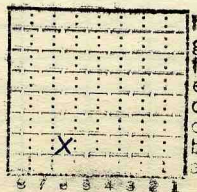


Location of #88 in
mine notes doesn't
agree with Bills
map.

Kincaid & Arnold #1
(or Mitchell)

County No. = 88



Sec. 27

T.	11	N.
R.	10	W.

Index No.

08 27 B6

MI = # 749

Co. No. _____ County _____ Sec. _____ T. _____ R. _____ T.&R. _____

Company *Kincaid & Arnold* No. *1* Farm _____ No. _____

Elev. *572'3"* of _____ by _____ Total depth _____ Year drld. *1908*
(Nov. 1909)

For *C* Method *S* Result *A* Type log _____ Core desc. *K&A*

Stripped _____ Analysis _____ Confd. _____ Publ. *Area 4*
C-88

Location *1190' from S. line, 1320' from W. line*
map 4102 i5.1-81

Core logged _____ by _____

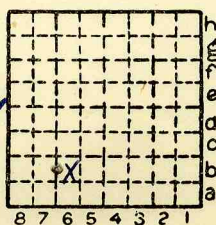
Remarks: *Arnold in mine notes, Mitchell in Col. Reports.*

MI = 749

KEY BEDS

Code	Name	Depth	Thk.	Elev.
	<i>#6</i>	<i>52'</i>	<i>5'6"</i>	<i>520'</i>

Correlations by _____ basis _____
Date _____ Quad. *Greenfield*
County *Greene* Co. No. *88*



Sec. *27*
T. *11* N.
R. *10* W.

Mine originally operated by: (1) *formerly E.E. Burroughs*
 Date 1909 *Kincaid & Arnold Coal Co.*

Original name or number:
 Illinois Coal Report _____ p. _____

LATER OPERATORS

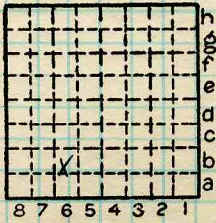
Date	Operator	Name or No.
2 1915	<i>Kincaid & Arnold^(?) Coal Co.</i>	
3		
4		
5		
6 <i>Sunk?</i> 1908	<i>E.E. Burroughs</i>	
7	<i>Nov. 1909 to Kincaid & Arn.</i>	
8		
9		
10		
11		
12		
13		
14		

*Also owners _____ #See ownership sheet _____

Railroad, Wagon, Strip, Idle, Abandoned _____

IDENTIFICATION
 County No. 88
 Coal Report No. _____
 Quad. *Greenfield*
 County *Greene*

1917
 Coal No. _____
 6



Sec. *27*
 T. *11* N. *β*
 R. *10* W. *β*
 Index No. _____

COAL MINE OPERATOR





(Sheets) COAL PRODUCTION (Sheet)

Period		Tons
Mo. Day Year	Mo. Day Year	
	1909	1600
opened Nov. 1909	1910 (cl. Rep.)	12 000
	1911	4 200
	1912	6 428
	1913	5 400
	1914	3 845
	1915	4 145
	1916	3 458
		3 515

SUMMARIES

No. to No.

Railroad, Wagon, Strip, Idle, Abandoned

IDENTIFICATION

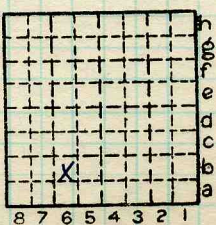
County No. 88

Coal No. 6

Coal Report No. _____

Quad. Greenfield

County Greene



Sec. 27

T. 11 N.

R. 10 W.

Index No.

COAL MINE—PRODUCTION

ILLINOIS GEOLOGICAL SURVEY, URBANA

0827 136





Location and Elevation Data

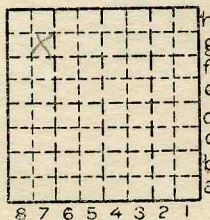
Location: Exact Approximate
(Approximate only if no trace of record of original exists)

Location by *None noted*
Date..... Notebook No..... Page.....
Looseleaf ref.....
Map files No.....

Description of Location

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

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



Sec. 27
T 11 N.
S.
R E.
10 W.

Other description:.....

Farm.....

No.....

Company *Ronald & Ronald*

No. *1*

County No. *88*

Elevation *540* ft.

By *J.C.M.*

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.) *shaft*

SKELETON LOG

County *Greene* Quadrangle *Greenfield* Index No. *08 2767*

X *Lol* *V*



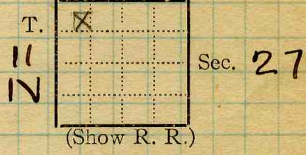
Town, Greenfield
Local Authority,

Surface alt., 540 ± ft.
Depth to coal, 52 ± ft.
Alt. top coal, 488 ± ft.
Thickness: Av. 66 in.
Max. 84 in., Min. 58 in.

