

MI 436

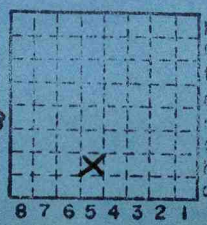
Mine map on file: 4103. W 52  
i S. 1-141

1630'S., 10'W. cent. sec. - M.A.P. 157 from  
mine map.

Franklin Co. C.C., 3

Co. # 433

807 + 26 ?



Sec. 30  
T. 8 N.  
R. 2 E.  
Index No. W.





Mine originally operated by: (1) Hemlock Coal Co.

Date 1909

Original name or number:  
Illinois Coal Report p.

LATER OPERATORS

Date	Operator	Name or No.
2 1915	Taylor Mining Co.	Walnut Ridge
3 1915	Southern Ill. C. & C. Co.	
4 1925	Franklin County Coal Co.	#3

5  
6  
7  
8  
9  
10  
11  
12  
13  
14



\* Also owners #See ownership sheet

Railroad, Wagon, Idle, Abandoned

SHIPPING MINE

IDENTIFICATION

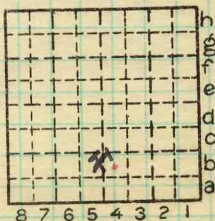
County No. 433

Coal No. 6

Quad. Herrin

Part

County Williamson



Sec. 30

T.	8	N. S.
R.	2	E. W.

Index No.

0330 b4

B5

COAL MINE OPERATOR

LOCATION AND ELEVATION

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

on top. map Location sheet

Elevation: Method, 1. Est. ( ) ft. 433  
 2. Inst. (kind Hand Level)

By T.E.S. NB102 p.9 p.40 Data sheet

DEPTH

Authority To coal \_\_\_\_\_ ft.  
 Authority Rail to rail \_\_\_\_\_ ft.  
 Top of coal above rail. (Est. Rule) \_\_\_\_\_ ft.  
 To coal 137 ft.

ALTITUDE OF TOP OF COAL

By estimated data \_\_\_\_\_  
 By instrumental data 296 ft.

Thickness

Max. in. Min. in. Aver. 108 in.

GEOLOGICAL DATA

Mine notes, date \_\_\_\_\_

Coop No. Pyr. inv. Coal Ash inv.

CHEMICAL DATA

Analyses Face	U. I.	B. M.	<u>1170-71</u>	Others
Car	U. I.	B. M.	<u>1318</u>	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  
 Coal Belt R.R.

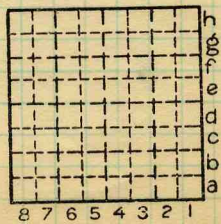
IDENTIFICATION

County No. 433

Coal No. 6



Quad. Herrin  
 County Williamson



Sec. 30  
 T. 8 N. S.  
 R. 2 E. W.  
 Index No. 0330 14  
P 5

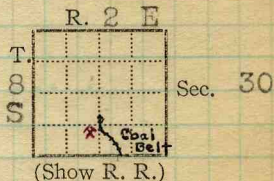
COAL MINE LOCATION AND DATA

Town, Herrin  
Local Authority,  
Depth. from Benson's notes  
Level: Auth., TES; NB102-p9&40  
Method, HL

Surface alt., 433 ft.  
Depth to coal, ~~141~~ 137 ft.  
Alt. top coal, + ~~298~~ 296 ft.  
Thickness: Av. 108 in.  
Max. in., Min. in.

R. R., Coal Belt

Location: authority, Letter Feb. 18/16  
Folio. TES. Taylor Coal Co.



Operator

Mine Name or No.

**GEN'L COAL REPT #433**

19 15 Taylor Mining Co

Walnut Ridge

Successor to Southern Ill. C. & C. Co (1915) from  
Date Hemlock Coal Co. (1909)

Succeeded by Franklin Co. Coal Co.

No. 3

Date 1925. 230 S. Clark,

Succeeded by Chicago.

Date

**PRODUCTION.**

				Fiscal		U. S. No.	
19	15			2	429		635

Geol. Notes? Prof Coop. No.

Coal secs.? No

Analyses No. US. 1170-71, US. 1318?

Examined by TES

Ref.

Coal bed name: Local

Survey No. 6

County Williamson

Index No. 0330a.51

K.—ACTIVE SHIPPING OR LOCAL COAL MINE.

