



Form 180

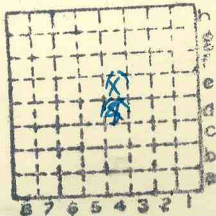
R - F

HERRIN

Gill CC

S2.

244



Sec.	27
T.	3 ^{N.} _{S.}
R.	6 ^{E.} _{W.}
Index No.	

✓ MI 80 Crossref 793



Mine originally operated by: (1)

Date 1900 **Borders Coal Co.**

Original name or number:
Illinois Coal Report p.

LATER OPERATORS

Date	Operator	Name or No.
2	1903 Borders Coal Co.	#1
3	1911 Borders Coal Co.	B. C. Co.
4	1912 Borders Coal Co.	#1
5	1913 Forsyth Coal Co.	"Forsyth"
6	1915 Dozaw Valley Co.	"D. Valley"
7	1916 Forsyth Coal Co.	
8	1919 New Marissa Coal Co.	
9	1922 Lyle Coal Co.	
10	1931 Gill Coal Corp.	
11		
12		
13		
14		



* Also owners #See ownership sheet

Railroad, Wagon, Idle, Abandoned shaft

S-2

'38

IDENTIFICATION

County No. 244

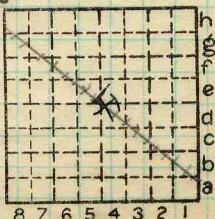
Coal No. 6



Part 3

Quad. 252
Coulterville

County St. Clair



Sec. 27

T. 3 N. S.

R. 6 E. W.

Index No.

1727.4d

COAL MINE OPERATOR



(Sheets) COAL PRODUCTION (Sheet)

No.	Period						Tons	
	Mo.	Day	Year	Mo.	Day	Year		
	1	1	34	12	31	34	54	733
	1	1	35	12	31	35	45	666
2	1	1	1936	12	31	1936	13	507
2	1	1	1937	12	31	1937	23	753

#3

SUMMARIES

No.	to	No.	Tons
1900	—	1933	1,842,891

Railroad, Wagon, Idle, Abandoned

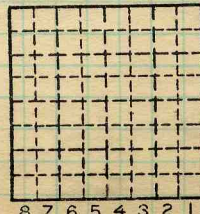
I.C.

IDENTIFICATION

County No. 244 Coal No. 6

Quad. Coulterville Part 3

County ST CLAIR



Sec. 27

T. 3 S.

R. 6 W.

Index No.

COAL MINE—PRODUCTION

1727-4



LOCATION AND ELEVATION

Location: SW side I.C side side Highway No. R. R. R. R.

on top. map Location sheet N.B. 526

Elevation: Method, 1. Est. () ft. 2. Inst. (kind Planetable) 478.5 ft.

By Skinner Data sheet

DEPTH

Authority To coal 99 ft. Authority Rail to rail ft. Top of coal above rail. (Est. Rule) ft. To coal 379.5 ft.

ALTITUDE OF TOP OF COAL

By estimated data By instrumental data ft.

Thickness

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

GEOLOGICAL DATA

Mine notes, date 1908 1912

Coop No. 80 Pyr. inv. Coal Ash inv.

CHEMICAL DATA

Analyses Face U. I. 3 (#80) 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

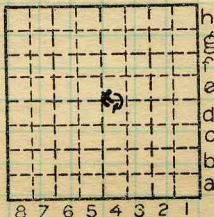
Misc. tests: Coking. Cleaning Boiler

Published descriptions:—

Railroad, Wagon, Idle, Abandoned

IDENTIFICATION

County No. 244 Coal No. 6 Part 3 Quad. Coulterville County St Clair



Sec. 27

T. 3 S. R. 6 W.

Index No.

1727-4d

COAL MINE LOCATION AND DATA



COAL MINING INVESTIGATION

1727

Cooperative Agreement

Operator, Borders Coal Co. ✓ Date, Aug 30 ✓ 1912

Mine, Borders ✓ Located 1/4 miles SE from Marissa ✓

Location in mine, Room 5 from Face of 2nd E off N. ✓

Total (vertical) depth from surface at point of sampling
125

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 3/8 inch thick or over (and even those of less thickness if they are rejected at mine or tipple).

