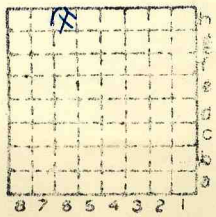
Mount. Olive CC, "Hoosier"

Mi. #282

255
S-4



Sec. 1

T. 4 N. S.

R. 6 E. W.

Index No.

MOORE'S MODERN METHODS

Mine originally operated by: (1) Consolidated Coal Co. Mt. Olive.

Date 1888

Original name or number:

Illinois Coal Report p.

LATER OPERATORS

	Date	Operator	Name or No.
2	1891	Mt. Olive Coal Co.	
3	1895	Madison Coal Co.	#5
4	1915	Mt. Olive Coal Co.	#5
5	1921	Madison Coal Co.	#5
6	1934	Mt. Olive Coal Co.	
7			
8			
9			
10			
11			
12			
13			
14			

* Also owners #See ownership sheet

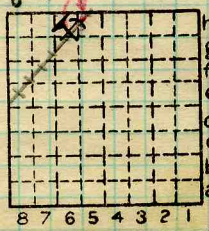
Railroad, Wagon, Idle, Abandoned Shaft 1941

IDENTIFICATION

County No. 255 Coal No. 6

Quad. Mt. Olive Part 4

County Macoupin



Sec. 1 7

T. N. S.

R. E. 6 W.

Index No. 2401 116

COAL MINE OPERATOR

(3106-21531) 3c

(Sheets) COAL PRODUCTION (Sheet)

NO.	Period Mo.	Day	Year	Mo.	Day	Year	Tons	
			1930			1931	106	228
			1933			1934	18	450
			1934			1935	100	009
			Daily Cap. - 1926				1	500
						1927	173	339
4	1	1	1936	12	31	1936	128	162
4	1	1	1937	12	31	1937	138	182
S-4	1	1	1938	12	31	1938	108	380
						1939	99	439
						1940	104	342

#4

SUMMARIES

No.	to	No.		
1882		1930	11	952 479

Railroad, Wagon, Idle, Abandoned 1941

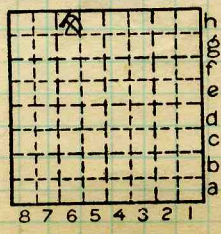
IDENTIFICATION

County No. 255 Coal No. 6

Mt. Olive

Quad. 201 Part 4

County Macoupin



Sec. 1

T. 7 N. S.

R. 6 E. W.

Index No. 2401 H6

COAL MINE—PRODUCTION

(34217—1M—3-30)

John C. Moore Corporation, Rochester, N. Y. Binder and holes in leaves, each Patented 1906. 364228

MOORE'S MODERN METHODS

LOCATION AND ELEVATION

Location: side R. R.

side R. R.

side Highway No.

on top. map Location sheet Map Files #9-59-20

Elevation: Method, 1. Est. ( ) 681.8 ft.

2. Inst. (kind PT) ft.

By NB591 PSM p.51-382 Data sheet

DEPTH

Authority	To coal	420 ft.
Authority	Rail to rail	ft.
Top of coal above rail. (Est. Rule)		ft.
	To coal	417 ft.

ALTITUDE OF TOP OF COAL

By estimated data

By instrumental data 265 ft.

Thickness

Max. in. Min. in. Aver. 101 in. 96

GEOLOGICAL DATA

Mine notes, date 1912

Coop No. Pyr. inv. Coal Ash inv.

CHEMICAL DATA

#91,92,93 2819

Analyses Face	U. I.	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 1941

IDENTIFICATION

County No. 255

Mt. Olive

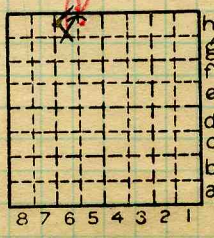
Quad. 201

County Macoupin

100' S 650' W NE cor NE NW

Coal No. 6

Part 4



Sec. 1

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R. 6 E. W.

Index No. 2401.45

COAL MINE LOCATION AND DATA

(34215—1M—3-30) 7

COAL MINE NOTES.

COUNTY Macoupin TOWN Mt. Olive MAP No. 2401

T. 7N R. 6W S. 1 NE¼ ? NW ?

OPERATOR Madison Coal Co

OFFICE At Louis, Mo

MINE # 5

TIPPLE Wooden

ENGINES

BOILERS

DRUM

SHAFT Wooden CAGE

HAULAGE Mules. Installing electric haulage

CARS Mules 1½ - 2 Ton

VENTILATION

DRAINAGE

SPRINKLING

WORKING SYSTEM Room & pillar, double entry.

