

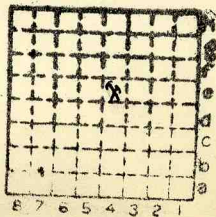


Form 180

OLD BEN C CORP #16

Co. No. 250

M.i. # 50, BM 22



Sec. 19

T.	5	N.	S.
R.	2	E.	W.

Index No.





Mine originally operated by: (1)

Date

1911

Franklin Co. Colliery Comp.

Original name or number:

#1 (old Keller)

Illinois Coal Report

p.

LATER OPERATORS

Date	Operator	Name or No.
2	1911 Sesser Coal Co.	Sesser
3	Old Ben Coal Corp.	#16
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		

* Also owners

#See ownership sheet

Railroad, Wagon, Idle, Abandoned

SHIPPING MINE IDENTIFICATION

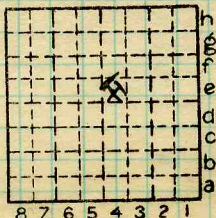
County No. 250

Coal No. 6

Quad. 254

Part 7

County Franklin



Sec. 19

T. 5 N. S.

R. 2 E. W.

Index No.

COAL MINE OPERATOR

0319.4e



Mine originally operated by: (1)

Date
1907

Sesser Coal Co.

Original name or number:
Illinois Coal Report 1954 p. 75

Sesser

LATER OPERATORS

Date	Operator	Name or No.
2 1922	Old Ben Coal Corp.	No. 16
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		

*Also owners #See ownership sheet

SHAFT Railroad, Wagon, Strip, Idle, Abandoned

647'

IDENTIFICATION

8'8"

County No. _____

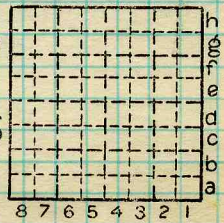
Coal No.

Coal Report No. _____

6

Quad.

County **FRANKLIN**



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

COAL MINE OPERATOR



(Sheets) COAL PRODUCTION (Sheet)

Period						Tons		U.S. No.	
Mo.	Day	Year	Mo.	Day	Year				
		(Fiscal) 1915				568	254	634	
		Dept. of Mines: - 1925-26 - 2 ^{ll}							
		1927			"				
		1928			"				
		abd. 1931 (W.B.R.)							

SUMMARIES

No. (1907)^{to}
date opened thru 1930

No. 6 403 649
~~6 403~~

Railroad, Wagon, Idle, Abandoned

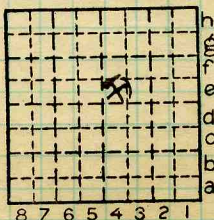
IDENTIFICATION

SHIPPING MINE

County No. 250 Coal No. 6

Quad. 254 Part 7

County Franklin



Sec. 19

T. 5 N. S.
R. 2 E. W.

Index No.

COAL MINE—PRODUCTION

0319.4e



LOCATION AND ELEVATION

Location: by W.B. Roe side East of main line of C.B. & Q. R.R.
 and Top. sheet side S of spur line of C.B. & Q. R.R.
 side Highway No. from Christopher to Sesser
 on top. map Yes Location sheet 11-73-27c (NB 603, p11-95)

Elevation: Method, 1. Est. () _____ ft.

Co. level 2. Inst. (kind Dumpy level) 470.671 ft.

By R.h. Adams Data sheet

DEPTH

Authority _____ To coal _____ ft.

Authority R.h. Adams Rail to rail 644.4 ft.

Top of coal above rail. (Est. Rule) 0.5 ft.

To coal 635.9 ft.

ALTITUDE OF TOP OF COAL

By estimated data _____

By instrumental data _____

-165.23 ft.

Thickness

Max. 108 in. Min. 90 in. Aver. 102 in.

