

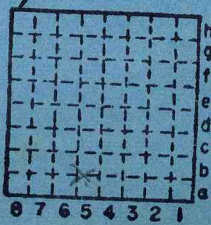
M.S. # 818 - 1906

171 - 1921 pub. B 62.

Geo. Brown, Binkley

+
Binkley + Miles

Co. # 488



Sec. 6
 T. 9 N.
 R. 8 E.
 Index No. 0700



"On the basis of field notes by Cady & Grout there probably were several small mines, both strip and underground. The notes have been lumped together. The portion of the mines in the E/2 SW/4 sec. 6 were later included in the Blue Ribbon, #2 mine. It does not seem worthwhile to attempt to untangle them."

- M.A.Parker, Oct.'57.

Chemical analyses are lumped together also.

Mine index #818 is for a strip - sampled in 1906.

Called "Binkley & Miles"

Mine index #171 is for a drift - sampled in 1921.

Called "George Brown, Blinkley mine". Published B62.

SEE NEXT PAGE FOR COAL REPORT TRACING ON MINES CONCERNED WITH THE "BINKLEY PROBLEM".

1906	Marion Brinkley	drift
1907	Marion Brinkley Binkley & Miller	drift shaft
1908-9	Binkley & Miles	shaft
1910	Binkley Mills Co.	strip
1911	Brinkley Miles Co.	shaft
1912 (nothing)		
1913	Brinckley & Miles new-shipping	strip
1914	Brinkley - Miles Co. shipping	strip
1915	Brinkley Miles (Binkley Miles Co., Marion reported in "idle or abandoned" list)	slope or abandoned
1916	Em. McClanahan (formerly Binkley - Miles)	slope
1917	E. McClanahan	slope
1918	John McClanahan	
1919	McClanahan Bros. Bendley Bros.	
1920	J. McClanahan & Co. Binkley Bros.	
1921	Fifth Vein C.C. shipping [?] McClanahan Bros.	
1922	Brinkley C.C., #1 shipping [?] (formerly Fifth Vein CC)	slope
1923	Binkley C.C., #1 shipping [?]	slope
1924-26	McClanahan Bros. (CC)	



Location and Elevation Data

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

Location by.....

Date..... Notebook No..... Page.....

Looseleaf ref.....

Map files No.....

Description of Location

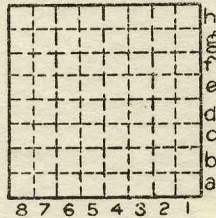
Position in sec., 1/4 sec., 40 acres

.....feet from North line

.....feet from East line

.....feet from South line

.....feet from West line



Sec. 6
T 9 N.
S.
R 3 E.
W.

Other description:.....

Farm.....

No.....

Company George Brown

Binkley

No.....

County No. ~~455~~ 1619

*This may be a dup. of
Co # 488 in sec. 6 A5
MMP 8/15/57*

Elevation.....ft.

By.....

Method: Level, transit, alidade, hand level

Elevation of.....

Height of point above ground.....

Date..... Notebook..... P.....

Looseleaf ref.....

Map files No.....

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

LOCAL MINE

County Quadrangle Index No.

28294-5M-5-5-27

0706

Williamson

Not published

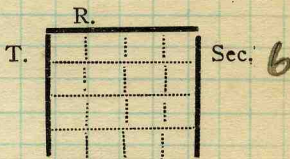
mine index 171 - a 2004

Town, *Spillertown*
Local Authority,

Surface alt., ft.
Depth to coal, ft.
Alt. top coal, ft.
Thickness: Av. in.
Max. in., Min. in.

Level: Auth.,
Method,

R. R.



Location: authority,

(Show R. R.)

Operator

Mine Name or No.

19 *Brown, Geo.*

Blinkley

Successor to
Date

Succeeded by
Date

Succeeded by
Date

PRODUCTION.

								U. S. No.
19								

Geol. Notes?

Coop. No.

Coal secs?

