



Mine originally operated by: (1)

Date

JOSEPH TAYLOR

1887

Original name or number:

Illinois Coal Report

p.

MORGAN

LATER OPERATORS

Date

Operator

Name or No.

2	1901.	JOS. TAYLOR COAL CO.	"TAYLOR"
3	1916.	INTERNATIONAL COAL + M'G CO.	"
4	1920.	WEST VIRGINIA COAL CO.	"
5	1922.	PERRY COAL CO.	"

6
7
8
9
10
11
12
13
14

* Also owners

#See ownership sheet

Railroad, Wagon, Idle, Abandoned

1320 spur

1934, 5,

IDENTIFICATION

SHIPPING MINE

County No. 197

Coal No.

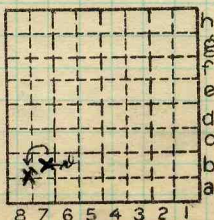
□ 6

Quad. 226

Part

County

ST CLAIR



Sec. 24

T. 2 N.

R. 8 W.

Index No.

COAL MINE OPERATOR



(Sheets) COAL PRODUCTION (Sheet)

Period						Tons			
Mo.	Day	Year	Mo.	Day	Year				
1	1	33	12	31	33	Idle			
1	1	34	12	31	34	"			
1	1	35	12	31	35	"			

SUMMARIES

No.	to	No.	Tons			
1887	-	1932	4,922,772			

Railroad, Wagon, Idle, Abandoned

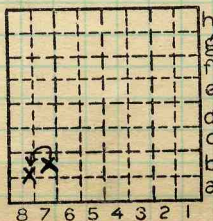
1320 spur

IDENTIFICATION

County No. 197 Coal No. 6.

Quad. 226 Part

County ST CLAIR



Sec. 24

T. 2 N. 8.

R. 8 W.

Index No.

COAL MINE-PRODUCTION



LOCATION AND ELEVATION

Location: SW W side B.&O. spur side side Highway No. R. R. R. R.

on top. map 226 Location sheet 13-87-42b Elevation: Method, 1. Est. () ft. 2. Inst. (kind Alidade) 551.2 ft.

By WBR 10-3-30 Data sheet DEPTH

Authority To coal 200 ft. Authority Rail to rail ft. Top of coal above rail. (Est. Rule) ft. To coal ft.

ALTITUDE OF TOP OF COAL By estimated data By instrumental data 351 351 ft. Thickness

Max. in. Min. in. Aver. 84 in.

GEOLOGICAL DATA

Mine notes, date 7-10-1912 1930

Coop No. 81 Pyr. inv. Coal Ash inv.

CHEMICAL DATA

Analyses Face U. I. p.2 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

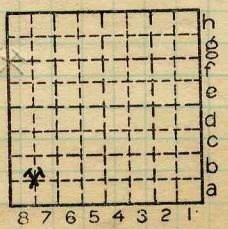
Misc. tests: Coking. Cleaning Boiler

Published descriptions:— Bull. 11, Folio 195

Railroad, Wagon, Idle, Abandoned 1934

IDENTIFICATION

County No. 2197 Coal No. 6 Part 31 Quad. Bellville County St. Clair



Sec. 24 T. 2 N. R. 8 E. Index No. 0324.8b

COAL MINE LOCATION AND DATA

Town, O'Fallon

Local Authority,

Level: Auth., Bull #11

Method,

R. R., Balt + Ohio SW.

Location: authority, Bull #11
Belleville Breese Folio

Operator

Surface alt., 555 ft.

Depth to coal, 200 ft.

Alt. top coal, 355 ft.

Thickness: Av. 84 in.

Max. in., Min. in.

Top. Caseyville

1050' from S line
690' W "



(Show R. R.)

Mine Name or No.

19 Joseph Taylor Coal Co.

Taylor

Successor to

Date

Succeeded by International Coal + Mining Co "

Date

Succeeded by Perry ~~County~~ Coal ~~Company~~ Taylor

Date

1405 Centre in Bank Bldg. cor. 2365-793
St. Louis Mo. PRODUCTION.

To be closed down 3/15/25 U. S. No.