GEOLOGICAL DATA

Mine notes, date W.D. White (1912) DM (1919) _____

H.F. Bain _____

Coop No. 50 Pyr. inv. Coal Ash inv. _____

CHEMICAL DATA

Analyses Face U. I. 5222-3-4 B. M. 26442-7 Others 477-D, 478-D

Car U. I. _____ B. M. 4 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 Rank Ind. 131; Unit C. Ind. 146

Misc. tests: Coking. U.S.B.M., Bull 5 Cleaning _____ Boiler _____
pp. 32, 40

Published descriptions:— U.S.B.M., Bull. 22, p. 494

Railroad, ~~_____~~ Idle, ~~_____~~

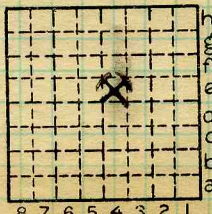
SHIPPING MINE IDENTIFICATION

County No. 250

Coal No. 6

Part 7

Quad. Duquoin
 County Franklin



Sec. 19

T. 5 S.

R. 2 E.

Index No. 019, 4c

COAL MINE LOCATION AND DATA



Operator, *Keller* Date *Aug. 7, 1908*
 Mine, *Keller* Sec. *C. B. & R. R.*
 Located, *980 ft. NW 7 shaft.* T. *R. R.*
 Location in mine, *980 ft. NW 7 shaft.*

GRAPHIC SECTION		DESCRIPTION OF SECTION (AT POINT SAMPLED)		
In.	No.	No.	(Note character and thickness of roof)	Inches
0	1		Coal	7
	2		Roof	8
12	3		Coal	53
	4		Shale	54 1/2
24	5		Coal	62 1/2
	6		Blue band	64
36	7		Coal	83
48				
60	4			
	6			
72				
84				
			(Note character and thickness of floor)	
			Total thickness of coal.	83
Condition,		Time,	hr.	min.
Wt. Gross, lbs.		Net,	lbs.	
What Nos. shipped by Co.?				
Excluded from sample: No. <i>46</i>				
Sample represents <i>80</i> in. tons.				
Impurities? How do they occur? <i>Bulletin 22, p 494</i>				

Sample No. _____ Can No. _____ Lab. No. *B. M. 477-D*
 Collector, *J. M. Groves* Coal: Survey No.
 Mine, _____ Co. *Franklin* Index No. *0319.?*
R.—COAL SAMPLE SHEET.



Operator, *Keller* Date *Aug. 7, 1908*
 Mine, *Keller* Sec. *C. B. 49* T. *R.*
 Located, *1220 ft N of shaft* miles from *Sesser* *C. B. 49* *R. R.*
 Location in mine, *1220 ft N of shaft*

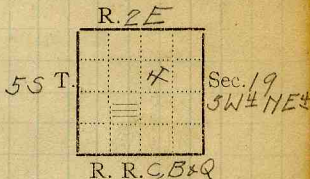
GRAPHIC SECTION		DESCRIPTION OF SECTION (AT POINT SAMPLED)		
In.	No.	No.	(Note character and thickness of roof)	Inches
0	1		Coal	46
	2		Rash	
12	3		Coal	
	4		Shale	46 3/4
24	5		Coal	54 3/4
	6		Bluing band	56
36	7		Coal	
48	4			
60	6			
72				
84				
		(Note character and thickness of floor)		
		Total thickness of coal.		80
Condition,		Time,	hr.	min.
Wt. Gross, lbs.		Net,	lbs.	
What Nos. shipped by Co.?				
Excluded from sample: No.		<i>46</i>		
Sample represents		<i>78</i>	in.	tons.
Impurities? How do they occur? <i>Bulletin 22 p 494</i>				

Sample No. _____ Can No. _____ Lab. No. *B. M. 478-D*
 Collector, *J. N. Groves* Coal: Survey No.
 Mine, *Co. Franklin* Index No. *0319?*
R.—COAL SAMPLE SHEET.



COAL MINING INVESTIGATIONS
COOPERATIVE AGREEMENT

Mine Name or No., *Sesser*
1 1/2 miles S. E from *Sesser*
Operator, 1912 *Sesser Coal Co*



Operator, 191

Entrance, *shaft* Elev., *465.0 WBR* ft. { above,
below,
Depth to bottom coal, ft. Alt. *-259.6*

SURFACE DATA.

- A. Topography *Rolling* 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.

See drill record sheet.

- E. Notes on surrounding area,



See

Coal bed name: Local, *6*

Collector, *K.D. White*
Mine, *Sesser*

Survey # *6*
State No. *0319*

Co. *Franklin* Co-op. No. *50*



UNDERGROUND DATA (cont'd.)

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

(a) Relative hardness,

Lower & top bench hardest. Bottom bench harder than top.(b) Lustre, *bright.*(c) Fracture, *blocky.*(d) Texture, *laminated.*

See

(6) Impurities in coal, other than bedded,

(a) Kind, *Sulphur balls, masses and streaks.*

(b) Position and persistence,

Irregular.