Operator,  
Mine, *No 3*  
Located,  
Location in mine, *n 1 on east side*

Date *Oct 3, '04*  
Sec. T. R. *C + E. I.*

miles from *Marion*

GRAPHIC SECTION		DESCRIPTION OF SECTION (AT POINT SAMPLED)		
In.	No.	No.	(Note character and thickness of roof)	Inches
0	1		Coal	60
	2		shale	—
12	3		Sulphur	62
	4		Coal	—
24	5		Shale	63 1/2
	6		Coal	85 1/2
36				22
48				
60				
72				
84				
(Note character and thickness of floor)				
Total thickness of coal.				85 1/2
Condition,		Time,	hr.	min.
Wt. Gross,		lbs.	Net,	lbs.
What Nos. shipped by Co.?				
Excluded from sample: No.		<i>2, 3, 5</i>		
Sample represents		<i>82</i>	in.	tons.
Impurities? How do they occur?				

Sample No. \_\_\_\_\_ Can No. \_\_\_\_\_ Lab. No. *B371.117*

Collector, *J. M. Grove* Coal: Survey No.

Mine, \_\_\_\_\_ Co. *Williamson* Index No. *0330*

Operator,  
 Mine, *No 3*  
 Located,  
 Location in mine, *SW 3*

miles from *Marion*

Date *Oct 3, 1904*  
 Sec. T. R. *C & E. J.*

GRAPHIC SECTION		DESCRIPTION OF SECTION (AT POINT SAMPLED)		
In.	No.	No.	(Note character and thickness of roof)	Inches
0	1		Coal	4
	2		Shale	1
12	3		Sulphur	53
	4		Coal	1
24	5		Shale	29
	6		Coal	
36				
48				
60	5			
72				
84				
(Note character and thickness of floor)				
Total thickness of coal.				88
Condition,		Time,	hr.	min.
Wt. Gross,	lbs.	Net,	lbs.	
What Nos. shipped by Co.?				
Excluded from sample: No. <i>235</i>				
Sample represents <i>86</i> in. tons.				
Impurities? How do they occur? <i>Bulletin 22, p. 514</i>				

Sample No. \_\_\_\_\_ Can No. \_\_\_\_\_ Lab. No. *Bm 1170*  
 Collector, *J. M. Grooms* Coal: Survey No.   
 Mine, \_\_\_\_\_ Co. *Williamson* Index No. *0330*  
 R.—COAL SAMPLE SHEET.

Symbol Description Inches

USBM Bull 22 p 513-4

MARION. No. 3 MINE.

Sample.—Bituminous coal; Illinois field; (Illinois No. 3) analyses Nos. 1170, 1171 (p. 93).

Mine.—No. 3; a shaft mine, at Marion on the Chicago & Eastern Illinois Railroad.

Coal bed.—Herrin coal (No. 6) of the United States Geological Survey, known locally as the Carterville. Carboniferous age. Carbondale formation. Thickness, at mine, fairly uniform; dip, nearly flat; cover, at this mine, about 100 feet.

The bed was measured and sampled at two points by J. W. Groves on October 3, 1904, as shown below:

Sections of coal bed in No. 3 mine at Marion.

Section Laboratory No.	A		B	
	1170		1171	
	ft.	in.	ft.	in.
Coal	0	4	5	0
Shale <sup>a</sup>	0	1	..	..
Sulphur <sup>a</sup>	..	..	0	2
Coal	4	5	..	..
Shale <sup>a</sup>	0	1	0	1½
Coal	2	5	1	10
Thickness of bed	7	4	7	1½
Thickness of coal mined	7	2	6	10

<sup>a</sup> Not included in sample.

Section A (sample 1170) was measured in southwest entry 3.

Section B (sample 1171) was measured in north entry 1 on the east side of the mine.

Notes.—The output of the mine in 1904 was about 1,500 tons a day. About half of the product was sold for domestic use, the other half for factory and railroad supply. The coal was nearly all shipped through Chicago to the Northwest.

For results of tests of this coal, see mention of specific tests as follows—steaming tests: U. S. Geol. Survey Prof. Paper 48, p. 441; Bull. 261, p. 80; Bureau of Mines Bull. 23, p. 59; producer-gas tests: U. S. Geol. Survey Prof. Paper 48, p. 1042; Bull. 261, p. 91; Bureau of Mines Bull. 13, pp. 109, 272; washing tests: U. S. Geol. Survey Prof. Paper 48, p. 1466; Bull. 261, p. 66; coking tests: U. S. Geol. Survey Prof. Paper 48, p. 1334; Bull. 261, p. 123.

For chemical analyses see part I of this bulletin, p. 93; also U. S. Geol. Survey Prof. Paper 48, p. 208; Bull. 261, p. 36.

(Scale: 1 division = 3 inches).

Sample No. Can No. Lab. No.  
 Collector, #3 Co. Williamson Coal: Survey No. 6  
 Mine, #3 Index No. 0330.51