAPHIC SECTION		DESCRIPTION OF SECTION (AT POINT SAMPLED)	
In.	No.	No.	Inches
	7		
	6		
	5		
	4		
	3		
	2		
	(1)		

Top of entry 87" above clay. Probably 2' more of coal above.

(7) Dull coal 1/4"
(6) Very dull coal which is characteristic of this horizon in seam 3/4"

(5) Charcoal and dull coal 1/4"
(4) Charcoal 1/4"
(3) Charcoal 1/4"
(2) Dull coal 3/4"

(1) Dull boney Coal-Horizon of "Blue Band"

(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?

Hearing Fire Clay

(1 division = 3 in.)

Sample No. *No. Column* Can No. *7-29*

Lab. No.

Collector, *H. P. Nicholson*

Coal: Survey No.

Mine, *Old Ben #14* Co. *Franklin*

Index No.

6



Sample R 29

A considerable amount of time was spent in attempting to find a corner of reasonably fresh coal from which to cut a column. Room and X-Cut corners were too old in this section and a new corner on new entry was chosen. After spending several hours picking down the top coal and overhang it was soon apparent that the rashing of the coal would be great.

As soon as a square corner would be worked up, the coal would crack and split and fly off. After more than $\frac{3}{4}$ of a day was spent it was abandoned. Only a channel sample was taken, which Mr Roy Adams desired. Therefore there is no Column 29

Aug 22 1931

H. A. Ruben

This sample was taken at a point 7700' East and 2800' North of the main hoisting shaft.



Operator, Old Ben Coal Co.

Date 8-5-38

Mine, #14

Sec. 20 T. 65 R. 2 E

Location in mine, 2nd west of 3rd North off main west - about station 6000

GRAPHIC SECTION		DESCRIPTION OF SECTION (AT POINT SAMPLED)		
In.	No.	No.	(Note character and thickness of roof)	Inches
14	5 top coal			
71	4 Coal			
		(Note character and thickness of floor)		
		Total thickness of coal		
3/4	3 blue band	Condition, fresh	Time, hr. 20 min.	
		Wt. Gross, lbs.	Net, 50 lbs.	
18	2 Coal.	What Nos. shipped by Co.? 6" lump - 3" x 6" - 2" x 3" four sizes prepared from minus 2".		
		Excluded from sample: No. 5 1, 3, 5		
6	1 bottom coal	Sample represents 89 in.	tons.	
(1 division - 4 in.)		Impurities? How do they occur? Blue band - car - actinetic slaty band - very persistent		

Sample No.

Can No.

Lab. No.

Collector, C.C. Booley, Co. W. Land,

Coal: Survey No.

Mine, Old Ben #14

Co. Franklin

Index No.

R. COAL SAMPLE SHEET.

0620. B2



INDEX

Old Ben #14, about 5 miles west of Benton.
 Supt superintendent, Howard Lewis. Mine manager,
 John Vaughn. Top superintendent - Spode. Top boss -
 Roller.

Shaft mine, about 495 feet deep to coal.
 Produces about 4000-4300 T/day. Cars for
 shooting - Goodman coal-loaders.

Shaking screens prepare +6", 3" x 6", 2" x 3",
 and 2" sags. +6" is handpicked; 3" x 6" and 2" x 3"
 is washed in Cals (equiv. S.G. = 1.4); and -2"
 is screened into 4 smaller products without
 washing. Loading bins equipped with oil sponges,
 for handling oil or water-soluble paint.

Shaft location in NW-SE-SE-20-65-2E

Collector C. C. Boley - G. W. Land
 Mine Old Ben #14 Co. Franklin
 X.—EXTRA SHEET NO.

Coal: Survey No.
 Index No. 0620. B2



BUCKNER. No. 2 MINE.

Analyses 23473 to 23478 (p. 33). Bituminous coal, Illinois field, from No. 2 mine, a shaft mine one-half mile east of Buckner, on the Illinois Central R. R. Coal bed, No. 6 of the Illinois geological survey; carboniferous age, Carbondale formation. Bed is of uniform thickness, averages about 8 feet 6 inches. Roof is massive, brittle shale, which falls readily; floor is hard, smooth clay. Cover, about 550 feet. The bed was sampled by J. R. Fleming November 30, 1915, as described below:

Sections of coal bed in No. 2 mine.

