

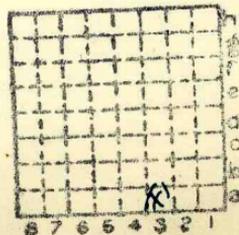


Form 180

Consolidated C #7.

mi. # ~~189~~ 189

259  
S-1



Sec. 21

T. Y N. S.

R. 6 W. E.

Index No.





Mine originally operated by: (1) **Williamson, Townsend, & Staunton**  
 Date **1882**

Original name or number:  
 Illinois Coal Report p.

LATER OPERATORS

Date	Operator	Name or No.
2 1883	Ellsworth Coal Co.	#7
3 1887	Consolidated Coal Co.	#7
4 1952	Staunton Mine Leases, Inc.	
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		

300' N 700' E of SW Corn. SW SE (1948)

1946  
OK

\* Also owners #See ownership sheet

Railroad, Wagon, Idle, Abandoned **shaft**

~~WABASH RR~~

IDENTIFICATION

County No. **259**

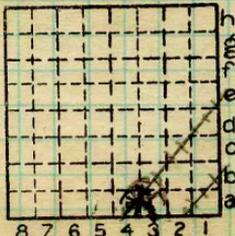
Coal No. **6**

Quad. **Gillespie**

Part **7**

County

(1948) **7'0"**



Sec. **21**

T. **7** N.  
 S. **S.**  
 R. **6** W.  
 Index No.

**2421**

COAL MINE OPERATOR

Macoupin



( Sheets ) COAL PRODUCTION ( Sheet )

No.	Period						Tons	
	Mo.	Day	Year	Mo.	Day	Year		
			1934			1935	106	317
			Cap. - 1926				3	800
			(*Coal Age - 10/21/36 - "has resumed operations")					
						1927	318	013
						1931	306	021
						1932	431	332
1	1	1	1936	12	31	1936	281	176
1	1	1	1937	12	31	1937	346	656
S-1	1	1	1938	12	31	1938	387	982
						1940	472	308
S-1	1	1	1941	12	31	1941	498	777
S-1	1	1	1942	12	31	1942	526	956
						1943	605	321
						1944	572	078
						1945	581	663
						1946	554	288
						1947	499	437
						1948	478	776
							401	401

SUMMARIES

No.	to	No.		
1882		1930	10	215 962

Railroad, Wagon, Idle, Abandoned

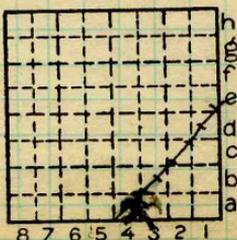
IDENTIFICATION

S-1

County No. 259 Coal No. 6

Quad. Gillespie Part 7

County Macoupin



Sec. 21

T. 7 N.

R. 6 W.

Index No.

2421 24

COAL MINE—PRODUCTION



( Sheets) COAL PRODUCTION (Sheet )

Period						Tons		
Mo.	Day	Year	Mo.	Day	Year			
					1949	349	497	
					50	305	401	
					51	55	651	
					52	19	889	

SUMMARIES

No. to No.

Railroad, Wagon, Strip, Idle, Abandoned

IDENTIFICATION

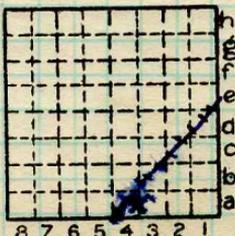
County No. 259

Coal No. 6

Coal Report No. 5-1

Quad. Gillespie

County MACDUPIN



Sec. 21

T. 7 N.

R. 6 W.

Index No.

2521 94

COAL MINE—PRODUCTION

ILLINOIS GEOLOGICAL SURVEY, URBANA



LOCATION AND ELEVATION

Location: **E** side **Wabash R.R.** R. R.  
 side R. R.  
 side Highway No.

*Mid. Stone*

on top. map Location sheet **675E, 225N S.W. cor**

Elevation: Method, 1. Est. ( ) ft.  
 2. Inst. (kind **Level**) **657.44** ft.

By **Co. Eng.** Data sheet

DEPTH

Authority To coal **355** ft.  
 Authority Rail to rail ft.  
 Top of coal above rail. (Est. Rule) ft.  
 To coal **350** ft.

ALTITUDE OF TOP OF COAL

By estimated data  
 By instrumental data

**301.44** ft.

Thickness  
 Max. **90** in. Min. **60** in. Aver. **84** in.

GEOLOGICAL DATA

Mine notes, date **1912**  
**1921**  
 Coop No. **189** Pyr. inv. Coal Ash inv.