19 auth. = O'Fallon Ill. Progress

abd. 3/5/25 - std blank '26 3/5/25.

10/21/26 (O'Fallon Progress): Taylor mine in operation with 200 men.

1927 - 0 -
1928

Geol. Notes? Yes Coop. No. 81

Coal secs.? 6

Analyses No. 5077-79-80, 4385, 4386

GEN'L COAL REPT 197

Examined by

Ref.

Coal bed name: Local SHIPPING MINE

Survey No. 6

County St. Clair

Index No. 0324. FZ 8B

K.—ACTIVE SHIPPING OR LOCAL COAL MINE.



DRILL RECORD.

COUNTY *St Clair* TOWN *O Fallon*
 FARM *Jos. Taylor Co* T. *2N* R. *8 W*
 OPERATOR *Jos. Taylor Co (International)* HOLE No.
 AUTHORITY *Taylor mine (Coal Co)*
 ELEVATION *542* *Bellerive quad.*
 COLLECTOR _____ DATE DRILLED _____

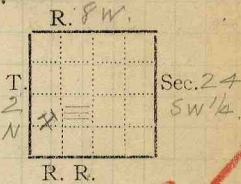
MAP No. *0324*
 SEC. *24 SW*

No.	STRATA	THICKNESS		DEPTH	
		FEET	IN.	FEET	IN.
1	<i>Joseph Taylor Coal Co</i>	<i>USED IN COOP. REPT. 1912.</i>			
2	<i>Tharion (Ridge) mine (Munton</i>	COUNTY			
3	<i>mine (sic).</i>				
4	<i>9 West entry of N side</i>				
5	<i>face of entry.</i>				
6					
7					
8	<i>Sh</i>				
9	<i>Coal 14"</i>		<i>14</i>		
10	<i>Sulfur 5 1/4"</i>		<i>14 1/4</i>		
11	<i>Coal 5 1/4"</i>		<i>19 1/2</i>		
12	<i>Sh 1/8"</i>		<i>19 5/8</i>		
13	<i>Coal 12" (19 1/4")</i>		<i>31 7/8</i>		
14	<i>Black clay 1/4"</i>		<i>31 7/8</i>		
15	<i>Coal 14' drift</i>		<i>45 1/2</i>		
16	<i>Sulfur & clay 1"</i>		<i>46 5/8</i>		
17	<i>Coal 14 1/2" Block</i>		<i>61 3/8</i>		
18	<i>sulfur 1/2" excl</i>		<i>61 7/8</i>		
19	<i>Coal 4"</i>		<i>65 7/8</i>		
20	<i>Black band 3/4" (Looks like dull coal but won't burn)</i>		<i>66 1/8</i>		
21	<i>Coal 3 3/4"</i>		<i>70 3/8</i>		
22	<i>Sulfur & drift 1/2" excl</i>		<i>70 7/8</i>		
23	<i>Coal 25 1/2"</i>		<i>96 3/8</i>		
24	<i>Clay</i>				
25					
26	<i>207 ft shaft</i>				
27					
28	<i>Top of #6 coal</i>				
29					
30	<i>342 ft above sea.</i>				
31					
32	<i>Kay</i>				
33					
34					



COAL MINING INVESTIGATIONS
COOPERATIVE AGREEMENT

Mine Name or No., *Taylor.*
1/4 mile *N* from *Carbon*
 Operator, 191 *2* *Joe Taylor Coal Co.*
 Operator, 191



Entrance, *shaft* Elev., *555* ft. { above,
 Depth to bottom coal, *207* ft. Alt. below,

SURFACE DATA.

- A. Topography *Rolling.*
 B. Surficial materials, (1) Character See No. 0324 in C. Mine notes
 (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,

GEN'L COAL REPT. 197

See

Coal bed name: Local, **6*
 Collector, *K D White*
 Mine, *Taylor*
 L.—SURFACE SHEET (Geol.)