Section of Bed at Point Sampled

No.	Description	Feet	Inches
X 1	Roof Limestone		
2	Coal - Top bench - clean - bright		9 1/2
3	Coal - clean - bright	1	3 1/4
4	Bone		1/4
5	Coal - dirty	286	4 3/4
X 7	Pyrite & bone		
8	Coal - dirty	1	5 3/4
X 9	Bone - shale - blue band		
10	Coal - dirty	1	6 1/2
X #	floor - fire clay ✓		
		Total	6 - 6 ✓

Is coal wet or dry? - Dry ✓
 Time exposed, 0 hours 35 minutes.
 Weight, 40# ✓ gross, net.
 What are the impurities, and how do they occur. bone
 What are shipped? 2, 3, 4, 5, 6, 8, 10 Shale, pyrite, dirt
 What are excluded from sample? 1, 7, 9, 11 in horizontal streaks
 Coal bed, No. 6 ✓

#5526

Town, Marissa ✓ Mine, Borders ✓ Jo. Borders ✓
 Sample No. 80A (sub) ✓ Can No. M.E. 17 ✓ No. 801727 ✓
 1. -- COAL SAMPLE SHEET. Sampler. Nebel & Smith

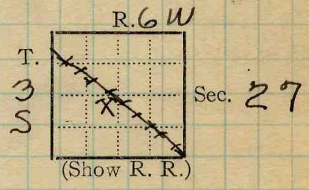


Town, Marissa
Local Authority,
Level: Auth., Skinner p 57 N0526

?
Surface alt., 450 Rolfe Map ft.
Depth to coal, 102 ft.
Alt. top coal, 348 ft.
Thickness: Av. in.
Max. in., Min. in.

Method, Plane table

R. R., I. C.



Location: authority, Cady's Map #3

Operator _____ Mine Name or No. _____

19 18 Forsythe Coal Co Forsythe
Mine Inspector March 18
Successor to Borders Coal Co Borders #1
Date _____
Succeeded by Dozaw Valley Coal Co. Dozaw Valley
Date (Coal operators '16)
Succeeded by Lyle Coal Co New Marissa
Date 1405 Boatmen's Bank Bldg

PRODUCTION.

St. Louis, Mo

U. S. No. Q

19								
	<u>10/7/26</u>	<u>Owners have leased to</u>						
		<u>Wallace Coal Co, St. Louis</u>						
	<u>10/7-26 (Coal Ags)</u>	<u>- new steel tippie under construction</u>						
<u>1927</u>		<u>66730</u>						
<u>1928</u>								
<u>1929</u>		<u>active</u>					<u>1930 #39</u>	

Geol. Notes? Yes Coop. No. 80 Coal secs? Yes
Analyses No. 5524-25-26 GEN'L COAL REPT. 244

Examined by _____ Ref. _____
Coal bed name: Local _____ Survey No. 6
County St. Clair Index No. 1727

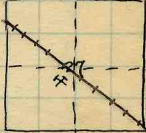
K.—ACTIVE SHIPPING OR LOCAL COAL MINE.



1727

COAL MINE NOTES.

COUNTY *St Clair* TOWN *Marissa* MAP No. *24127*
 T. *3 S* R. *6 W* S. *27^m* office records
 OPERATOR *Borders coal co.,* *near center*
 OFFICE *Marissa* *NE 1/4 SW 1/4*
 MINE No. *1* COUNTY
 TIPPLE *Wooden*