CHEMICAL DATA

Analyses Face	U. I.	B. M. <b>81016-7-8-9</b>	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
<b>#189</b>	U. I.	B. M.	Others

Classification **R.I. 118 U.C.I. 140**

Misc. tests: Coking. Cleaning Boiler

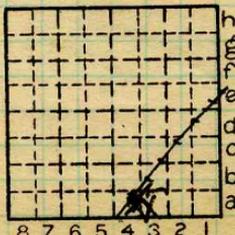
Published descriptions:— **300' N } SW cor SWSE**  
**200' E }**

Railroad, Wagon, Idle, Abandoned

IDENTIFICATION

County No. **259**  
**Gillespie**  
 Quad. **200**  
 County **Macoupin**

Coal No. **6**  
 Part **7**



Sec. **21**  
 T. **7** N.  
 R. **6** W.  
 Index No.

**2921**

COAL MINE LOCATION AND DATA



COAL MINE NOTES.

COUNTY *Macoupin* TOWN *Stanton* MAP No. *2421*  
T. *7N* R. *6W* S. *SE 1/4 21*

OPERATOR *Consolidated Coal Co.*

OFFICE *Stanton*

MINE ~~#6~~ *No. 7?*

*USED IN GOV. REPT. 1914.*

TIPPLE

ENGINES

BOILERS

DRUM

SHAFT

CAGE

HAULAGE *Endless rope double track, 7000' long. Mules to gather load*

CARS

VENTILATION

DRAINAGE

SPRINKLING

WORKING SYSTEM

MINING METHODS *Formerly by hand, now by machine.  
Punchers, Harrison make used. Work 2 shifts at machines.  
Speed endless rope 3 miles per hour.*

SIZE OF ENTRIES—MAIN CROSS ROOM NECK

SIZE OF PILLARS—MAIN CROSS ROOM

SHAFT CHAIN BARRIER

AMOUNT OF TIMBERING SIZE

PROPORTION OF COAL UTILIZED

AMOUNT AND CHARACTER OF WASTE

ACREAGE OF COAL MINED *Coal worked out on West side and 1/2 miles on east.*

ACREAGE OF COAL REMAINING

PROPORTION OF MINE RUN AND SCREENED COAL

METHOD OF SIZING RESCREENED

SIZES

PER CENT

PROPORTION AND SIZE OF WASHED COAL

DAILY OUTPUT *1000 tons.*

UTILIZATION

MARKETS

FREIGHT RATES

SELLING PRICES AT MINE *County #259*

COAL LAND OWNED LEASED HELD IN FEE

COST OF LAND OWNED LEASED HELD IN FEE

ADDITIONAL NOTES *Mine is located close to the Wabash Station.* **2421**



COAL MINE NOTES.  
CONTINUED.

OPERATOR *Con C. Co.* MINE ~~#6~~ *No. 7?*  
 ENTRANCE *shaft* NAME OF COAL BED *#6* **2421**  
 ELEVATION *645 U.S.G.S.* THICKNESS OF COAL  
 DEPTH TO FLOOR *365' about.* MAX. *8'* MIN. *7'* AV.  
 ALTITUDE OF COAL *280*  
 LOCATION OF SECTION *Room 17 off 27 Left off east entry.* USED IN COOP. REPT. 1919

No.	SECTION.	In.		SECTION
1	Coal	24	SAMPLE No. <i>W 11</i>	Feet
2	Sulphur	<i>24 1/4</i> 1/4		
3	Coal	13	CAN No.	
4	<i>Like blue band</i>	<i>37 5/8</i> 3/8		
5	Coal	15	CONDITION	
6	Sulphur	1/8		
7	<i>Coal full of small sulphur streaks</i>	12	GROSS WEIGHT <i>35</i>	
8	Sulphur	1/8		
9	Coal	5 1/2	TIME EXPOSED	
10	Sulphur + Clay	1/4		
11	Coal	4 1/2	NOT SHIPPED	
12	<i>Blue Band</i>	1/2		
13	<i>Tap Coal</i>	<i>Total</i> 14	NOT INCLUDED	

*89 1/2*

PHYSICAL PROPERTIES BY NUMBERS

ROOF *Black slate 15"; L.S. Black slate varies in thickness.*

FLOOR *Fire Clay 6" to 24"*

DIP

FAULTS, ETC. *No clay veins, concretions, or horse backs. Occasional rolls in roof.*

GAS

*#737* county *#259*  
 COLLECTOR *Wheeler* REFERENCE *NB 141, P 30* DATE **2421**







Symbol 6  
1 division = 8 in.]

Description Cannel, #7 Inches



clay seam separating 2 layers of ls.  
 3'-1" ls.  
 3" clod  
 30-37" bl. slate  
 33"  
 18-14" Fairly persistent parting - clay & pyrite  
 11<sup>th</sup> R. off Main S.  
 7' Coal.  
 14-1/2" "Blue band"  
 12"-15"

Collector. Spotts and Payne

Coal: Survey No. 6

Mine. Consolidated #7 Co. Macoupin

Index No.

Q.—COAL SECTION SHEET.

8/12/40

2421 A3

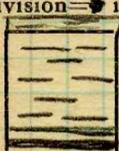
County No. 259

By J.N.P.



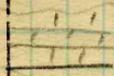
Symbol 6 Description Consol. #7 Inches

1 division = 1 in.



