



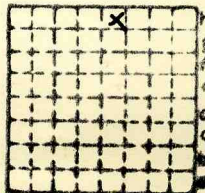
Form 180

HILLSBORO MINING Co.

79

S-1

Mi\* 291,504



Sec. 12

T. 8 N.

R. 4 W.

Index No.

8 7 0 6 4 0 8 1

✓



Mine originally operated by: (1)

Date Hillsboro Coal & Mining Co.  
1887

Original name or number:  
Illinois Coal Report 1887 p.

LATER OPERATORS

Date	Operator	Name or No.
2 1888	Hillsboro Coal Co.	
3 1937	Hillsboro Mining Co.	

4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14



Abd. 1941

• Also owners #See ownership sheet

Railroad, Wagon, Idle, Abandoned Shaft

C.C.C. & St. L.

May 1941

IDENTIFICATION

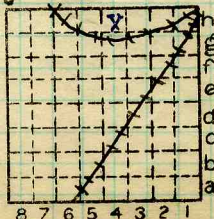
County No. 797

Coal No. 6

Part 4

Quad. 202

County Montgomery



Sec. 12

T. 8

N. ●

R. 4

W. ●

Index No.

1712 h4

COAL MINE OPERATOR



LOCATION AND ELEVATION

Location; side **CCC + St. L.** R. R.  
 side **C + E. I.** R. R.  
 side Highway No.

on top. map Location sheet

Elevation: Method, 1. Est. ( ) \_\_\_\_\_ ft.  
 2. Inst. (kind \_\_\_\_\_) \_\_\_\_\_ ft.

By	Data sheet
<b>DEPTH</b>	
Authority	To coal
Authority	Rail to rail
	Top of coal above rail. (Est. Rule)
	To coal

472 ft.  
 \_\_\_\_\_ ft.  
 \_\_\_\_\_ ft.  
 435 ft.  
 \_\_\_\_\_ ft.

**ALTITUDE OF TOP OF COAL**  
 By estimated data \_\_\_\_\_  
 By instrumental data \_\_\_\_\_

Thickness  
 Max. **90** in. Min. \_\_\_\_\_ in. Aver. **84** in. **90**

**GEOLOGICAL DATA**  
 Mine notes, date **Yes** **1933**  
**1908**  
 Coop No. \_\_\_\_\_ Pyr. inv. \_\_\_\_\_ Coal Ash inv. \_\_\_\_\_

**CHEMICAL DATA**

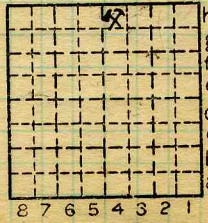
Analyses	Face	U. I.	B. M.	Others
Car	U. I.	B. M.	Others	1863
Org. Sulf	U. I.	B. M.	Others	
Ash fusion	U. I.	B. M.	Others	
Ash anal.	U. I.	B. M.	Others	
	U. I.	B. M.	Others	

Classification \_\_\_\_\_  
 Misc. tests: Coking. \_\_\_\_\_ Cleaning \_\_\_\_\_ Boiler \_\_\_\_\_

Published descriptions:—  
 250 S }  
 2400 W } **NE 600 NWNE**  
**NW 600 NNNE**

Railroad, Wagon, Idle, Abandoned

**IDENTIFICATION**  
 County No. **1797** Coal No. **6**  
 Quad. **Nokomis Coffeen** Part **4**  
 County **Montgomery**



Sec. **12**  
 T. **8** N.  
 R. **4** W.  
 Index No.

1712.64

COAL MINE LOCATION AND DATA



( Sheets ) COAL PRODUCTION ( Sheet )

No.	Period						Tons	
	Mo.	Day	Year	Mo.	Day	Year		
						1935		
						Caps: - 1926	1	500
						1927	189	705
						1928		
						1931	238	447
						1932	172	172
1	1	1	1936	12	31	1936	143	717
1	1	1	1937	12	31	1937	78	673
S-1	1	1	1938	12	31	1938	41	691
						1939	70	929
						1940	41	634
S-1	1	1	1941	12	31	1941	13	570