Survey # *6*
 State No. *0324-86*
 Co-op. No. *81*

Co. St. Clair



UNDERGROUND DATA

- F. Thickness of rock above bed worked,
 - (1) Important variations,
- G. Note presence of strata having important effect on mining.
 - Limestone*
 - (1) Position, *above coal*
 - (2) Character, *Limestone*
 - (3) Persistence, *over entire east side*
 - (4) Other workable coal beds,

See

See

See

- H. Cap rock, *Limestone*
 - (1) Thickness, *14'*
 - (2) Height above coal, *Contact*
- I. Immediate roof *Limestone some Black Slate*
 - (1) Thickness, *14'* (2) Contact with coal,
 - (3) Horizontal variation,

See #1

SECTION				
Ft.	In.	Name	Index	Sym.

- J. Draw slate, (1) Thickness, (2) Contacts
None (Clod) see sheet #1
- (3) Persistence

See #1

- K. Coal bed: Max. *8'-0"* Min. *6'-0"* Av. *7'-0"* inches
- (1) Benches,
 - (a) Position,
 - (b) Persistence,
- (2) Bedded impurities, kind, position in benches, persistence, ease of separation.

See

See sheets #2, #3, #4

See

- (3) Irregularities in continuity of bed (due to deposition, erosion, or movement).
- (a) Effect on mining,

Nothing of importance

See

See



UNDERGROUND DATA (cont'd.)

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

(a) Relative hardness, *Top coal generally hardest*(b) Lustre, *Top coal brightest*(c) Fracture, *Top bench slightly conchoidal, rest of bed*(d) Texture, *See back p. 9.*

(6) Impurities in coal, other than bedded,

(a) Kind, *sulphur*

(b) Position and persistence,

Irregular

(c) Rejected,

Ease of separation,

See

L. Floor: (1) Material *Fire Clay.*(2) Thickness *4'*(3) Variation *Constant*

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

Have never dug thru it. Clay would heave if the mine was wet, No trouble with clay as mine is dry and does not heave when dry. Floor is fairly hard, grayish blue color cracks on contact with air in small irregular places, and becomes speckled with a soluble salt that is deposited on the surface. Clay is generally similar to clay of district. 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, *KOW*Coal *#6*State No. *0324.86*Mine, *Taylor*Co. *St. Clair*Co-op. No. *81*



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- I No black slate occurs as roof on East side. The black slate forming part of the roof on the west side is full of slip and very hard to hold; it is at present abandoned.
- I+H Roof is most limestone, has what they call a foot lift. first ledge is 2" to 6" thick, 2nd ledge 6" to 12". Both fall. Limestone cap rock forms roof when foot lifts fall. First lift generally comes down as soon props are taken out, sometimes however it stays up. Second foot lift only occasionally falls. Limestone is fine grained, and light gray color.
- J Clod occurs irregular locally 1" to 2" thick. The clod is a calcareous clay filled with plant impressions, and irregularly bedded.