3"-4" Rotten bl. sh. or "clod"  
 18" Bl. sl.  
 1" Dk. gray druse slate  
 Thin pyrite band

Coal.  
 Coal.



6" Rtn.  
 bl. sh.

12<sup>th</sup> R. off Main S

11<sup>th</sup> R off M. S.  
~~to~~ near 8<sup>th</sup> left.



Collector. Spotts & Payne  
 Mine. Consol. #7 Co. Mac. & Cousin

Coal: Survey No. 6  
 Index No.

Q.—COAL SECTION SHEET. County No. 259 2421 A3

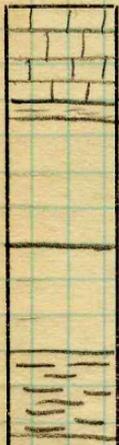


Consol. #7

Description

Inches

Symbol  
1 division=3 in.]



- 3" Cap rock.
- "dod" - gray,
- 21" Soapstone, gray, lining streaks
- 18" Soapstone, gray
- 14" bl. soapstone, slyped, fractured.

} Slips very prevalent.

End of 3<sup>rd</sup> R off 8<sup>th</sup> L off  
11<sup>th</sup> R. off Main S  
Photo 4-8

7' Coal.

In Room 9 off 3<sup>rd</sup> R off 8<sup>th</sup> L  
off 11<sup>th</sup> R off Main S  
bl. sl. is missing and 3' soapstone  
rest directly on coal. ~~This is~~  
~~not "white top."~~

Collector, Spotti & Payne  
Mine, Consol. #7 Co. Maccoapin  
Q.—COAL SECTION SHEET.

Coal: Survey No. 6  
Index No.

County No. 259 2421A3



Description

Consol. #7

Inches

Symbol

1 division=3 in.]

3<sup>rd</sup> + 4<sup>th</sup> R. off 8<sup>th</sup> L  
off 11<sup>th</sup> R off Main  
S.

Varying thickness of sandstone  
over bl. slate. Bl. sl. is very  
much "slipped" and fractured -  
becoming impossible to hold in  
the 3<sup>rd</sup> R. Also, in this area, top  
14" of coal is severely fractured.  
Lo. hor. cross-cut with  
clay veins, cutting across bedding

The bl. sl. in this mine was  
severely fractured, "slipped" and treacherous  
~~that~~ effective timbering was essential.

Collector, Spotts and Payne  
Mine. Consol. #7 Co. Macoupin

Coal: Survey No.  
Index No.

6

Q.-COAL SECTION SHEET.

County No. 259 2421A3

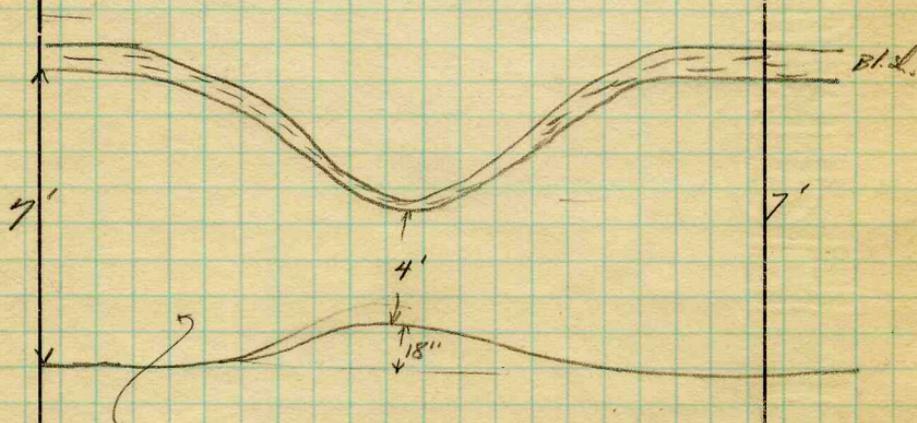

 Symbol 6  
 1 division = 1/8 in.

Description

Consol. #7

Inches

Room 10 off 4<sup>th</sup> R.  
 Beneath a normal's knot, according  
 to Mr. Haller, the floor comes up  
 towards the lower extremity of the  
 knob.



Coal between the 2 rolls is  
 very highly "dipped," and had caliche  
 facings.

 Collector, Spatti & Payne  
 Mine, Consol. #7 Co. Macoupin  
 Q.—COAL SECTION SHEET.

 Coal: Survey No.  
 Index No.

6

County # 259

2921A3



Symbol Description *Consol. #7* Inches

1 division=3 in.]



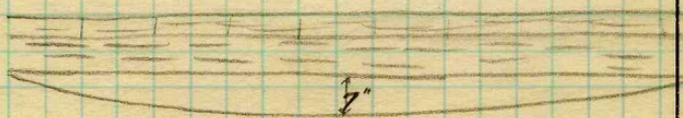
*Cap-rock.*  
 3" *clod*  
 6" *Bl. sl.*  
 7" *white-top. - med graph.*

*One pronounced slip at E end of exposure.*

*7' Coal*

*Room 10 off 11<sup>th</sup> R.*

*Photo 4-9*



*3" *clod*  
 6" *bl. sl.*  
 0-7" *wh. top.*  
*Coal**

Collector. *Spotti and Payne*  
 Mine. *Consol. #7* Co. *Macoupin*  
 Q.—COAL SECTION SHEET.