Analyses No. *80626, 331*

Examined by

Ref.

Coal bed name: Local

Survey No.

County *Williamson*

Index No. *0706*

K.—~~A~~ ~~MINING~~ OR LOCAL COAL MINE.

Operator, *George Brown* Date *July 25, 1921*
 Mine, *Blinkley* Sec. *6* T. *9S* R. *3E*
 Located, *2 1/2* miles from *Marion*
 Location in mine, *100' N. and 30' E. of opening of slope*

GRAPHIC SECTION		DESCRIPTION OF SECTION (AT POINT SAMPLED)	
In.	No.	No. (Note character and thickness of roof)	Inches
		<i>Gray shale</i>	
		<i>1. Coal (left as roof)</i>	<i>18"</i>
		<i>2 Coal</i>	<i>20</i>
		<i>3 Pyrite</i>	<i>1/8</i>
		<i>4 Coal</i>	<i>4 1/2</i>
		<i>5 Pyrite</i>	<i>1/8</i>
		<i>6 Coal pyrite stringers</i>	<i>29 1/2</i>
		<i>7 Shale</i>	<i>1/2</i>
		<i>8 Coal</i>	<i>7 1/2</i>
		<i>9 BB shale</i>	<i>1</i>
		<i>10 Coal</i>	<i>16</i>
		<i>Tap 79</i>	
		<i>Dark grey floor clay</i>	
		(Note character and thickness of floor)	
		Total thickness of coal.	<i>97 1/4</i>
		Condition, <i>Dry, Stale</i>	Time, ^{<i>12:00</i>} _{<i>11:22</i>} hr. <i>38</i> min.
		Wt. Gross, <i>57</i> lbs.	Net, <i>4</i> lbs.
		What Nos. shipped by Co.?	
		Excluded from sample: No. <i>1, 7, 9</i>	
		Sample represents <i>77 1/4</i> in.	tons.
		Impurities? How do they occur?	

Sample No. *W-21-70* Can No. *18039* Lab. No. *7*
 Collector, *Wilson* Coal: Survey No. *6*
 Mine, *Blinkley* Co. *Williamson* Index No. *0706*
 R.—COAL SAMPLE SHEET.
 Mine index 171 - α 2004



LOCATION AND ELEVATION

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

on top. map Location sheet

Elevation: Method, 1. Est. () ft. 2. Inst. (kind Hand Level) 507 ft.

By G.H.C. NB79 p.7 c3 Data sheet

DEPTH

Authority To coal ft. Authority Rail to rail ft. Top of coal above rail. (Est. Rule) ft. To coal 20 ft.

ALTITUDE OF TOP OF COAL

By estimated data By instrumental data 487 ft.

Thickness

Max. in. Min. in. Aver. 96 in.

GEOLOGICAL DATA

Mine notes, date Coop No. Pyr. inv. Coal Ash inv.

CHEMICAL DATA

Analyses Face U. I. 331 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

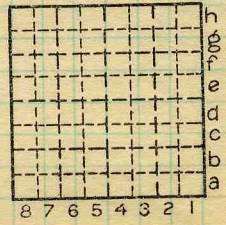
Published descriptions:—

Railroad, Wagon, Idle, Abandoned

IDENTIFICATION

County No. 488 Coal No. 6 Part

Quad. W. Frankfort County Williams on



Sec. 6 T. 9 N. S. R. 3 E. W. Index No. 0706 25

COAL MINE LOCATION AND DATA



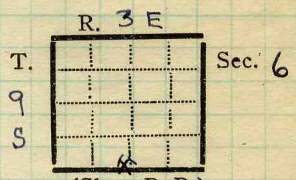
Town, Spillertown
Local Authority,

Surface alt., 507 ft.
Depth to coal, 20 ft.
Alt. top coal, ft.
Thickness: Av. 108 in.
Max. in., Min. in.

Level: Auth., Cady NB. 79-p7 (C3)

Method, H.L.