MINING METHODS Punchers

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

ACREAGE OF COAL REMAINING

PROPORTION OF MINE RUN AND SCREENED COAL

METHOD OF SIZING Shaker screens RESCREENED

SIZES

PER CENT

PROPORTION AND SIZE OF WASHED COAL

DAILY OUTPUT

UTILIZATION

MARKETS At Louis.

FREIGHT RATES

SELLING PRICES AT MINE

COAL LAND OWNED LEASED HELD IN FEE

COST OF LAND OWNED LEASED HELD IN FEE

ADDITIONAL NOTES Great NB. 7 P 13 County No. 255 2401 H6

COAL MINE NOTES.
CONTINUED.

OPERATOR Madison Coal Co MINE # 5 2401

ENTRANCE Shaft NAME OF COAL BED 6

ELEVATION 680 Rolfe THICKNESS OF COAL

checked with Base Map.

DEPTH TO FLOOR 425 MAX. MIN. AV. 99

ALTITUDE OF COAL 255

LOCATION OF SECTION Face of entry 11 N off main W

No.	SECTION.	In.
1	Coal	31
2	Sulphur	1/2
3	coal	11
4	Sulphur	1/2
5	Coal	8
6	Sulphur	1/4
7	Coal	3
8	Sulphur	1/2
9	Coal	11 1/2
10	Blue band	1 1/2
11	Coal	17
12	F. C.	+
	Tape Total	85

SAMPLE No. 423

CAN No. 78

CONDITION dry

GROSS WEIGHT 35

TIME EXPOSED 1 hr

NOT SHIPPED 10

NOT INCLUDED 10, 8, 4.2

SECTION

PHYSICAL PROPERTIES BY NUMBERS

Blue Band varies to 2", shale and sulphur
Rock makes good roof but shale does not.
Fire often starts just above blue band. It is hard to close an entry on account of soft clay floor, and the cleat in the coal and slate.

ROOF Fs. 10'+ Sh 0'-6'

FLOOR F. C. 6'± soft, heaves.

DIP

FAULTS, ETC. Cleat evident N 9° W.

GAS Little gas.

2819

For additional notes. Grout #87. P13. Measurements of coal
COLLECTOR Jon Vedden REFERENCE DATE 12/18/09

Dept leaving as it came. Excerpted by machine
base :: data incomplete County M. 255 2401 H6

Mt Olive Coal Co -

Old Madison Coal Corp. mine

Visited with Joe. Firth, District Mine Inspector, and Norman Payne and Adler Spotti

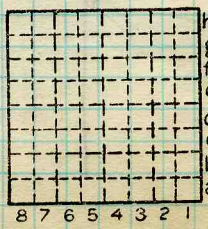
Only part of mine open was on the 3 and 4th E. entries off 16th South off main East in the southeast part of property.

In this area the roof conditions are in general quite regular The succession above the coal usually consist of about 18" of black shale

By G.H Cady Date Aug. 5/40

Quad. Mt Olive Part

County Macoupin



Sec.

T. N. S.

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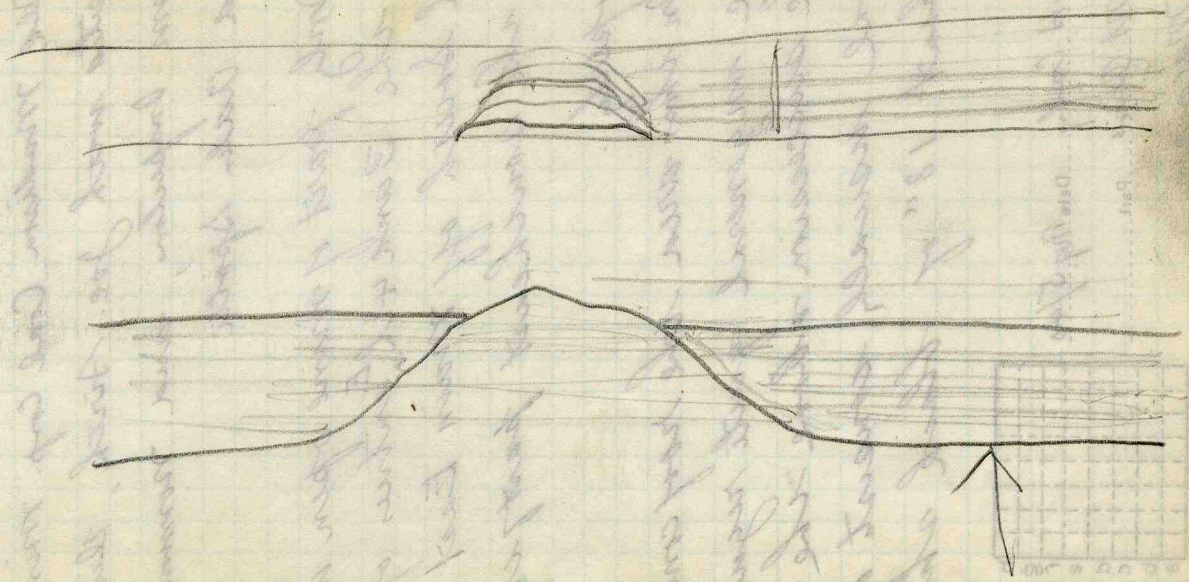
2401 H6