Section.....	A 23473	B 23474	C 23475	D 23476	E 23477
Laboratory No.....					
Roof, brittle shale.....	<i>Ft. in.</i> a 1 2	<i>F. in.</i> a 1 4	<i>Ft. in.</i> a 1 6	<i>Ft. in.</i> a 1 4	<i>Ft. in.</i> a 1 4
Top coal b.....	Streak.	Streak.	Streak.	Streak.	Streak.
Roof parting.....	3 6	.. ..	.. ..	3 5	1 5
Coal, bright.....	.. ..	.. ..	.. ..	.. ..	a 1
Coal, bony.....	.. ..	.. ..	.. ..	.. ..	2 0
Coal, hard, bright.....	.. ..	.. ..	.. ..	Streak.	a 1/2
"Mother coal" and "sulphur".....	a 1/2	.. ..	.. ..	2 3	1 4
Coal, hard, bright, and dull layers.....	2 5	5 4	4 4	a 1 1/2	a 1/2
"Mother coal" and bone.....	.. ..	.. ..	a 1/2	3	5 1/2
Coal, bright, brittle.....	.. ..	.. ..	9	a 1	1 1/2
"Blue band" (carbonaceous shale).....	a 1 1/2	a 2	a 3	11	1 3
Coal, hard, bright.....	1 3	1 4	1 4 1/2	.. ..	.. ..
Floor, clay.....	.. ..	.. ..	.. ..	.. ..	.. ..
Thickness of bed.....	8 6	8 2	8 3	8 4 1/2	8 1 1/2
Thickness of coal sampled.....	7 2	6 8	6 5 1/2	6 10	6 7

a Not included in sample.

b Thickness estimated.

Section A (sample 23473) was measured at the face of the main east entry, 3,600 feet east of the shaft. Section B (sample 23474) was measured at the face of 5 south entry, main east entry, 3,000 feet southeast of the shaft. Section C (sample 23475) was measured at the face of 3 south entry, main east entry, 3,000 feet south of the shaft. Section D (sample 23476) was measured at the face of 27 room, 8 panel, 4 north entry, main west entry, 2,400 feet northeast of the shaft. Section E (sample 23477) was measured at the face of 6 panel, 3 north, main west entry, 1,900 feet north of the shaft.

The ultimate analysis of a composite sample made by combining equal portions of samples 23473, 23474, 23475, 23476, and 23477 is given under laboratory No. 23478.

The mine is opened by a shaft 555 feet deep and is worked on the room-and-pillar panel system. In 1915 the coal was undercut with electric chain breast machines and broken down with permissible explosives, 1 or 2 feet of coal being left for immediate roof, because of the weakness of overlying shale. About 10 per cent of the coal was shipped as run-of-mine; approximately 45 per cent of the screened coal passed a 2-inch screen. The tippie was equipped with shaker screens with seven different sizes of openings, ranging from three-fourths to 6 inches, which made it possible by combining the coal through the different screens to make a large variety of sizes for the market, the four principal sizes being 6-inch lump, 3 to 6 inch egg, 2 to 3 inch nut, and 2-inch slack. There were four loading tracks. None of the coal was washed or coked. The average production of the mine was about 4,000 tons, and was to be increased to 5,000 tons. The probable lifetime of the mine was 20 years.

USBM Bull 123 p 171-2

Mine # 2

Franklin Co.

Coal No. 6

Index No 062090



USBM 193, p 144-5

BUCKNER. UNITED No. 14 MINE.

Analysis 26129 (p. 30). Bituminous coal, Illinois field, from United No. 14 mine, a shaft mine $\frac{1}{2}$ mile east of Buckner, on the El Dorado-St. Louis branch of the Illinois Central R. R.; also served by the Chicago, Burlington & Quincy R. R. Coal bed: Herrin, or No. 6, of the Illinois Geological Survey; Carboniferous age, Carbondale formation. Bed averages 9 feet 6 inches in thickness; roof, gray shale; floor, fire clay; cover at sampling, 550 feet. The bed was sampled by J. R. Fleming on September 13, 1916, as described below:

Section of coal bed in No. 2 mine.

	Ft. in.
Roof, shale.	
Top coal ^a	2 0
Coal, bright, brittle	1 0
Bone ^a	1
Coal, laminated with dull streaks	4 3
"Blue band," shale ^a	1
Coal, hard	1 4
Floor, fire clay.	
Thickness of bed	8 9
Thickness of coal sampled	6 7

Sample 26129 was cut at face of 8 panel, off 6 north, off main east, in by room neck No. 9.

The shaft is 555 feet deep. System of mining, room and pillar, in panels. In 1916 the coal was all undercut by chain breast machines and shot down with permissible explosive. Daily average output, over 4,000 tons; capacity, 5,000 tons.

For description and analyses of other samples of this coal see Bureau of Mines Bull. 123, pp. 33, 171.

a - not included in sample

#14 Mine Franklin Co, Coal No. 6, Index No. 0620.90