Collector KDW

Mine Taylor

X.—EXTRA SHEET No. 1

Coal 46

Co. St. Clair

State No. 0324.86

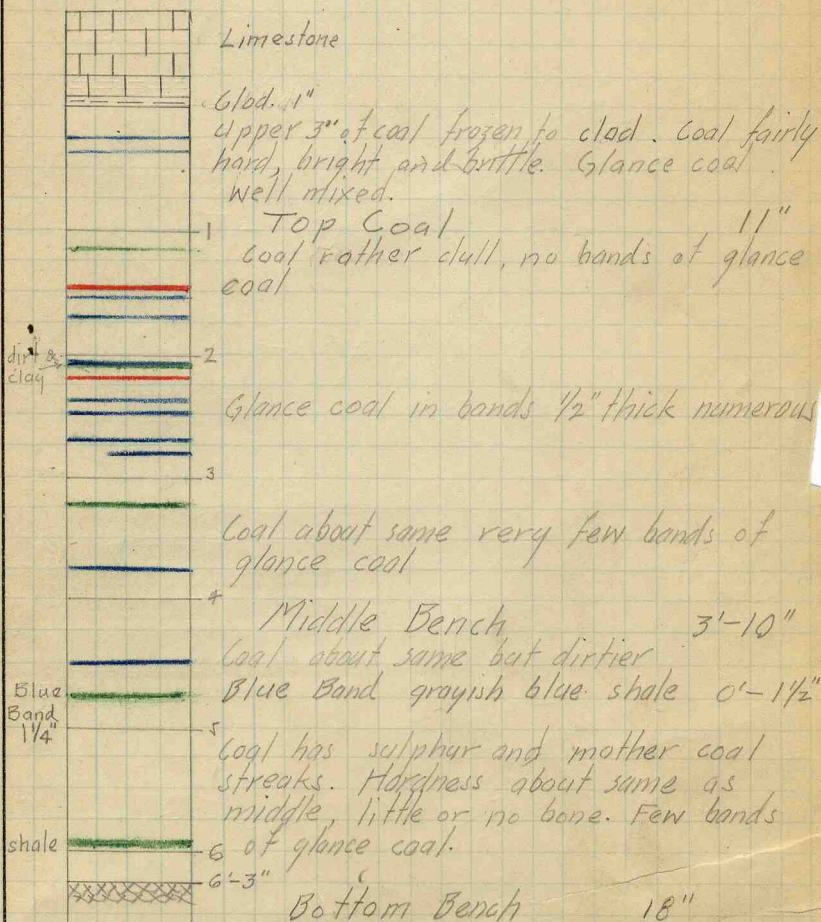
Co-op No. 61



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Last Cross Cut off Main East.

K5



Cleat only slightly developed.