Coal: Survey No.  
 Index No.

**6**

*County #259*

*2421A3*



Description

Consol. #7

Inches

Symbol

1 division=3 in.]

For 1200' along 6<sup>th</sup> R

off 11<sup>th</sup> R off Main S.  
Ls was level and smooth.

As ~~you~~ thickness of soapstone increased the ls roof became more irregular and rocky. In this particular vicinity the bl. sl. also thickened with the soapstone

In 5<sup>th</sup> & 6<sup>th</sup> Rooms off 6<sup>th</sup> R  
off 11<sup>th</sup> R off Main S.  
the roof was of good, hard bl. slate.

Collector. Spotti &amp; Payne

Coal: Survey No.

6

Mine. Consol. #7 Co. Macoupin

Index No.

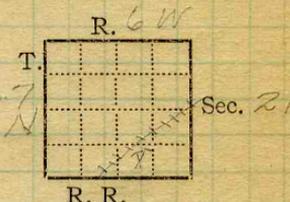
Q.—COAL SECTION SHEET.

County #259

2421 A3



Mine Name or No., *No. 7*  
*2* mile *N.E* from *Stanton*  
 Operator, 191*21 Consolidated Coal Co. of St. L.*  
 Operator, 191



Entrance, *shaft* Elev., *651.44* ft. { above, *sea level*  
 Depth to *bottom* coal, *350* ft. Alt. *301.44*

SURFACE DATA.

- A. Topography, *Rolling* See
- B. Surficial materials. (1) Character, *Till*
- (2) Thickness, *No information* (3) Effect on mining and shaft-sinking, of former drainage lines, underground water strata, etc. *No information*.

- 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,

See

Coal bed name: Local, Survey No. *6*   
 Collector, *Natzeband*  
 Mine, *Consolidated #7* Co. *Macoupin* Index No. *2421.57*  
 L.—SURFACE SHEET (Geol.) *county #259* **A3**







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

- (a) Relative hardness, *Same as coal in Bellerose district.*  
*(dull more prominent, better)*
- (b) Lustre, *Upper 2' bright, rest bright & dull layers 1/2-1/4*
- (c) Fracture, *Decidely blocky N68E, S35E*
- (d) Texture, *Laminated.* See

## (6) Impurities in coal, other than bedded,

- (a) Kind, *Pyrite lenses 1/16-1/8" calcite or gypsum stringers*
- (b) Position and persistence, *Thruout bed laterally, above the blue band*
- (c) Rejected, *Lenses over 1/2"* Ease of separation, See

L. Floor: (1) Material, *Floor clay Ls. beneath.*

- (2) Thickness, *6"-12"*
- (3) Variation,

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

*Light to medium grey clay, with many slickensides, black fragments of plant remains; no known tendency to heave; used to undercut upon; value unknown*

## (5) Clay sample No.

Location, See

## M. Stratigraphy,

(1) Fossiliferous horizons underground, *Limestone approx.*

*Ferns at contact of shale & ls.*

Collection No.

Location,

## N. Notes on effect of deep drilling in coal mine areas.

See

Collector, *Netzeband*Coal: Survey No. 6 Mine, *Consolidated #7* Co. *Macoupin*Index No. *2421-61*

N.—UNDERGROUND SHEET (Geol.)

*county No. 259*

A3



INDEX

(36713-500-7-20)

K3

Slip in Main E & Back E. In Back E coal drops about two feet but bottom drops into it. Slip trends N.E.

Another small slip in Main N. Trends N.W. Coal drops 18" but is full thickness. None of the slips cut out the coal.

Collector *Netzaband*Index No. *2421.67 A3*X- / County No. *259* EXTRA NO. /County *Macoupin*



Symbol Description Inches

Aug. 15, 1921

	Face of Main E.	
	Limestone	
	Shale	2" App
1	Coal Bright, Calcite stringers	14 3/4
2	Bony	1/2
3	Coal	6 1/4
4	pyrite band	1 1/4
5	Coal	13 1/2
6	pyrite lens	3 1/4
7	Coal	8 1/2
8	Charcoal lens	1/2
9	coal	12 1/2
10	charcoal parting	1/2
11	coal	13
12	Gray shale B.B.	3/4
13	coal	6
14	clay mixture	3/4
15	coal	4 1/2

Total 84 3/4

12 73  
 9 148  
 5 25

Condition - damp Fresh  
 Time 5 hrs 28 min  
 Weight 37  
 Excluded 6, 10, 14

84 9/16

(Scale: 1 division = 3 inches).