ENGINES *Wm Ellison & Son. 14 1/2 x 30 geared 3 to 1 x*
 BOILERS *2 each 80 horse power x*
 DRUM *Wooden 6 1/2' diam.*
 SHAFT *2 compart. 6 x 12 shaft.* CAGE *stand dump.*
 HAULAGE *8 mules. Will install gas. eng. made by H & H. Belleville*
 CARS *wooden, 1 1/2 ton. 108 cars. 50 horse power machine x*
 VENTILATION *Coal fan 16' diam. blades 5' x 30" wide. down east*
no over east. terraces.
 DRAINAGE *no water in workings. Pumps for sump water.*
 SPRINKLING *about every two weeks using about 900 gals water*
 WORKING SYSTEM *Room & pillar.*
 MINING METHODS *stand mining. shot off solid.*

SIZE OF ENTRIES—MAIN *21'* CROSS *21'* ROOM *35 in; 250* NECK } *to roof turn*
 SIZE OF PILLARS—MAIN *30'* CROSS *30'* ROOM *25'* } *at 45°*
 SHAFT *50'* CHAIN BARRIER

AMOUNT OF TIMBERING *45 props to 600 tons coal* SIZE *6 1/2' - 9'* *Timbers along entries*
 PROPORTION OF COAL UTILIZED *66%* *every 4 to 5 ft.*

AMOUNT AND CHARACTER OF WASTE *Some fine coal and all*
pillars.

ACREAGE OF COAL MINED *100 acres,*
 ACREAGE OF COAL REMAINING *130 on S side and 50 on N side.*

PROPORTION OF MINE RUN AND SCREENED COAL
 METHOD OF SIZING *Bar diamond* RESCREENED

SIZES *umps. 1 1/2*
 PER CENT *72%* *28* none

PROPORTION AND SIZE OF WASHED COAL *none* GEN'L COAL REPT.
 DAILY OUTPUT *600 tons* *244*

UTILIZATION *Steam and domestic use.*

MARKETS *St. Louis, E. St. Louis, Chicago, South & Missouri,*
 FREIGHT RATES *E. St. Louis 32¢*

SELLING PRICES AT MINE *during last year & half about 75¢ ton*

COAL LAND OWNED *520 acres* LEASED *50* HELD IN FEE *none*
 COST OF LAND OWNED *on average* LEASED HELD IN FEE
 ADDITIONAL NOTES *\$27.27 acre 200 acres @ \$40 + 200 at \$10.27*



COAL MINE NOTES.
CONTINUED.

OPERATOR *Bonders coal co*

MINE #1 **1727**

ENTRANCE *Shaft 105'*

NAME OF COAL BED *6*

ELEVATION *450 (Polfe map)*

THICKNESS OF COAL

DEPTH TO FLOOR *105'*

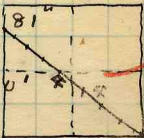
MAX. *102"*

MIN. *72"*

AV. *81"*

ALTITUDE OF COAL *top - 348*

LOCATION OF SECTION *A straight south air course about 1700'*



No. SECTION.

No.	SECTION.	In.
1	Roof sh	7
2	coal	16
3	sulphur	1/4
4	coal	19 1/2
5	sulphur	1/8
6	coal	22 1/2
7	sulphur	1/8
8	coal	3
9	blue band	1
10	coal	20
11	br	7
Tape 80'		Total

COUNTY

SECTION

SAMPLE No. *401*

CAN No. *6 tag 280*

CONDITION *Very*

GROSS WEIGHT *30#*

TIME EXPOSED *1 1/2*

NOT SHIPPED *10*

NOT INCLUDED *10 + 4*

Feet



PHYSICAL PROPERTIES BY NUMBERS

no. 3 brittle, bright crushed coal.

5) Some small nodules coal 1/16" - 1/8" alternating dk + light bands. • no 7 softer coal. small patches sulphur, duller entire than top coal. (11) Very dark coal, brcl.

ROOF *to roof 5' x dk. 0-15' draw slate 0-14"*

FLOOR *f.c. 4' to 6' ± x*

DIP *NE about 2' in hundred.*

FAULTS, ETC. *Some rolls and slips. coal never cut out by rolls.*

GAS *sometimes a small blower.*

COLLECTOR *John Uelder* REFERENCE

Additional Notes " "

14B158, P30

DATE *July 28 09*

1727

~~1727~~