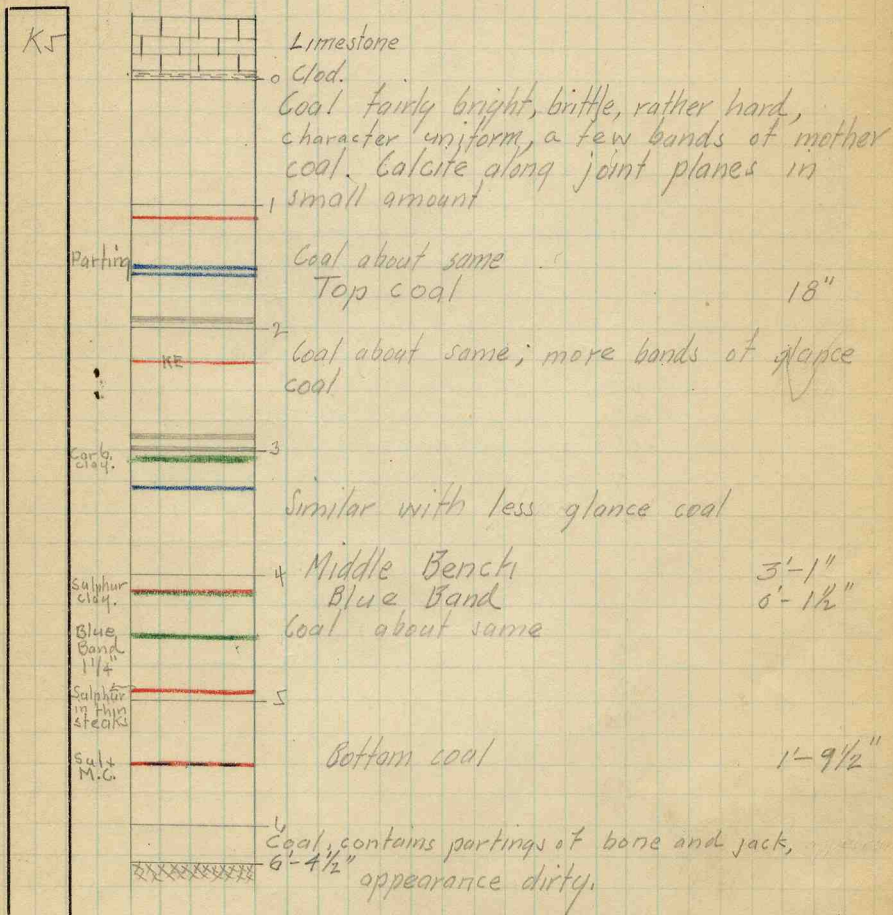
Collector KDW
 Mine Taylor

Coal #6
 Co. St Clair

State No. 0324.86
 Co-op No. 81



INDEX



Cleat poorly developed
Blue Band a carbonaceous shale, grayish black color.

Face 10th South East.

Collector ROW

Mine Taylor

Coal 6
Co. of Clair

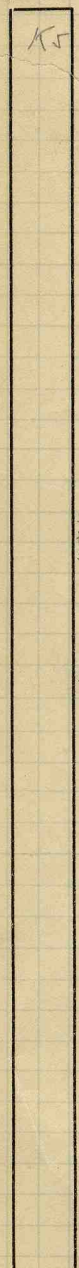
State No. 0324.8b

Co-op No. 81

X.—EXTRA SHEET No. 3



INDEX



Limestone
 Clod
 Coal mostly dull, with knife edge bands of glance coal scattered it. Parting mother coal.
 18"
 coal about same, a slightly larger amount of glance coal, and a little calcite
 Top coal
 18"
 Coal about same, slightly duller, sulphur at times occurs in mother coal.
 Coal contains a few more bands of glance coal, and more dirt, partings of bone and jack
 Coal has bands of glance and jack scattered thru it.
 Middle Bench
 3'-5"
 Coal dull and dirty, a few bands of glance coal.
 Coal harder, slighter brighter, dirt bands absent a little bone coal as partings.
 Lower Bench
 1'-11"
 6'-11"
 Face 4th N. East

Cleft is poorly and irregularly developed, appearance of bed dirty. Coal as a whole has a small amount of glance coal in bands, sulphur is low.

Collector KDW

Mine Taylor

X.—EXTRA SHEET No. 4

Coal #6

Co. St. Clair



State No. 0324.8b

Co-op No. 81



5-81

Notes.

It would possibly be well to compare the effect on the character of the coal if the roof east of outcrop with that west, as well as the ~~possibility~~ possibility that the character of the coal may be the same in both places if the roof is similar.

The relation of mines having a certain quality of roof, entirely, their effect on the impurities in the coal



COAL MINING INVESTIGATION

COOPERATIVE AGREEMENT

Operator, Jos. Taylor Coal Co Date, 7-10 1912
 Mine, Taylor Located 1/2 miles* W from † O'Fallon
 Location in mine, Face of 10th Split off East
 Total (vertical) depth from surface at point of sampling, 248 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
X 1	Roof - Limestone		
X 2	Clod		1 ✓
3	Coal - Top bench clean hard	1	6
4	Coal - rather dirty	2	8
X 5	Sulphurous shale		1 ✓
6	Coal - clean		4 $\frac{3}{4}$
X 7	Carbonaceous shale		3 $\frac{1}{4}$ ✓
8	Coal - dirty		10
9	Coal - clean hard		11
10			
11	Floor - fire clay		
12			
13			
14			
15			
16			
17			
		TOTAL,	6 5 $\frac{1}{2}$

Is coal wet or dry? - dry ✓ 6 6 $\frac{1}{2}$ ✓
 Time exposed, 40 # ✓ hours, 35 minutes.
 Weight, 40 # ✓ gross, net.
 What are the impurities, and how do they occur? bone, shale & pyrite
horizontally bedded - CaCO₃ on cleat.
 What are shipped? 3, 4, 6, 8, 9; part of 7.
 What are excluded from the sample? 2, 5, 7