(c) Rejected,

Yes.

Ease of separation,

fairly.

See

L. Floor: (1) Material *Fire clay.*(2) Thickness *10'*(3) Variation *Constant.*

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

Clay very hard, slacks, and heaves slightly.

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, *KW White*

Coal #6

State No. *0319*Mine, *Jesser*Co. *Franklin*Co-op. No. *#50*



INDEX

K3

Roof a sandy shale, gray color, with a large number of slick surfaces thru it. Falls in large tabular masses. Coal in plates scattered thru shale next to coal. No limestone or black slate occurs, roof.

Bottom a grayish clay, very hard before slacking heaves very little, only where squeezes occur. Clay contains carbonized plant remains, and slick faces. Dug 10' in sump, report did reach bottom. Clay rather sandy.

A considerable number of swags and hills, Rolls always occurs in swags. Coal thinner in swags.

1st E, N, E. 2300' from shaft.

1. Top coal concealed.
2. Middle bed a bright hard coal, with a few dirt streaks, and a number of mother of coal bands some 1/2" thick, bands of glance coal up to 2" thick are scattered thru bench. Mother coal in irregular lenses. Some sulphur in bands and vertical streaks. 5'-6"
3. Blue Band; a grayish brown shale 0'-1 1/2"
4. Bottom Coal similar to middle bed. Some harder, and a little more dirt 2'-5"

On entry near Room 22. 3rd E, N, E.

Top coal, hard bright about 50% glance coal, considerable, mother coal, bench interlaced by a mixture of sulphur and calcite, coal hard very brittle, rings under hammer 19"

Cleat very slight, and irregular.

Coal blocky shoots into good lump.

Collector *KD White*

Mine *Sesser*

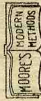
X.—EXTRA SHEET No. /

Coal #6

Co. *Franklin*

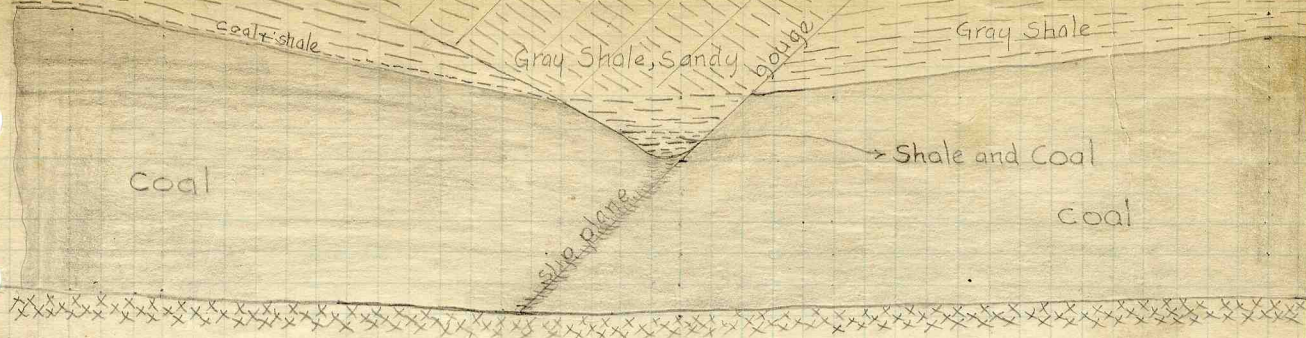
State No. **0319**

Co-op No. #50

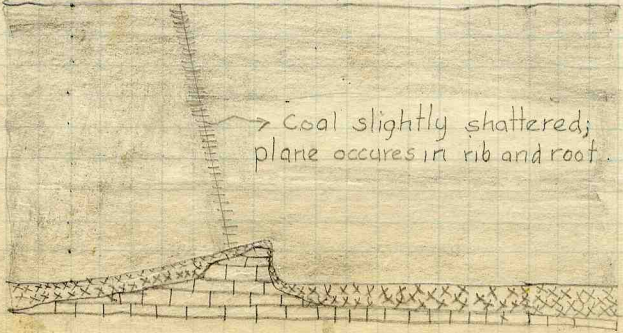
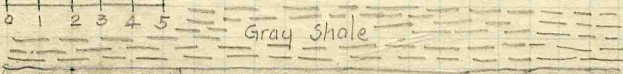


INDEX

K3



Scale 1st East, North, East 1000' from shaft. Bearing $N40^{\circ}E$. Continues thru mine



Location Face 1st E.N.E. 2300 from shaft

State No. 0319
 Co-op No. \$50
 Coal #6
 Co. Franklin
 Collector K.D. White
 Mine Cesser
 X.—EXTRA SHEET No. 2

W. J. ...



COAL MINE NOTES.