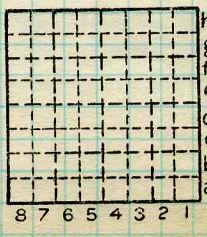
The lower 8 to 10" of the shale is sheety and tough and generally holds up very well. The upper 8 to 9" is more friable and crumbly and scales off if the lower shale comes down. - Between the coal and the bk shale there is generally a thin sheet of pyrite 1/32 to 1/2" thick that seems to be persistent and which is ~~poor~~ free from both roof bk st and from coal. - Hence coal in general breaks loose from the roof

Mt Olive Mine.

By G. H. Cady Date Aug 5/40

Quad. Mt Olive Part

County Macoupin



Sec.

T. N. S.

R. E. W.

Index No.

2401 Hb

Mt Olive Coal Co.

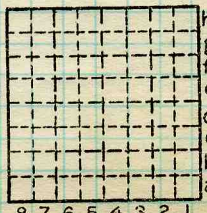
The main irregularities in the roof in this mine are due to the protruding bosses of the Ls. cap rock. The bosses which in general are continuous structurally with the cap rock locally extend completely through the black slate down into coal bed. I was told that some extend well down into the bed but the lowest one seen did not extend more than ~~two~~ about 6-8 inches into bed.

Around these bosses the black slate is much cracked

By Cady Date Aug 5 1940

Quad. Mt Olive Part

County Macoupin



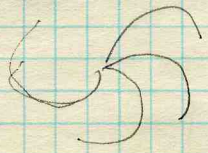
Sec.
T. N. S.
R. E. W.
Index No.

2401 H6

Mt Olive Coal Co 4

The cracks ~~were~~ marked the position of slickensided surfaces

Two sets of cracks seemed to be present. One set less destroyed appeared to be radial, and the other circular or tangential It was not clear that one set merged into the other

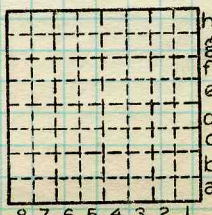


altho Mr Forth seemed to think they did. Some the radial cracks seemed straight

By Cady Date Aug 5/40

Quad. Mt Olive Part

County Macoupin



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R. E. W.
Index No.

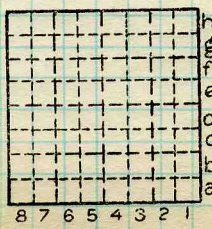
2401 H6

Around these bosses roof conditions are somewhat precarious particular where an entry crosses under the outer margin / ch disturbed are where the tangential cracks may run approximately with the entry. The shale then for a short distance may appear jointed approximately parallel with the entry. The joint & block then become somewhat hard to hold. Such conditions are the exception. In general roof conditions in the mine would be described as excellent

By Caely Date Aug 5/40

Quad. Mt Olive Part

County



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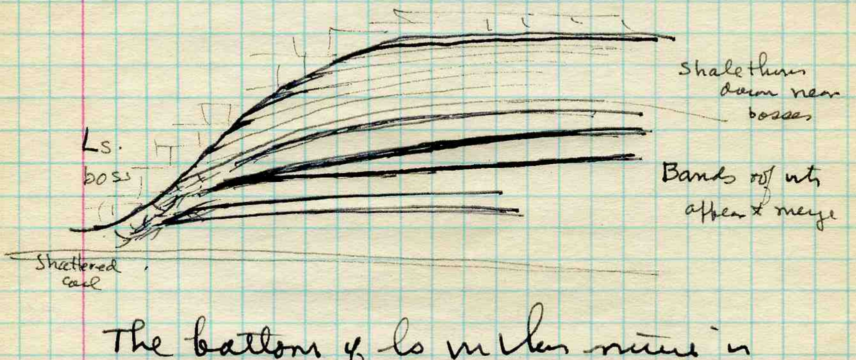
2401 H6

where one boss extended below the top of the coal bed a distinct wedging together of the vitrain bands was noted near the boss — within 6 inches of the boss the coal seemed to be all shattered and to lose its banded structure. Light was poor —



The bottom of Ls in these mines is quite smooth except for bosses. Not knobbly as in some mines. Ls 21' in shaft

By Cady Date Aug 5/40

Quad. Mt Olive Part

County Macoupin

h g f e d c b a
8 7 6 5 4 3 2 1

Sec.
T.
R.
N. S. E. W.
Index No.

