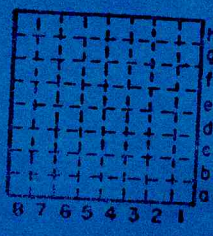
VIRDEN MINING CORP.
"North Mine"

Mine Index = 67357



Sec. 9
T. 12 N.
R. 6 W.
Index No.
0109 H3

Mine Index 67

MOORE'S MODERN METHODS

LOCATION AND ELEVATION

Location: West side C & A (GM&O) R. R.
East side Ill. Traction R. R.
side Highway No.

on top. map Location sheet

Elevation: Method, 1. Est. (T.M.) 665 ft.
2. Inst. (kind) ft.

By Data sheet

DEPTH

Authority Coal Report — To coal 320 ft.
Authority — Rail to rail ft.
Top of coal above rail. (Est. Rule) ft.
To coal ft.

ALTITUDE OF TOP OF COAL

By estimated data
By instrumental data 345 ft.

Thickness

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

GEOLOGICAL DATA

Mine notes, date 1912 1926 1953

Coop No. 12 Pyr. inv. Coal Ash inv.

CHEMICAL DATA

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:—

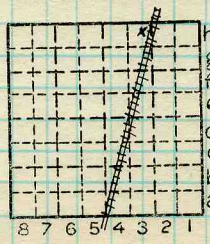
Railroad, Wagon, Idle, Abandoned 1960

IDENTIFICATION

County No. 242 Coal No. 6

Quad. Waverly 15' Part 1

County Macoupin



Sec. 9
T. 12 N.
R. 6 W.
Index No. 0109 H3

COAL MINE LOCATION AND DATA

Mine originally operated by: (1)

Date 1892 Chicago Virden Coal Co.

Original name or number:
Illinois Coal Report 1892 p.

LATER OPERATORS

	Date	Operator	Name or No.
2	1904	Illinois Collieries Co.	No. 1
3	1910	Glenridge Coal Co.	No. 1
4	1913	Montour Coal Co.	No. 402
5	1918	Pittsburg Coal Co.	No. 402
6	1920	Illinois Coal & Coke Corp.	No. 3
7	1922	Illinois Coal Corp.	No. 3 (Empire)
8	1932	Virden Coal Co.	
9	1937	Lincoln Liquidating Co., Inc.	
10	1939	Virden Mining Corp.	
11	1954	" " "	North
12	1955	" " "	No. 180
13	1960	Abandoned 7/60	
14			

*Also owners #See ownership sheet

Railroad, Wagon, Strip, Idle, Abandoned

IDENTIFICATION

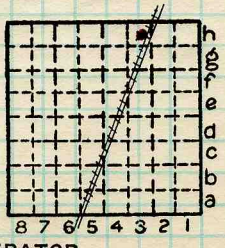
County No. 242

Coal Report No. S-10

Quad. Waverly 15'

County Macoupin

Coal No. 6



Sec. 9

T. 12 N.

R. 6 W.

Index. No. 0109 H3

COAL MINE OPERATOR

(92753—1M—6-54)

Mine Index 67

(4 Sheets) COAL PRODUCTION (Sheet 1)

Period Mo. Day Year	Mo. Day Year		Tons	
Chicago Virden C.C.	1893		1	769
	1894		82	409
	1895		289	307
	1896		348	333
	1897		302	210
	1898		177	623
	1899		101	422
	1900		210	393
	1901		313	228
	1902		256	442
	1903		364	543
	1904		348	388
Illinois Coll. Co.	1905		340	736
	1906		234	922
	1907		356	579
	1908		208	873
Idle	1909			
Glenridge C.C.	1910		50	965
	1911		159	549
	1912		212	096
Montour C.C.	1913		242	122
	1914		242	440
SUMMARIES				
No. 1893 to 1914 No.		4	844	349

Railroad, Wagon, Strip, Idle, Abandoned

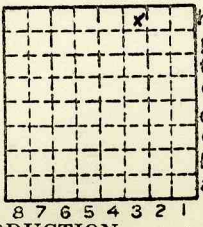
IDENTIFICATION

County No. 242 Coal No. 6

Coal Report No. S-10

Quad. Waverly 15'

County Macoupin



Sec. 9

T. 12 N.

R. 6 W.

Index No.