0319

COUNTY *Franklin*

TOWN *Sesser*

MAP No. ~~10278~~

T. *55*

R. *2E*

S. *18 SW SW*

OPERATOR *Sesser Coal Co.*

OFFICE *Sesser.*

MINE *Sesser*

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

~~0319~~ 0319

COAL LAND OWNED

LEASED

HELD IN FEE

COST OF LAND OWNED

LEASED

HELD IN FEE

ADDITIONAL NOTES



COAL MINING INVESTIGATION

COOPERATIVE AGREEMENT

Operator, *Franklin County Co.* Date, *7/26* 191 *2*,
Mine, Located *8.8* miles *from* *Lesser*
Location in mine *Main North East*
Total (vertical) depth from surface at point of sampling, *760* ft.

In describing the beds and character of the members, note any member that is rejected by the miner. Note all clay and sulphur partings, whatever their thickness. Exclude from sample all clay and sulphur partings $\frac{3}{8}$ inch thick or over (and even those of less thickness if they are rejected at mine or tippel).

SECTION OF BED AT POINT SAMPLED

No.	DESCRIPTION	FEET	INCHES
<input checked="" type="checkbox"/> 1	Coal	2	2
<input checked="" type="checkbox"/> 2	Blue dirt band		
<input checked="" type="checkbox"/> 3	Coal		$6\frac{1}{4}$
<input checked="" type="checkbox"/> 4	Gray clay band	4	1
<input checked="" type="checkbox"/> 5	Coal	1	$2\frac{3}{4}$
<input checked="" type="checkbox"/> 6	Sulphur band		6
7	Coal		
8			
9			
10	<i>Top coal not included.</i>		
11			
12			
13			
14		104	
15			
16			
17		8'	$3\frac{5}{8}$
	TOTAL,		

Is coal ~~wet~~ or dry? *8* minutes.
Time exposed, *5-1* hours, minutes.
Weight, *44* gross, *5-1* net.
What are the impurities, and how do they occur? *Clay and sulphur bands*
What are shipped? *1 3 5 7*
What are excluded from the sample? *2 4 6*

*Direction (N., NE., etc.). †Nearest railway station.

Town, *Lesser* Mine, *No. 1* Co. *Franklin*
Sample No. Can No. *44* No. *50*

I.—COAL SAMPLE SHEET. Sampler. *Jim Webb* *50*
#5222 0319



COAL MINING INVESTIGATION

COOPERATIVE AGREEMENT

Operator, *Franklin Gudge Co.* Date, *7/26* 191*2*
 Mine, *No. 1* Located *2* miles *S.E.* from *Sevier*
 Location in mine, *1 West, South West*
 Total (vertical) depth from surface at point of sampling, *760* ft.

In describing the beds and character of the members, note any member that is rejected by the miner. Note all clay and sulphur partings, whatever their thickness. Exclude from sample all clay and sulphur partings $\frac{3}{8}$ inch thick or over (and even those of less thickness if they are rejected at mine or tippel).

SECTION OF BED AT POINT SAMPLED

No.	DESCRIPTION	FEET	INCHES
✓ 1	Coal	1	10 1/2
2	Blue dirt band		1 1/2
✓ 3	Coal	3	2 1/2
4	Gray slate band		10
5	Coal	1	
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
<i>Top coal not included.</i>			
		<i>104</i>	
TOTAL,		<i>7</i>	

Is coal ~~wet~~ or dry?
 Time exposed, *54* hours, *54* minutes.
 Weight, *58* gross, net.
 What are the impurities, and how do they occur? *Clay band*

What are shipped? *1 3 25 4*
 What are excluded from the sample?
 Coal bed, *6*
 *Direction (N., NE., etc.). †Nearest railway station

Town, *Sevier* Mine, *No. 1* Co. *Franklin*
 Sample No. *3* Can No. *60* No. *50*

I.—COAL SAMPLE SHEET. Sampler, *J. Mitchell* *50*
#5223 0319



COAL MINING INVESTIGATION

COOPERATIVE AGREEMENT

Operator, *Franklin County Co.* Date, *7/26* 191 *2*
 Mine, *No. 1* Located *3 1/2* miles *S. E.* from *Sesser*
 Location in mine, *main South East*
 Total (vertical) depth from surface at point of sampling, *760* ft.