R. R.,



Location: authority, Photol. map.

(Show R. R.)

Operator Gen. coal Rept 488 Mine Name or No.

1909 Binkley and Miles

No. 2 (shaft)

Successor to
Date
Succeeded by
Date
Succeeded by
Date

PRODUCTION.

							U. S. No.
19							

Geol. Notes? Yes Coop. No. Extra Coal secs?

Analyses No. 331

Examined by _____ Ref. _____
Coal bed name: Local #7 Survey No. 6
County Williamson Index No. 0706

~~K. ACTIVE SHIPPING OR LOCAL COAL MINE.~~



COAL MINE NOTES.

COUNTY *Williamson*

TOWN *Marion*

MAP No. *0706*

T. *9S*

R. *3E*

S. *6 SE. SW.*

OPERATOR *Binkley and Miles Co*

OFFICE *Marion*

MINE *Miles.*

Old Blackburn Mine

TIPPLE

ENGINES

BOILERS

DRUM

SHAFT

CAGE

HAULAGE

CARS

VENTILATION

DRAINAGE

SPRINKLING

WORKING SYSTEM

MINING METHODS

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

COST OF LAND OWNED

LEASED

HELD IN FEE

ADDITIONAL NOTES

0706



Mine originally operated by: (1)

Binkley & Miles Coal Co.

Date 1909

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

LATER OPERATORS

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

* Also owners

#See ownership sheet

Railroad, Wagon, Idle, Abandoned

LOCAL MINE

IDENTIFICATION

County No. 488

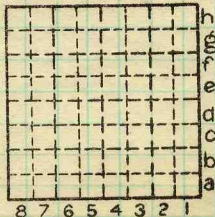
Coal No.

6

Quad. W. Frankfort

Part

County Williamson



Sec. 6

T. 9

N. S.

R. 3

E. W.

Index No. 0706 R5

COAL MINE OPERATOR



(Sheets) COAL PRODUCTION (Sheet)

Period						Tons	
Mo.	Day	Year	Mo.	Day	Year		
7	1	1912	6	30	1913	✓	15 000
7	1	1913	6	30	1914	✓	10 000
7	1	1914	6	30	1915	abandoned	
							25 000

Binkley & Miles ✓

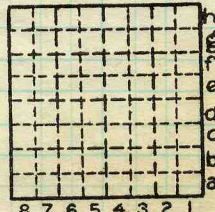
SUMMARIES					
No.	to	No.			
	Total			✓	25 000

Railroad, Wagon, Strip, Idle, Abandoned 1914

Sec. 6

IDENTIFICATION

County No. _____ Coal No. _____
 Coal Report No. _____
 Quad **W Frankfort**
 County **Williamson**



T. N.
 9 S.
 R. 3 E.
 W.
 Index No.

0706 04

COAL MINE—PRODUCTION

ILLINOIS GEOLOGICAL SURVEY, URBANA





COAL MINE NOTES.
CONTINUED.

OPERATOR *Binkley and Miles Co* MINE *Miles*
 ENTRANCE *stripping* NAME OF COAL BED # *6*
 ELEVATION THICKNESS OF COAL
 DEPTH TO FLOOR MAX. MIN. AV. *108"*
 ALTITUDE OF COAL *480*
 LOCATION OF SECTION

No.	SECTION.	In.
1	<i>Surface</i>	<i>8'</i>
2	<i>Gray slate</i>	<i>4'</i>
3	<i>Black slate</i>	<i>18"</i>
4	<i>Soft Coal</i>	<i>16"</i>
5	<i>Coal</i>	<i>59"</i>
6	<i>Blue Band</i>	<i>1/2" to 1"</i>
7	<i>Coal</i>	<i>24"</i>
8		
9		
10		
11		
12		
Tape		Total

SAMPLE No.

CAN No.