Level: Auth.,
Method,

R. R.,

R. 10W



Location: authority, Mine notes.

Operator

Mine Name or No.

19 Kincaid + Arnold No. 1

Successor to
Date
Succeeded by
Date
Succeeded by
Date

PRODUCTION.

								U. S. No.
19								

Geol. Notes? Yes Coop. No.

Coal secs? Yes

Examined by
Coal bed name: Local LOCAL MINE
County Greene

Ref.
Survey No.
Index No. 0827

K.—ACTIVE SHIPPING OR LOCAL COAL MINE.
#88



COAL MINE NOTES.

LOCAL MINE
MAP No.

COUNTY *Green* TOWN *Greenfield*
 T. *11 N* R. *10 W.* S. *27 SE 1/4 NW 1/4 NW*
 OPERATOR *Hincaid + Arnold*
 OFFICE *Greenfield, Illinois*
 MINE # *1*
 TIPPLE *Wooden*
 ENGINES
 BOILERS
 DRUM *kin*
 SHAFT *11x5; 2 compartment* CAGE, *home made, wooden*
 HAULAGE *Cars pushed by hand*
 CARS *wooden, capacity 800-1000 lbs.*
 VENTILATION *Hot air furnace*
 DRAINAGE *Water into barrels dumped into sump & pumped to surface*
 SPRINKLING
 WORKING SYSTEM *Room & pillar*
 MINING METHODS *Shot off solid*

SIZE OF ENTRIES—MAIN *12'* CROSS *12'* ROOM *25'x100'* NECK *square*
 SIZE OF PILLARS—MAIN *30'* CROSS *20'* ROOM *10'-12'*
 SHAFT *25' square* CHAIN BARRIER
 AMOUNT OF TIMBERING *About 10 timbers a week* SIZE *5', 6', & 7'*
 PROPORTION OF COAL UTILIZED *60%*
 AMOUNT AND CHARACTER OF WASTE *fine coal about 90%*

ACREAGE OF COAL MINED *8 acres*
 ACREAGE OF COAL REMAINING *1 1/2 acres*
 PROPORTION OF MINE RUN AND SCREENED COAL
 METHOD OF SIZING *brude diamond bars, hand.* RESCREENED
 SIZES
 PER CENT

PROPORTION AND SIZE OF WASHED COAL
 DAILY OUTPUT *Variable about 3 bushels a week.*
 UTILIZATION *Domestic use.*
 MARKETS *Local*
 FREIGHT RATES
 SELLING PRICES AT MINE *8 cents a bushel*
 COAL LAND OWNED *none* LEASED *120* HELD IN FEE *0827*
 COST OF LAND OWNED LEASED *1/2 bushel* HELD IN FEE
 ADDITIONAL NOTES *Section # 48 lump coal*



COAL MINE NOTES.
CONTINUED.

OPERATOR *Rineaid & Arnold* MINE #1
 ENTRANCE *Shaft* NAME OF COAL BED #6
 ELEVATION *540±* THICKNESS OF COAL
 DEPTH TO FLOOR *56' 7"* MAX. *84"* MIN. *58"* AV. *66"*
 ALTITUDE OF COAL *484'±*
 LOCATION OF SECTION *Straight east entry about 332' from shaft.*

No. SECTION.

No.	SECTION.	In.
1	Shale	+
2	Broken, clayey seams & coal	11
3	Broken clayey seams & coal	11
4	Clay soft	1
5	Mother coal	1
6	Clay & sulphur soft	1
7	Coal	17
8	Sulphur	1/4
9	Coal	5 1/2
10	Blue band	1
11	Coal	23
12	Fire clay	30
	Tape 69	Total 70 3/4

SECTION



SAMPLE No. *U 417*
 CAN No. *83*
 CONDITION *Stry*
 GROSS WEIGHT *30 lbs*
 TIME EXPOSED *1 hr*
 NOT SHIPPED # *10*
 NOT INCLUDED # *10, #8*

#6, #4 #2

PHYSICAL PROPERTIES BY NUMBERS #2

#2 consists of a broken coal with numerous clay seams. This is irregular in its occurrence #3 a hard, brittle bright coal. #7 & 9, not so bright, softer and darker in color. #11 a bright, hard, dark colored coal irregular in its thickness, sometimes as much as 30" and less than 12". Blue band #10 irregular in occurrence at times absent and at times 2" in thickness.

ROOF Black to gr shale soft, irregular in thickness

6'-24" Limestone 2' to 14' in thickness.

FLOOR Soft clay shale 2 1/2' thin limestone + 4'

DIP About 1 1/2' - 2' in every 100'

FAULTS, ETC. a small fault with a displacement of 12" observed in main east entry

GAS None

COLLECTOR *Jon & Udden* REFERENCE *County No. # 88*

DATE *11/19/09*

0827

#2750