In describing the beds and character of the members, note any member that is rejected by the miner. Note all clay and sulphur partings, whatever their thickness. Exclude from sample all clay and sulphur partings $\frac{3}{8}$ inch thick or over (and even those of less thickness if they are rejected at mine or tippel).

SECTION OF BED AT POINT SAMPLED

No.	DESCRIPTION	FEET	INCHES
1	coal	2	4
2	Dirt band (blue)	1	11
3	coal	1	2
4	Dirt band	1	1/4
5	coal	2	2
6	Dirt band		
7	coal		
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
TOTAL,		6	10 ¹ / ₄

Is coal ~~wet~~ or dry?
 Time exposed, *47* hours, *47* minutes.
 Weight, *45* gross, *47* net.
 What are the impurities, and how do they occur? *Blue clay bands.*

What are shipped? *1 3 5 7 4 6*
 What are excluded from the sample? *2 4 6*
 *Direction (N., NE., etc.). †Nearest railway station.

Town, *Sesser* Mine, *No. 1* Co. *Franklin*
 Sample No. *1* Can No. *24* No. *570*
 I.—COAL SAMPLE SHEET. Sampler. *JmMelt* *0319*
#5224



Symbol Description Inches
(1 division=3 in.) *USBM Bull 22, p 494*

SESSER, KELLER MINE.

Sample.—Bituminous coal; Illinois field; (Denver No. 15) analyses Nos. 477-D, 478-D (p. 83).

Mine.—Keller; a shaft mine at Sesser, on the Chicago, Burlington & Quincy Railroad.

Coal bed.—Herrin coal (No. 6) of the United States Geological Survey. Carboniferous age, Carbondale formation. Thickness, fairly uniform.

The bed was measured and sampled at two points by J. W. Groves on August 7, 1908, as described below:

Section of coal bed in Keller mine at Sesser.

Section.....	A	B
Laboratory No.....	477-D	478-D
	<i>Ft. in.</i>	<i>Ft. in.</i>
Coal.....	0 7	3 10
Rash.....	0 1
Coal.....	3 9
Shale ^a	0 1½	0 ½
Coal.....	0 8	0 8
Blue band ^a	0 1½	0 1½
Coal.....	1 7
Thickness of bed.....	6 11	6 8
Thickness of coal sampled.....	6 8	6 6

^a Not included in sample.

Section A (sample 477-D) was measured 980 feet northwest of the shaft.

Section B (sample 478-D) was measured 1,220 feet north of the shaft.

For results of coking tests of this coal see Bureau of Mines Bull. 5, pp. 32, 40.

For chemical analyses see part I of this bulletin, p. 83.

Collector,

Mine. *Keller*

Co. *Franklin*

Coal: Survey No. *6*

Index No. *0319*

Q.—COAL SECTION SHEET.



USPM Bull 193, p 148-9

SESSER. SESSER COAL CO. NO. 1 MINE.

Analyses 26492 to 26497 and car samples 30206, 30208, 30485, and 30486 (p. 32). Bituminous coal, Illinois field, from No. 1 mine, a shaft mine 640 feet deep, $1\frac{1}{2}$ miles southeast of Sesser, on the Chicago, Burlington & Quincy R. R. Coal bed, Herrin, or No. 6, of the Illinois Geological Survey; Carboniferous age, Carbondale formation. Bed is 7 to 8 feet thick, excluding top coal left on roof; roof, gray, dirty shale; floor, clay; cover at points of sampling, 650 feet. Car samples representing 32 cars were

taken by W. B. Plank on about March 25, 1919: sample 30206 represented 9 cars; sample 30208 represented 5 cars; sample 30485 represented 10 cars; sample 30486 represented 8 cars. The bed was sampled by J. R. Fleming on October 27 and 28, 1916, as described below:

Sections of coal bed in No. 1 mine.