2401 M6

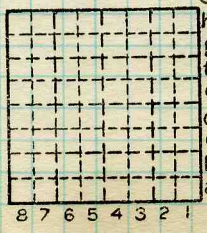
Mt Olive Coal Co 7

This mine has a ~~room~~ gob and pillar fire that has been burning since about 1900. Fire walls have been constructed for many years ~~and~~ but have gradually been shifted outward, until know the wall runs alongside the ~~Haul~~ Main East for a distance of several hundred feet - and at one place the coal pillar had become weaked and ~~sm~~ smoke was pouring from a hole that had been cut in the cheek. The fire wall nearly was almost too hot to touch - and the ~~roof~~ cap rock was crossed by cracks due to drying out

By G.I.Cady Date Aug 5

Quad. Mt Olive Part

County Macoupin



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T. N. S.
R. E. W.
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2401 H6

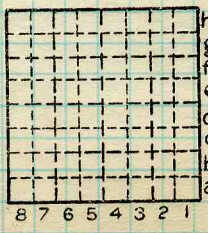
Mt Olive Coal Co

The smoke, heat, and sulphur in adjacent entry was almost unbearable - Mr Forth the inspector ordered the mine shut down. Doubtful whether it can ever be opened.

By Cady Date Aug 5

Quad. Mt Olive Part

County Macoupin



Sec.

T. N. S.

R. E. W.

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2401 H6

32 + 4 L E 1/16 S - of M. ain E

Sample #1 Room 19 3rd E

Sample #2. Room ~~21~~ " 4

Clod

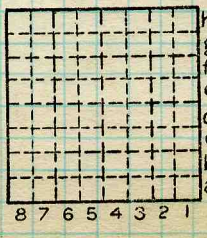
Sample #3 Room 30 4th E

Pyrite + Fusain

Sample #4 5 + 6 Room ~~4th~~ E

Sample of soft black

above bk st



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T. N. S.

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2401 H6

By ..... Date .....

Quad. ..... Part .....

County .....

MOORE'S MODERN METHODS

Mt. Olive Coal Co.
Mt. Olive, Ill.
Aug. 5, 1940

Fig. 1

Bl. sl. left as roof and holds fairly well. Sometimes upper ½ of Bl. sl. has a dry, rotten, crumbly texture, and when lower ½ falls this loose material runs out, leaving a cavity between lower Bl. S. and the cap rock.

Cap rock rolly in some places with large teats of the ls projecting down into coal (See Fig. 2). "Slips" occur along all of these projecting masses of Ls.

Immediate roof in this mine nearly 100 % Bl. sl. Only in places where Bl. Sl. has failed entirely does the cap rock show.

About midway in the coal seam is a persistent dirt band. An electric track-mounted coal cutter, with an 8½ Cutter bar, is now cutting the

8/5/40

coal in this band. This eliminates the dirty band, and leaves the coal in 2 benches for effective shooting.

Blue band is also present, about 15 - 20 inches above the fireclay.

COUNTY NO. 255

8/5/40 Cady, Payne, Spotti 2401 H6

Symbol	Description	Inches

[1 division=3 in.]

Cap-rock, Ls.

9½" Sh, rotten, bl.

10" Bl. sl.

Coal #6

3rd E off 16¼ S

Collector. Cady, Payne, Spotti

Mine. Mt. Olive Coal Co. Co. Macoupin

Q.—COAL SECTION SHEET.