Sample No. N-21-119 Can No. 5919 Lab. No. 81016  
 Collector, Netzeband Coal: Survey No. 6   
 Mine, Consolidated Co. Macoupin Index No. 2421-67  
 Q.—COAL SECTION SHEET. County No. 259 A3



Symbol Description Inches

[Empty vertical box for symbol entry]

Aug. 15, 1921

Face of 2nd Stub off Main S.

- Limestone
- Dark grey shale App. 36"
- 1 Coal
- 2 Charcoal
- 3 Coal
- 4 charcoal
- 5 Coal
- 6 Pyrite lens
- 7 Coal
- 8 pyrite lens
- 9 Coal
- 10 Gray shale + Pyrite BB
- 11 Coal

- 3 1/2"
- 12 1/2"
- 1/4"
- 1 1/2"
- 1/2"
- 17 1/4"
- 3 1/2"
- 5 1/2"
- 1 1/2"
- 12 1/2"

Tap 8 1/4"

13 40  
 0:50  
 4 5

Condition - Damp, fresh.  
 Time - 4 hrs 5 mins.  
 Weight 33#  
 Excluded 6, 8, 10

8 4 5/8"

(Scale: 1 division = 3 inches).

Sample No. N-21-120 Can No. 984 Lab. No. 81017  
 Collector, Metzgerband Coal: Survey No. 6  
 Mine, Consolidated #7 Co. Macoupin Index No. 2421-67  
 Q.—COAL SECTION SHEET. County No. 259 A3



Symbol Description Inches

Aug. 15 1921

Face of 10<sup>th</sup> Stub off 7<sup>th</sup> Left N

Limestone

Dark gray shale App. 24"

- 1 Coal
- 2 Clay
- 3 Coal
- 4 pyrite
- 5 Coal
- 6 gray shale BR
- 7 Coal

- 36 1/4
- 1/4
- 4
- 1/8
- 3 2/34
- 12

8 Coal

9 Coal

10 Coal

Tape 85 1/2

1385  
11.30

Condition dry, Roof sweating

Time 2 hrs 55 mins

Weight 41

Excluded 6

85 3/8

(Scale: 1 division = 3 inches).

Sample No. N-21-121 Can No. 18125 Lab. No. 81018  
 Collector, Hatzaband Coal: Survey No. 6  
 Mine, Consolidated #7 Co. Macoupin Index No. 24 21-67  
 Q.—COAL SECTION SHEET. County No. 259 A3

Consolidated #7 Mine - Staunton, Ill

dated 24 Jan. 1947 to study a new method of supporting rocks by bolts.

Notes by Rolf W. Roley

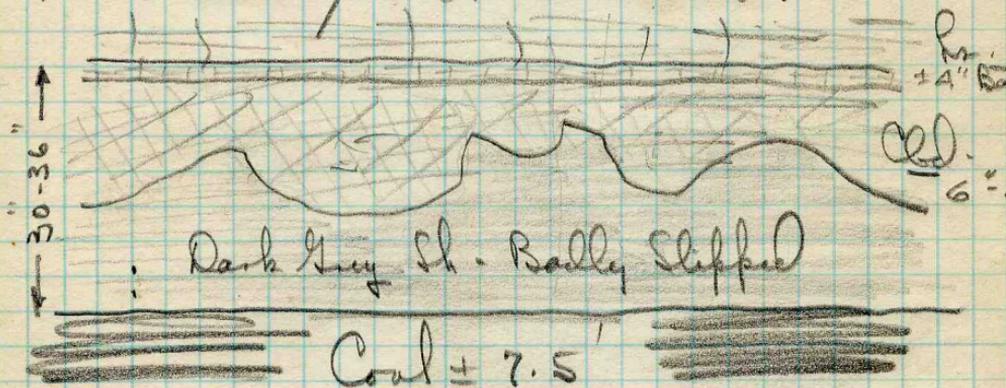
Results as seen at the mine demonstrated that the method has excellent possibilities. The area selected for experiment was a regular operating territory in which all methods of roof support had failed. Even when support was gained for 1 or 2 cuts, as soon as a x-cut was opened, the entire bridge of supported material would start to check down the  $\frac{1}{2}$  of the place and would soon require removal for the sake of safety.

Attempts had been made to narrow down for support and when even that failed, a room that had been driven in about 60' was selected for the 1<sup>st</sup> trial with bolts. When this room was turned off the entry it had not been supported successfully but about

Macoupin County

Sect. 21 7N-6W

30' inside the rib, support and be secured  
and the face of this bridge which is  
still standing is about as below:



This section as shown above can be seen to  
be extremely difficult to control and illustrates  
the type of roof typical to the territory, locally  
the thickness of the ls varies between 0'  $\pm$  7'  
with "clod" usually present.