#1

SUMMARIES

No. 1887 to No. 1935 9 890 930

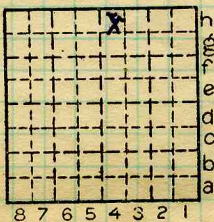
Railroad, Wagon, Idle, Abandoned 1942

IDENTIFICATION

County No. 179 Coal No. 6

Quad. 202 Part 4

County Montgomery



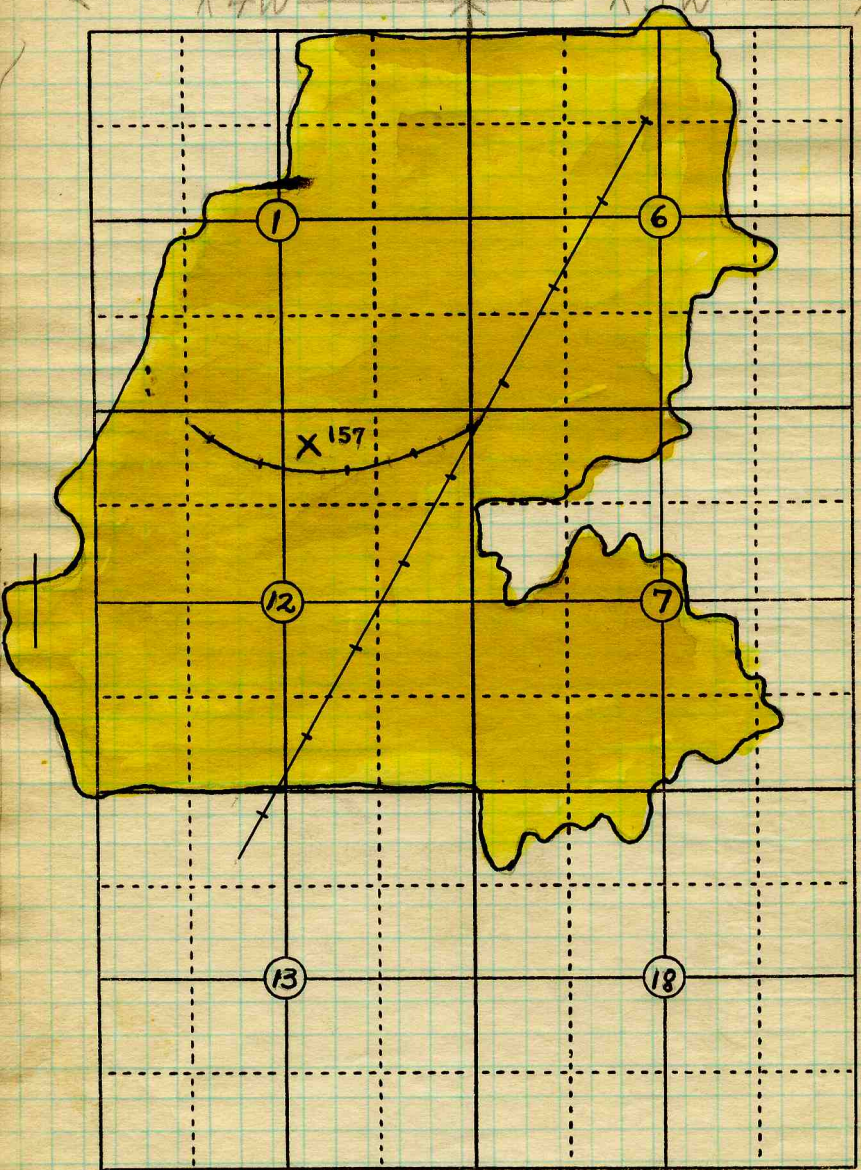
Sec. 12

T. 8 N.  
R. 4 W.

Index No. 1712 h4



← R4W → ← R3W →



← R4W → ← R3W →  
T8N

Date **4-1-33** Operator \_\_\_\_\_ Name or No. \_\_\_\_\_

County **Montgomery** **Hillsboro Coal Co.** Index No. **1712**

ILLINOIS COAL MINE NOTES

TOWN *Steelsboro* T. 8 N R. 14 W S. 12 NE 1/4 *Montgomery* CO.  
 COAL BED # *6* DATE *Sept 26 08* COLLECTOR *John Udden*  
 OPERATOR *Steelsboro Coal Company* MINE # *1* **1872**  
 HEAD OFFICE *Steelsboro, Ill.* **1712**  
 CAPACITY *1200t daily* MARKETS, FRT. *Chicago + local*  
 ENTRANCE *Shaft 442'*  
 CAGE *Duncan, self clump.* ENGINES *Citechfield 16x32*  
*First motion* DRUM *Wooden 2'*  
 SCREENS *Shaker 5", 2" 3/4 round.* STORAGE

VENTILATION *Crawford + Mac Crummon 20', 4' blade 55,000 cfm min.*  
 GAS, SOURCE *Dome has been observed in roof 20 years ago.*  
 COAL THICKNESS, AV. *84* MAX. *90* MIN. *78* ELE. *125' AA 7' below 175'* FT.  
 SECTION LOCATED *Room # 36 6th W off main N on north side.*