CONDITION

GROSS WEIGHT

TIME EXPOSED

NOT SHIPPED

NOT INCLUDED *6*

SECTION



PHYSICAL PROPERTIES BY NUMBERS

ROOF *Black slate 18"*

FLOOR

DIP *N.W.*

FAULTS, ETC.

GAS

COLLECTOR *Grout Cady.*

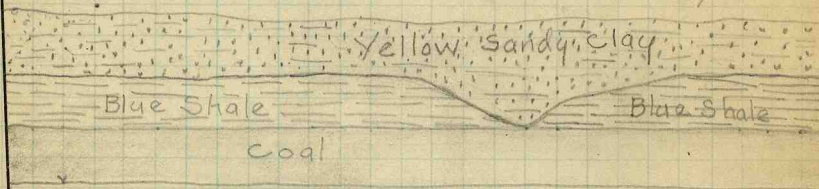
REFERENCE *N.B. 7, P 81 N.B. 79*

DATE

0706

INDEX

Binkleg + Miles Stripping
1 Mile North West from Scottsburg.



Scale
0 5 10 15 20 25

Overburden 8' to 16'; coal 8' to 9 1/2'. Contact of overburden and shale very unconformable.

Section

- 1 Surface (Yellow sandy clay) 6' ±
- 2 Shale, brownish white, soft when fresh, become hard on weathering, breaks into small blocks more or less sandre. (Fresh bluish gray) 8' ±
- 3 Coal, containing a number of slips, breaks into fair size blocks, is a peacock coal; reported to burn to a white ash

Section of coal

- 1 Top coal 24"
- 2 Mother coal parting
- 3 Middle Bench 5'-2"
- 4 Blue Band 0'-1/4"
- 5 Lower Bench 25"

Coal dips 3°, N13°W

Lower bench hardest very little peacock coal coal mostly dull.

Middle bench considerably peacock; some glaucous coal, cat faces.

Upper bench similar to middle.

Clay sample: Clay 19" thick at sample pit.

Upper part more carbonaceous than lower.

Clay whitens and slacks when exposed to the air.

Collector KONWhite

Coal G

State No. 0706

Mine Binkleg + Miles Co. Williamson

Co-op No. Extra

X.—EXTRA SHEET No. 1 Marion

INDEX

Binkley & Miles Stripping, Near Spillertown.

Coal #6.

Overburden 18'-6"

Surface.

5'

Yellow sticky clay

6'

Yellow sandy clay breaks into squares, discolored with brown stains

4'

Blue shale (Soapstone)

Coal

Coal 8' to 9' thick. To the North, coal has been worked out by drift mining.

Overburden is broken by plow and removed by scrapers.

Black slate, occurs as roof as well as blue shale. Slate is black very carbonaceous, shaly, and breaks in tabular squares.

Stripping across road, with base of coal concealed, shows coal visible 7'. Iron stains occur along cleavage faces. Cleat best developed 520° E. Variable cleavage along a line $N52^{\circ}$ E.

O.S. Tippy gives cost of removing surface by plow and scrapers, in excavating for a reservoir in the vicinity as 18¢ per cu. yd.

Collector *Kowhite*

Mine *Stripping*

X.—EXTRA SHEET No.

Coal #6

Co. *Williamson
Marion*

State No. **0706**

Co-op No. *Extra*

INDEX

At Spillertown stripping clay is reported 4' thick, also reported whiter.

Overburden broken by plows and removed by scrapers.

Coal is drawn up engine by cable to tippie and loaded into gondolas.

A small steam plant is used to draw the car up the slope; lift about 40'.

Cost of stripping 15¢ per cu. yd.
Cost of mining coal, including cost of loading, maintenance, depreciation of plant etc. 20¢ per ton.

Gross cost of loading coal into cars, with 15' overburden to strip. 45¢ per ton.

Coal shot by heaving shots; holes bored as low as possible.

Collector K.D. White

Mine Binkley + Miles

X.—EXTRA SHEET No. 2

Coal 6

Co. Williamson

Marion

State No. 0706

Co-op No. Extra