When it was decided to try the hauger  
method of support the place had been advanced  
another 30' since catching the slate. 4 major  
transverse slips had been encountered  
requiring the setting of 21 x-bars with legs.  
When the bolt<sup>works</sup> was started the timber was  
already failing and a "chuck-crack" had



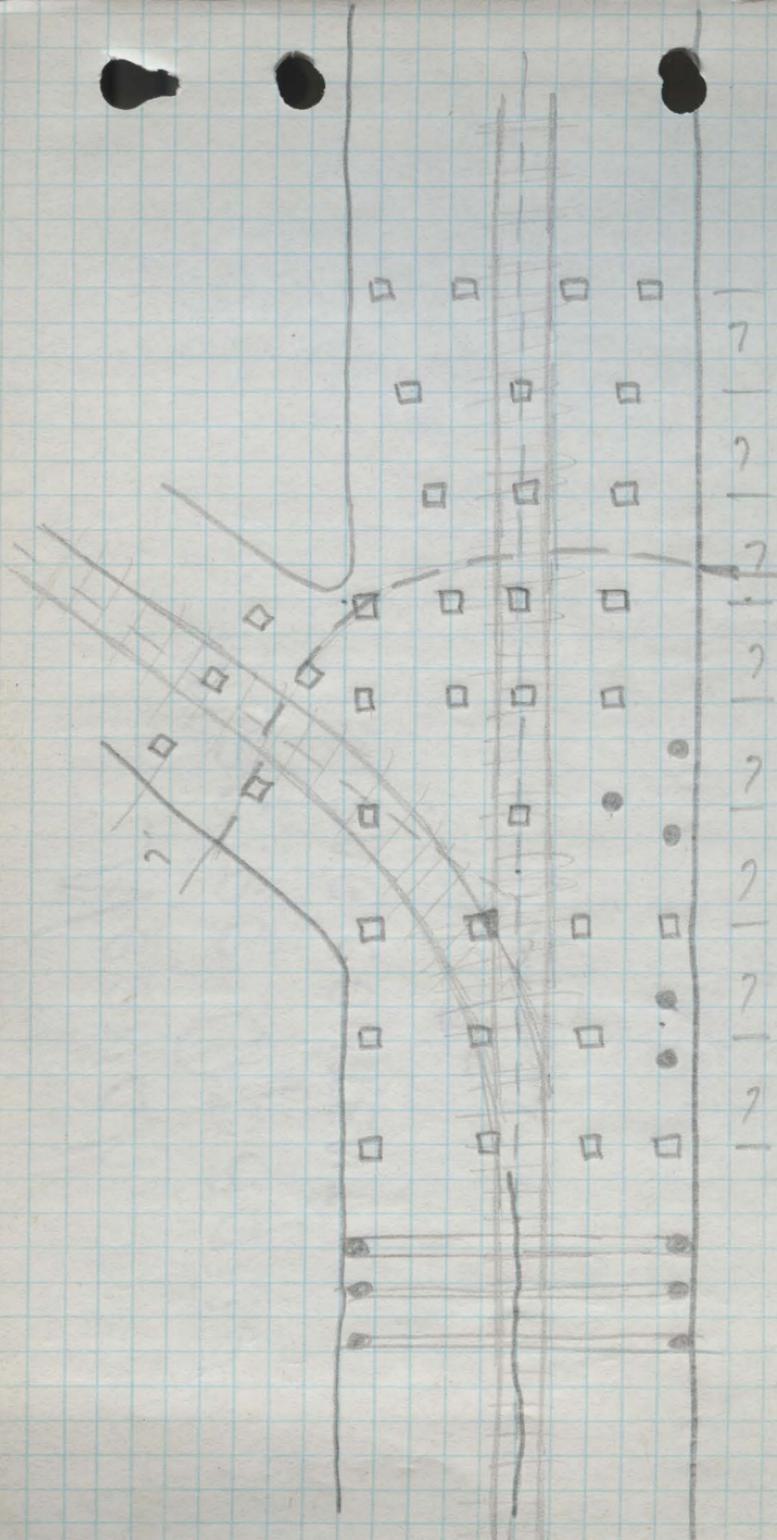
draped, running almost in the center of the place and extending the full length of the supported slats. Failure by bending of the bars was eminent and as a last resort the bolts were staked.

The 1<sup>st</sup> bolt was set at the face where the "chuck-crack" was working (a matter of 12" to 18" from the face). This stopped the crack and it has not extended itself any since the bolts were placed.

Since starting the face has been driven about 20' without any failures. 7 major slips have been encountered and 1 x-cut turned and driven about 30'. All this work has been done without any loss of top. General detail of the rooms and x-cut is shown on the next page.

THIS IS ONE OF THE EARLIEST  
EXPERIMENTS WITH ROOF BOLTING IN  
ILLINOIS. JANUARY 1947.

G. J. NELSON.



Cut as  
double line

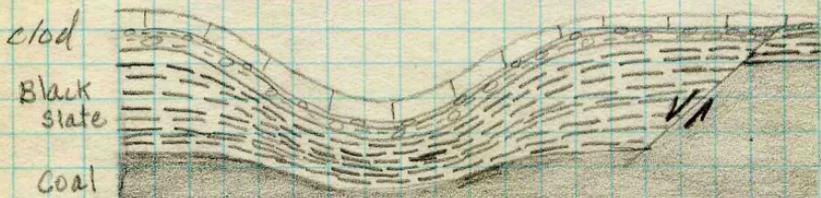


Visited this mine with Mr. Heller of Consolidated Coal Co. and A.E. Spotti

Blue band, occurs 12 to 15 inches above the base and a higher clay band is frequently found 33" from the top of the coal.