No.	top	In.	No.	In.
1	Coal	32	7	Coal
2	Sulphur	1/2	8	Sulphur
3	Coal	5 1/2	9	Coal
4	Sulphur	1/2	10	Sulphur
5	Coal	5 3/4	11	Coal
6	Sulphur	1/4		TAPE <i>each 1/2"</i>

NOT SHIPPED *13* NOT INCLUDED *2, 4, 8, 10, 13* CAN # *7* SAMPLE *U 275*

*tag # 295*  
 PHYSICAL PROPERTIES BY NOS. The coal above # 13 has the same appearance and, blz, shiny lustre, brittle, sealing off into small pieces. # 14 + 16 dk colored coal, dull lustre but harder than other coals, does not break up as small as upper coals.

ROOF *Bk sh 0-2'*; white clod *0-5'* limestone *4'-10'* this direction  
 FLOOR *fire clay 2' ss 10'+*  
 DIP *East 3°* CLEAT *NE-SW 45°* *about 35° E of TL.*

FAULTS, ETC. a rather large fault in NW workings 5-6 entries + old # 1 + 2  
 MACHINES *Morgan-Bardner, chain (8), cuts 170 tons 8 hours.*

HAULAGE *Rope haulage 3100'* from three different sections of mine. mules. CARS *Wooden 38-3900 lbs.*

DRAINAGE *dry*  
 WORKING SYSTEM *Room + pillar.*

ENTRIES, MAIN *12'* CROSS *12'* ROOMS *30' W 200' l*  
 PILLARS, MAIN *50'* CROSS *40'* ROOM *25'*

DRAWN *No.* TIMBERS *Under shale every 3' with crossbars in both main + cross entries.*

Note also: Variation in coal, impurities, roof, structure. 6 upright props to every 5' *each 2000' thru 40'*  
 Collect records, analyses, fossils. Note land values, etc.

- 12 Coal
- 13 Blue band
- 14 Coal
- 15 Sulfhur
- 16 Coal

- 2"
- 2"
- 4 3/4"
- 1/4"
- 14"

1712

The fault encountered has not been penetrated  
but encountered everywhere in NW workings.  
Will put entry down this winter sometime

Bull # 8

- Rice Miller Supt
- W. H. Smith Mine Mgr
- W. E. Hild Mine Inspector

Grout N.B. 7-P9.

About 10" of coal, generally left to protect the top shale, which  
does not make a good roof. When this is taken the 2' to 4'  
slate come down leaving rock roof which is good.

Outcrop of Shoal Creek Ls. on the Butler road, 4 or 5 miles  
east of Litchfield, in the Shoal Cr. Valley.

NOTE:

Roof: Blk. slate 1'6"		Depth: 454'
Ls. 5		Coal Thickness: 7'6"
Bottom: Fireclay 3'		
Ls.		

(J.D., 1956 - taken from notes  
by S. Brown from old  
files of Donk Bros. C.C.)

625  
4436

1712  
1642



3325

John C. Moore Corporation, Rochester, N. Y. Binder and holes in leaves, each Patented 1906.  
(32031-300-6-25)

Mine Name or No. 1 Mine Address Hillsboro

Operator Hillsboro Coal Co

Main Office Address Hillsboro

Illinois

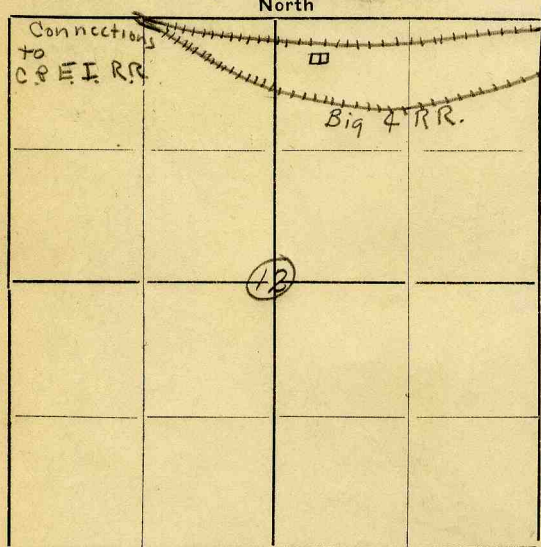
Location of Mine:

Township Name Hillsboro County Montgomery

Section No. 12 Township 8 Range 4 <sup>N</sup>/<sub>S</sub> <sup>E</sup>/<sub>W</sub>

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

North



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

360 from N. line  
2400 from E. line  
4900 from S. line  
2900 from W. line

Idle entire year 19\_\_\_ Yes  
No

Abandoned (date) 19\_\_\_

Surface landing is \_\_\_\_\_ feet above sea level or about \_\_\_\_\_ feet (above) (below) railroad station at \_\_\_\_\_ (nearest town).