#5079 Coal bed, No. 5 ✓
 *Direction (N., NE., etc.) †Nearest railway station.
 Town, O'Fallon Mine, Taylor Co. Jos. Taylor Coal Co.
 Sample No. 81 BL Can No. STD 27 No. 81 032482

I.—COAL SAMPLE SHEET. Sampler. Nebel + Smith
88 $\frac{1}{2}$ - 2 $\frac{3}{4}$ = 75 - $\frac{3}{4}$



COAL MINING INVESTIGATION

COOPERATIVE AGREEMENT

Operator, Jos. Taylor Coal Co Date, 7-10 1912
 Mine, Taylor Located $\frac{1}{2}$ miles* W from †
 Location in mine, Face 4th No off East Carbon
 Total (vertical) depth from surface at point of sampling, 248 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
x1	Roof - Gray Limestone ✓		
2	Coal - Top bench - dirty		18
3	Coal - dirty	01	10 $\frac{1}{2}$
x4	Bone & pyrite		
5	Coal - rather dirty	1	6
x6	Shale - blue band ✓		1 $\frac{1}{2}$
7	Coal - clean	1	0
x8	Bone		3 $\frac{1}{4}$
9	Coal - clean		11
10			
11	Floor - Fire clay		
12			
13			
14			
15			
16			
17			
	TOTAL,	6	11 $\frac{3}{4}$

Is coal wet or dry? - Dry ✓
 Time exposed, 0 hours, 35 minutes.
 Weight, 50# gross, net.

What are the impurities, and how do they occur? - bone, blue band and pyrite horizontally bedded, very little sulphur
 What are shipped? 2, 3, 5, 7, 9 part of 4, 6, 8.
 What are excluded from the sample? 1, 4, 6, 8

#5077 Coal bed, #6 ✓
 *Direction (N., NE., etc.). †Nearest railway station.

Town, O'Fallon Mine, Taylor Co. Jos. Taylor Coal Co.
 Sample No. B1A ✓ Can No. Std 20 ✓ No. B1-103248

I.—COAL SAMPLE SHEET. Sampler. Nebel + Smith
St. Clair



COAL MINING INVESTIGATION

COOPERATIVE AGREEMENT

Operator, Jos. Taylor Coal Date, 7-10 1912
 Mine, Taylor Located $\frac{1}{2}$ miles* N from † Carbon
 Location in mine, Last Cross Cut off Main East
 Total (vertical) depth from surface at point of sampling, 248 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
x 1	Roof - Gray Limestone		
2	Coal - Top Bench clean	1	2 $\frac{1}{2}$
3	Coal - Fairly Clean	1	1 $\frac{1}{2}$
4	Grey Shale (hard)		$\frac{1}{4}$
5	Coal - dirty	1	2 $\frac{1}{2}$
x 6	Bone -		$\frac{1}{2}$
7	Coal - fairly clean	1	5 $\frac{1}{2}$
x 8	Shale - blue band		1 $\frac{1}{2}$
9	Coal - clean - hard	1	7
10			
11	Floor - fire clay		
12			
13			
14	Coal quite hard		
15			
16			
17			
	76 TOTAL,	6	7 $\frac{3}{4}$

Is coal wet or dry? Dry
 Time exposed, 10 hours, 10 minutes.
 Weight, 55# gross, net.

What are the impurities, and how do they occur? bone & shale horizontally bedded - little pyrite hor.

What are shipped? 2, 3, 4, 5, 7, 9

What are excluded from the sample? 1, 6, 8

#5080

*Direction (N., NE., etc.).

Coal bed, # Six
 †Nearest railway station.

Town, O'Fallon Mine, Taylor Co. Jos. Taylor Coal
 Sample No. 81 C Can No. Std 54 No. 81 032A 82
 I.—COAL SAMPLE SHEET. Sampler, Nebel + Smith