8/5/40

Coal: Survey No. 6

Index No. 2401 H6

COUNTY NO. 255

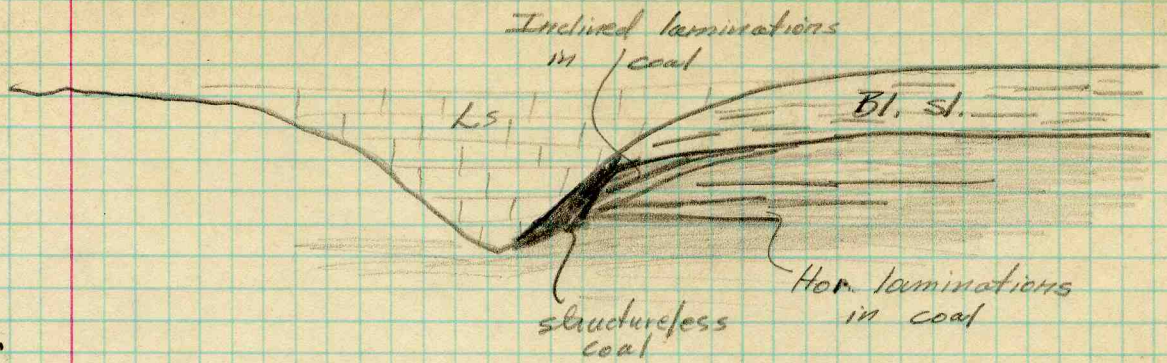
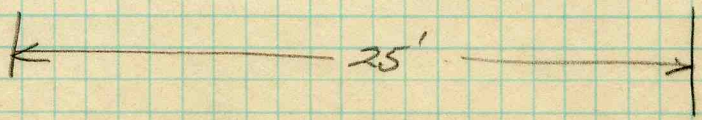


Fig. 2



3rd E. entry, ~~between #1 Room~~ at #1 Room off 16 S, off Main E.

Mt. Olive Coal Co. Mt. Olive
Aug. 6 1940

COUNTY NO. 255

Cady, Payne, Spotti

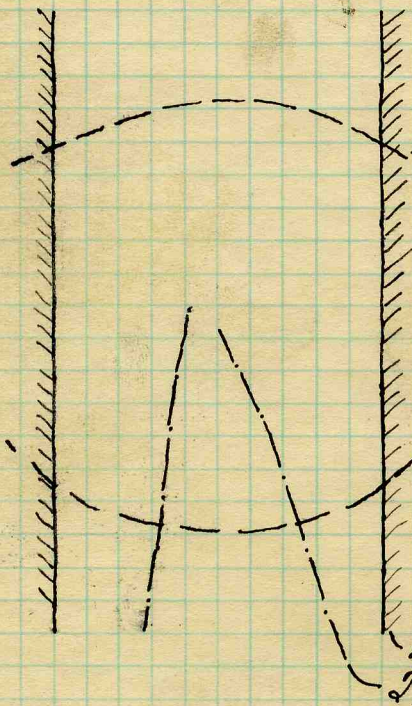
2401146

8/5/140

Symbol | Description | Inches

[1 division=3 in.]

In Room 21 of 3rd East off 16th S off Main E a well developed system around a limestone boss of slips was exposed, which seemed to me to have the following pattern - one



according to Mr. Joe Firth district Mine Inspector the radiating slips curve as they go outward giving a pin wheel or lunette pattern.

J. N. Payne

Collector. G. H. Cady, A. E. Spotti, J. N. Payne Coal: ~~Survey No.~~ 8/6/40

Mine. Hoosier Co. Mt. Olive Coal ~~Index No.~~

Q.—~~COAL SECTION SHEET~~.

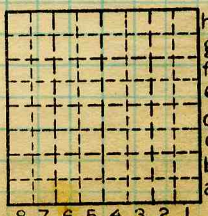
BE off 16 3 shattery sh
above bk slate between 5 & 6 cm
9½" rotten bk sh ~~Z~~ 4 sample
10" Blk sl

This rotten slate spalls off
from between lst bk sl &
leaves hollow often.

Date 8/6/40 T. R.

Quad. Hoosier Mine Part

County Index No.



Symbol | Description | Inches

[1 division=3 in.]

a thin band of pyrite was noted over the face of the 3rd E of the 165 N. of the Main East which was said by Mr. Ernest the Mine Manager to have been encountered persistently over the entire mine. This band is usually not greater than ½" thick and occurs between the top of the coal and the black "slate". This pyrite is not frozen to either the black "slate" or coal, consequently the top coal comes with shooting. The pyrite itself constitutes somewhat of a hazard as slabs of it sometime spall off and due to the sharp edges of the plates inflict painful cuts.

another peculiarity of the roof rock of this mine lies the difference in character of the upper and lower half of the black slate. The black slate is generally about 18" in thickness with the lower half typical sheety, tough, black shale. The upper half however does not have the toughness nor sheety character of the lower half, and upon short exposure to air it disintegrates and runs leaving a hollow between the limestone caprock and the lower black slate and frequently allowing the black slate to fall. In one section there were 9½ inches of the upper and 10 inches of the lower shale.

Sample #4

Collector. B. M. Payne Coal Survey No. 8/6/40

Mine. Hosier Co. Mt. Olive Index No.

Q.—~~COAL~~ SECTION SHEET.