In the 11<sup>th</sup> right off main south 30' to 37" of black slate overlie the coal. Here and over the mine in general there is a lower bench of the caprock 3" to 12" thick which is separated from the main body of the caprock by a thin clay shale parting. This parting weakens on exposure to air and allows the lower bench of limestone to become loose and fall.

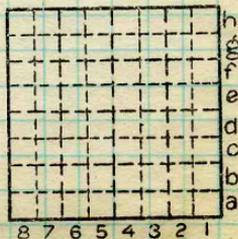
A slip in the coal at the side of a limestone "boss" was noted at this location see diagram below; note squeezing of black slate under boss.



Date 8/12/40 T. .... R. ....

Quad. Consolidated No. 7 Part. ....

County Macoupin Index No. 2421A3





In 12<sup>th</sup> right off Main South there is a persistent layer of pyrite at the top of the coal. Between this pyrite layer and the black slate is a 1 inch layer of dark gray shale called "draw slate" by Mr. Haller. This shale usually comes with the shots. The black slate generally averages about 18" in thickness. Between the black slate (possibly part of the black slate) and the clod is a 4" layer of black shale which slacks easily and "runs" frequently causing the black slate to loosen and fall. This is similar to the rotten black shale noted in the Mt. Olive Coal Company's "Hoosier" Mine.

In main 11<sup>th</sup> right off Main South a dark gray fossiliferous calcareous shale lenses into the section. This may be an expansion of the "clod" as the typical "clod" was missing or it may be a different unit. The dimensions of the lense are given below, but only half the length of the lense is shown.

Limestone

Dark Gray Shale

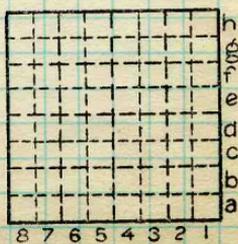
Coal



Date 8/12/40 T. R.

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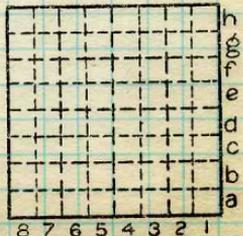
In the 3rd right off 8th Left off 11th R off Main south section shows gray shale above the black slate. This shale is similar in characteristics to the gray shale that occurs under the ~~black slate~~ <sup>black slate</sup>. The section measured was as follows:-

- 6. limestone caprock —
- 5. "clod" 3"
- 4. shale, gry, smooth, highly slip-fractured, containing calcareous streaks 21"
- 3. shale as above, but no calcareous streaks 18"
- 2. shale, bk, sheety, highly slip-fractured 14"
- 1. Coal 84"

In room 9 off the 3rd right the black slate is missing and 3 feet of gray shale rests directly on the coal. In this room also was a limestone knob which was highly fractured and contained numerous clay veins.

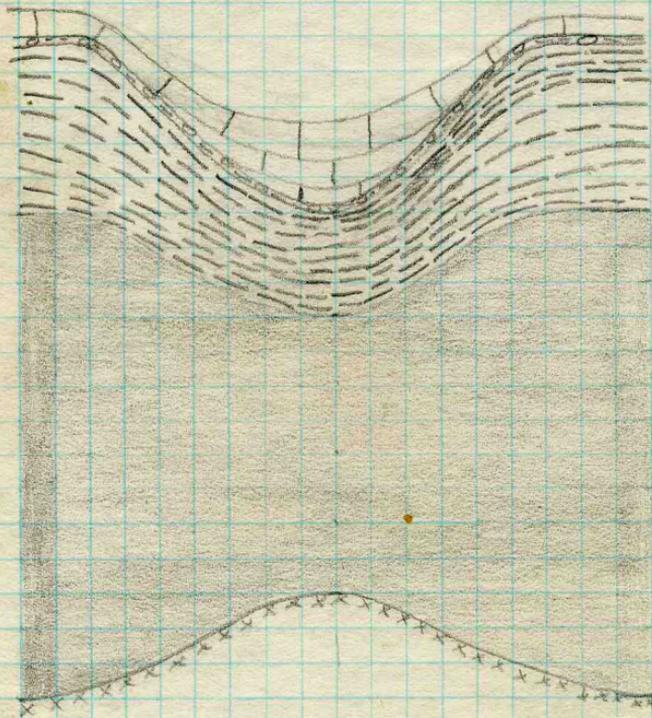
At the end of the 3rd right the roof cannot be supported due to the great thickness and extreme fracturing of the gray shale in the roof, so that this entry has been abandoned. The top 14 inches or so of the coal in this area is severely fractured and filled with small clay veins.