Depth to top of coal is 433 feet.

Average thickness of coal is 7 feet 2 inches.

Do not fill in below this line.

Coal Bed Name Bellerive Survey No. 6

County Montgomery Index No. \_\_\_\_\_

V—MINE LOCATION SHEET.





Operator, *Hillsboro Coal Co*  
 Mine, *Hillsboro #1*  
 Location in mine,

Date *July 31, 1931*  
 Sec. *12* T. *8 N* R. *4 W*

*Face of Robin Entry (over)*

GRAPHIC SECTION		DESCRIPTION OF SECTION (AT POINT SAMPLED)		
<p>In. </p>	<p>No. <i>10</i> <i>9</i> <i>8</i> <i>7</i> <i>6</i> <i>5</i> <i>4</i> <i>3</i> <i>2</i> <i>1</i></p>	<p>No. (Note character and thickness of roof)</p> <p><i>Limestone Roof.</i>  <i>6" clod over coal</i>  <i>Top of Seam 86"</i></p> <p><i>(10) Pyritic streak</i>  <i>(9) Charcoal 1/2 to 1"</i>  <i>(8) Dull coal 1/2" more dull than usual.</i>  <i>(7) Pyrite 1/2"</i>  <i>(6) Charcoal 1/2"</i>  <i>(5) " 1/4"</i>  <i>(4) Charcoal</i>  <i>(3) Blue Band - 1 1/2" hard blue pyritic clay</i>  <i>(2) 1/4" Charcoal, thickens to 1" laterally</i>  <i>(1) Fire Clay, very hard, light colored</i></p> <p>(Note character and thickness of floor)</p> <p>Total thickness of coal</p>	<p>Inches</p>	<p>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?</p>

Sample No. *14* Can No. *R 14* Lab. No.

Collector, *H. M. Nicholson* Coal: Survey No. *6*  
 Mine, *Hillsboro #1* Co. *Montgomery* Index No.

4200' East and 4500' South of main shaft.

Conf. 2/10/10



2400' 10" 11" 12" 13" 14" 15" 16" 17" 18" 19" 20" 21" 22" 23" 24" 25" 26" 27" 28" 29" 30" 31" 32" 33" 34" 35" 36" 37" 38" 39" 40" 41" 42" 43" 44" 45" 46" 47" 48" 49" 50" 51" 52" 53" 54" 55" 56" 57" 58" 59" 60" 61" 62" 63" 64" 65" 66" 67" 68" 69" 70" 71" 72" 73" 74" 75" 76" 77" 78" 79" 80" 81" 82" 83" 84" 85" 86" 87" 88" 89" 90" 91" 92" 93" 94" 95" 96" 97" 98" 99" 100"

1	Description of soil	Moisture	Temperature
2	Description of soil	Moisture	Temperature
3	Description of soil	Moisture	Temperature
4	Description of soil	Moisture	Temperature
5	Description of soil	Moisture	Temperature
6	Description of soil	Moisture	Temperature
7	Description of soil	Moisture	Temperature
8	Description of soil	Moisture	Temperature
9	Description of soil	Moisture	Temperature
10	Description of soil	Moisture	Temperature
11	Description of soil	Moisture	Temperature
12	Description of soil	Moisture	Temperature
13	Description of soil	Moisture	Temperature
14	Description of soil	Moisture	Temperature
15	Description of soil	Moisture	Temperature
16	Description of soil	Moisture	Temperature
17	Description of soil	Moisture	Temperature
18	Description of soil	Moisture	Temperature
19	Description of soil	Moisture	Temperature
20	Description of soil	Moisture	Temperature
21	Description of soil	Moisture	Temperature
22	Description of soil	Moisture	Temperature
23	Description of soil	Moisture	Temperature
24	Description of soil	Moisture	Temperature
25	Description of soil	Moisture	Temperature
26	Description of soil	Moisture	Temperature
27	Description of soil	Moisture	Temperature
28	Description of soil	Moisture	Temperature
29	Description of soil	Moisture	Temperature
30	Description of soil	Moisture	Temperature
31	Description of soil	Moisture	Temperature
32	Description of soil	Moisture	Temperature
33	Description of soil	Moisture	Temperature

SECTION NO. 1 (100' TO 1000')

SECTION NO. 2 (1000' TO 10000')

SECTION NO. 3 (10000' TO 100000')

SECTION NO. 4 (100000' TO 1000000')

SECTION NO. 5 (1000000' TO 10000000')