Section.....	A. 26492	B. 26493	C. 26494	D. 26495	E. 26496
Laboratory No.....					
Roof, shale.....	<i>Ft. in.</i>	<i>Ft. in.</i>	<i>Ft. in.</i>	<i>Ft. in.</i>	<i>Ft. in.</i>
Top coal.....	^a 2 6	^a 2 6	^a 2 4	^a 2 0	^a 2 0
Coal, bright.....	5 3	3 0	5 1	5 7	2 1
Bone and "mother coal".....		$\frac{1}{2}$			
Bone and "sulphur".....			^a $\frac{1}{2}$		
"Mother coal".....					
Coal, bright.....		1 8	8		3 2 ¹ / ₂
Bone.....		^a 1			
Coal, bright.....		7			
"Blue band".....	^a 1	^a 1 $\frac{1}{2}$	^a 1 $\frac{1}{2}$	^a 1 $\frac{1}{2}$	^a 1 $\frac{1}{2}$
Coal, bright, hard.....	1 8	1 10	3 1	1 6	1 7
Floor, clay.....					
Thickness of bed.....	7 0	7 4	7 0	7 2 $\frac{1}{2}$	7 0
Thickness of coal sampled.....	6 11	7 1 $\frac{1}{2}$	6 10	7 1	6 10 $\frac{1}{2}$

^a Not included in sample.

Section A (sample 26492) was cut at face of main east entry, 4,400 feet east of shaft. Section B (sample 26493) was cut at face of 1 new south entry, off main east, 5,000 feet southeast of shaft. Section C (sample 26494) was cut in 2 room, 3,200 feet east 10° south of shaft. Section D (sample 26495) was cut at face of main north entry, 4,400 feet north of shaft. Section E (sample 26496) was cut at face of 8 east entry, main north entry, 3,000 feet northeast of shaft.

The ultimate analysis of a composite sample made by combining face samples 26492, 26493, 26494, 26495, and 26496 is given under laboratory No. 26497.

The mine is operated on the panel system. In 1916 the coal was undercut by chain machines and by puncher machines, which were to be changed to electric-chain machines. Permissible explosive was used in blasting. Four sizes of coal were loaded. The daily output of the mine in 1916 was 3,000 tons, which equals the capacity.

Coal no. 6
No. 1 Mine Franklin Co. Index No. 0319.66

Mine originally operated by: (1) *W. Aaron King*

Date
1893

Original name or number:
Illinois Coal Report *1893* p.

LATER OPERATORS

Date	Operator	Name or No.
2 <i>1891-1894</i>	<i>King, W. Aaron</i>	<i>King</i>
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14 <i>from McBee</i>		

*Also owners #See ownership sheet

Railroad, Wagon, Strip, Idle, Abandoned

Mine Index *2068*
IDENTIFICATION *16'*

County No. _____

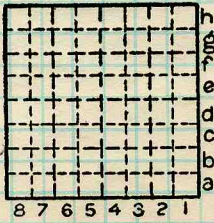
Coal No. _____

Coal Report No. _____

Quad. *Ewing 7.5*

County *Franklin*

Glauinger



Sec. *14*

T. *5* S.

R. *3* E.

Index No.

COAL MINE OPERATOR



Mine originally operated by: (1)

Date

1932

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		

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

Reported by Wanless 1932 field notes

*Also owners

#See ownership sheet

Railroad, Wagon, Strip, Idle, Abandoned

Mine Index 3985

IDENTIFICATION

County No. _____

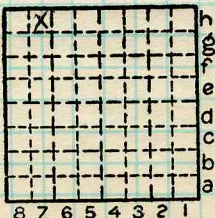
Coal No. _____

Coal Report No. _____

Hemigon

Quad. *Rend Lake Dam 2.5*

County *Franklin*



Sec. 21

T. 5 S.

R. 3 E.

Index No.

COAL MINE OPERATOR





INDEX

1/6"	slate, black, fissile, hard, well jointed
1' 4"	Coal ^x - reported up to 2'
4"	sand stone, light gray dense massive ledge
2'	shale, sandy, light gray w/some lenses of sandstone seen

* Coal is thought to be the Glennon horizon, and if so, marks its farthest west known outcrop. There is some chance that it may be the Macoupin coal, though this does not possess a typical black slate in other exposures in this district.

Beds dip downstream here; farther downstream there is seen a medium to thin bedded sandstone, which may be above slate & coal, but this could not be determined.

Operator
Co.
X

Index No. 3985
page

Collector Wanless
1932