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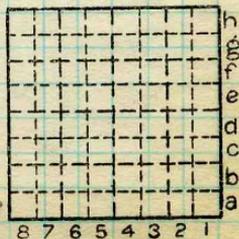
In room 10 off 4<sup>th</sup> right beneath a limestone "roll" the floor rises and the fresh water limestone is nearer the surface of the underlay according to Mr. Haller. As far as could be observed at the time of our visit this was true as the floor rose beneath the roll and the coal was considerably thinner. The depth to the fresh water limestone could not be ascertained. Following is a diagram showing the conditions based on observations and information obtained from Mr. Haller. Mr. Haller also stated that this condition was observed in several other rooms off this entry.



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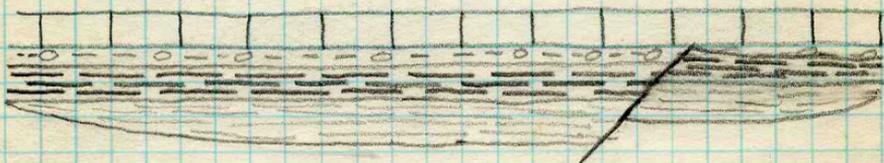
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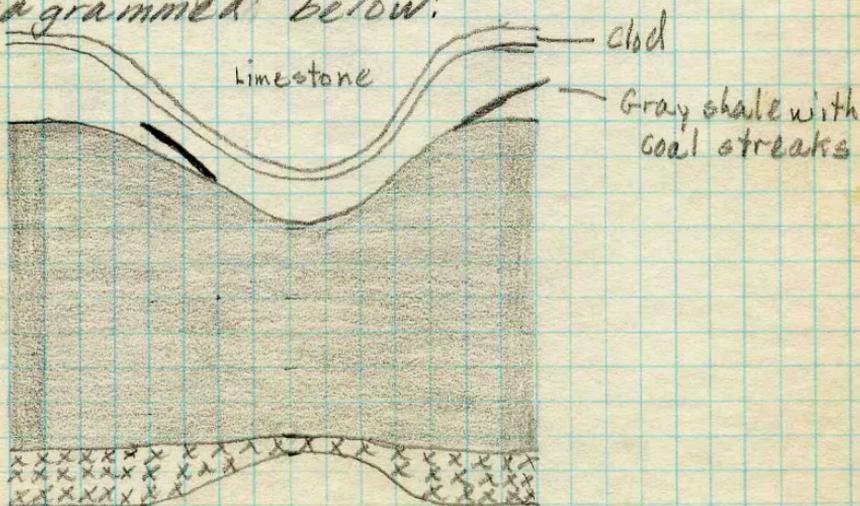


Lense of "white top" exposed in this entry with small fault.

Clod



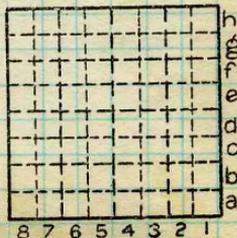
In Room 12 off 8th left off 11th R is another roll downward in roof with corresponding 4' roll in the freshwater ls. diagrammed below:



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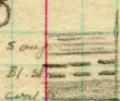


4-8

### Consol. #7

1) ✓ At end of 3<sup>rd</sup> Rt, 8<sup>th</sup> L,  
11<sup>th</sup> Rt., off Main S

4-8



Heavy scapstone impars. to hold  
Get picture showing <sup>separation of</sup>  
road to slip. Bl. sl. beneath scap  
& above coal (section)

ruined 2)

Near Room 29, 7<sup>th</sup> Lt. off 11<sup>th</sup>  
Rt. off Main S.

4-10

4-12

Slip showing reverse drag.

~~3) 6<sup>th</sup> Rt. off 11<sup>th</sup> Rt. off  
Main S.~~

~~4) Picture showing <sup>separation of</sup>  
with Bl. sl. and <sup>separation of</sup>  
ls. with gray sh.~~

Same  
stuff as  
4-8

4) In Room 9 off 3<sup>rd</sup> Rt off  
8<sup>th</sup> Lt. off 11<sup>th</sup> Rt. off Main S.

Bl. slate missing and 3' of  
scapstone rests directly on  
the coal.

4-9 5) Room 10 off 4<sup>th</sup> Rt

Small slip Lenticular body of med. gray  
sh. (white top)

6) Along 6<sup>th</sup> R, off 11<sup>th</sup> R off  
Main S.

~~4-10~~

4-11

Smooth ls caprock with  
bl. sl.

7) Bumpy ls with gray sh.





## Consolidated Coal Co. #7.

Cap Rock : ls.

- 1) Thickness, 3' - 35'
- 2) Ht. above coal, 6" - 3'

Immediate roof : dark gray sh.

- 1) Thickness, 6" - 3'

Slip in Main E & Back E. In Back E coal drops about 2' but bottom drops with it. Slip trends NE.

Another small slip in Main N. Trends NW. Coal drops 18" but is full thickness. None of the slips cut out the coal.

Netzeband.