SECTION NO. 6 (10000000' TO 100000000')

SECTION NO. 7 (100000000' TO 1000000000')

SECTION NO. 8 (1000000000' TO 10000000000')

SECTION NO. 9 (10000000000' TO 100000000000')

SECTION NO. 10 (100000000000' TO 1000000000000')

SECTION NO. 11 (1000000000000' TO 10000000000000')

SECTION NO. 12 (10000000000000' TO 100000000000000')

SECTION NO. 13 (100000000000000' TO 1000000000000000')

SECTION NO. 14 (1000000000000000' TO 10000000000000000')

SECTION NO. 15 (10000000000000000' TO 100000000000000000')

SECTION NO. 16 (100000000000000000' TO 1000000000000000000')

SECTION NO. 17 (1000000000000000000' TO 10000000000000000000')

SECTION NO. 18 (10000000000000000000' TO 100000000000000000000')

SECTION NO. 19 (100000000000000000000' TO 1000000000000000000000')

SECTION NO. 20 (1000000000000000000000' TO 10000000000000000000000')



Operator, Hillsboro Coal Co  
 Mine, Hillsboro #1  
 Location in mine,

Date Aug 1 1931  
 Sec. 12 T. 8 N R. 4 W

Room 27 off Ted Entry (over)

GRAPHIC SECTION

DESCRIPTION OF SECTION (AT POINT SAMPLED)

In.	No.	No.	(Note character and thickness of roof)	Inches
7			Limestone Roof 3" clod over coal Top of Seam 87"	
6	11			
	10			
5	9		(11) charcoal parting	
	8		(10) charcoal parting and pyrite streak	
4	7		(9) charcoal " " " lamina	
	6		(8) " " " " "	
3	5		(7) " " " " "	
	4		(6) " " "	
2	3		(4) 1/2" pyritic charcoal	
	2		(3) 1" pyritic clay Blue Band.	
1	1		(2) charcoal parting	
			(1) Fire clay, weathers when exposed but hard when fresh. (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?				

(1 division = 3 in.)

Sample No. 15

Can No. R15

Lab. No.

Collector, H. Nicholson

Coal: Survey No.

6

Mine, Hillsboro #1

Co. Montgomery

Index No.

3400 'North and 5200' E of Shaft

Section No.	Core No.	Ref No.
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Section No. 101  
Core No. 102  
Ref No. 103



Hillsboro Coal Company.

Columns No. 14 and 15.

Column No. 14 was obtained in the mine of the above company at a point 4200 feet east and 4500 feet south of the shaft. This column was cut at the face of an entry on a corner where a cross-cut had just been started. The distance to either face was not over ten feet so the coal was very fresh. At this place the coal was overlain with about three inches of gray clod that was relatively full of fossils and which softened and fell soon after the coal was removed. It was a constant danger while cutting the sample as it could not be pried down while fresh. The column was obtained by cutting entirely ~~by cutting~~ with picks. The coal was quite hard and tough and under considerable strain and shattered as usual when loosening it from the roof.

Column No. 15 was obtained at point 3400 feet north and 5200 feet east of the shaft. The place where the column was cut was on the corner of a room and a cross-cut and in a good current of fresh air. The corner was squared up with the least effort of any column previous and was chosen on the day previous with the idea of using the saw under ideal conditions. However the generator was under repair that day and there was no electric power in the mine so all the work was done with a pick. The column was cut entirely from the top to the bottom and put into a sprig as accustomed and the clod removed from over the coal.



The column was obtained in good condition with the exception of the very top which shattered and the bottom which was very friable.

The officials of the mine are:

Rice W. Miller, Secy., Hillsboro Coal Co.  
Hillsboro.

Welch, Mine Supt.

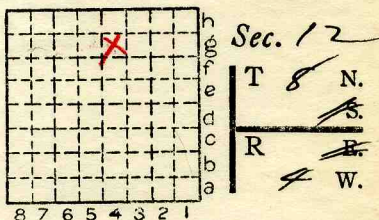
Location and Elevation Data

Location: Exact Approximate  
(Approximate only if no trace of record of original exists)  
Location by..... 0-65  
Date..... Notebook No..... Page.....  
Looseleaf ref.....  
Map files No.....

Description of Location

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

850 feet from North line  
..... feet from East line  
..... feet from South line  
2860 feet from West line



Other description:.....  
.....

Farm.....  
No.....  
Company Hillbros Co

No. AS  
County No. 192

Elevation 622.1 ft.  
By Wilson

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.) Air shaft of mine SA  
County Mont. Quadrangle Offen Index No. 1712 G4



A-5 New ✓