Mine Index 67 [illegible]

COAL MINE—PRODUCTION

0109 H3

ILLINOIS GEOLOGICAL SURVEY, URBANA

(2732—2M—7-41)

(4 Sheets) COAL PRODUCTION (Sheet 2)

Period Mo. Day Year	Mo. Day Year	Tons		
	1915		65	371
(Idle)	1916		--	---
	1917		126	917
Pittsburg C.C. #402	1918		211	633
	1919		178	076
Illinois Coal & Coke	1920		206	711
Corp. #3	1921		277	693
Illinois Coal Corp.	1922		265	450
	1923		318	324
	1924		447	396
(Idle)	1925		-	-
"	1926		-	-
"	1927		-	-
"	1928		-	-
"	1929		-	-
"	1930		-	-
"	1931		-	-
Virden Coal Co.	1932		12	118
	1933		44	352
	1934		48	565
	1935		61	051
	1936		62	643
SUMMARIES				
No. 1915 to 1936 No.		2	326	300

122,372

Railroad, Wagon, Strip, Idle, Abandoned

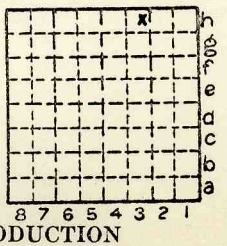
IDENTIFICATION

County No. 242 Coal No. 6 ☐

Coal Report No. S-10

Quad. Waverly 15'

County Macoupin



Sec. 9

T. 12 N.

R. 6 W.

Index No.

Mine Index 67

COAL MINE—PRODUCTION

ILLINOIS GEOLOGICAL SURVEY, URBANA

0109 H3

(2732—2M—7-41)

(4 Sheets) COAL PRODUCTION (Sheet 3)

Period Mo. Day Year	Period Mo. Day Year	Tons		
Virden C.C.	1937	80	279	
Lincoln Liquidating	"	2	283	
Co., Inc.	1938	103	360	
	1939	23	963	
Virden Mining Corp	"	128	~~257~~ 275	
	1940	148	368	
	1941	169	246	
	1942	168	449	
	1943	198	583	
	1944	179	713	
	1945	203	061	
	1946	189	413	
	1947	197	563	
	1948	176	684	
	1949	147	578	
	1950	207	496	
	1951	141	938	
	1952	135	323	
	1953	96	112	
	1954	77	260	
	1955	76	242	
	1956	87	285	
	1957	70	632	

SUMMARIES

No. 1937 to 1957 No.		3	009	088

Railroad, Wagon, Strip, Idle, Abandoned

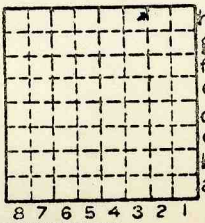
IDENTIFICATION

County No. 242 Coal No. 6

Coal Report No. S-10

Quad. Waverly 15'

County Macoupin



Sec. 9

T. 12 N.

R. 6 W.

Index No.

Mine Index 67 COAL MINE—PRODUCTION 0109 H3

ILLINOIS GEOLOGICAL SURVEY, URBANA

(2732—2M—7-41)

MOORE'S MODERN METHODS

(4 Sheets) COAL PRODUCTION (Sheet 4)

Period Mo. Day Year Mo. Day Year	Tons		
1958		61	649
1959		47	344
(Abandoned) 1960		–	–
Summary: 1958 to 1960		108	993

Summaries

1893 to 1914	4	844	349
1915 to 1936	2	326	300
1937 to 1957	3	009	088
1958 to 1960		108	993

SUMMARIES

No. 1893 to 1960 No. ~~10~~ 10 | ~~288~~ 027 | ~~730~~ 570

Railroad, Wagon, Strip, Idle, Abandoned

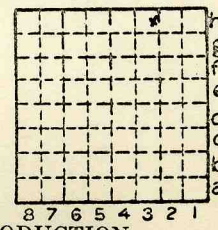
IDENTIFICATION

County No. 242 Coal No. 6

Coal Report No. S-10

Quad. Waverly 15'

County Macoupin



Sec. 9

T. 12 N.

R. 6 W.

Index No. 0109 H3

Mine Index 67

COAL MINE—PRODUCTION

ILLINOIS GEOLOGICAL SURVEY, URBANA

(2732—2M—7-41)

COAL MINE NOTES.

COUNTY Macoupin TOWN MAP No. 0407

T. 12N R. 6W S. 9 N.E.¼ 0109

OPERATOR Ill. Collieries Co. Lessee.

OFFICE Bedford Bank Bldg. Chicago.

MINE Glenridge Coal Co #1

TIPPLE

ENGINES Abandoned

BOILERS

DRUM

SHAFT CAGE

HAULAGE

CARS

VENTILATION

DRAINAGE

SPRINKLING

WORKING SYSTEM

MINING METHODS

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 RESCREENED

SIZES

PER CENT

PROPORTION AND SIZE OF WASHED COAL

DAILY OUTPUT USED IN COOP. REPT. 1912.

UTILIZATION

MARKETS

FREIGHT RATES

SELLING PRICES AT MINE

COAL LAND OWNED LEASED HELD IN FEE 0407

COST OF LAND OWNED LEASED HELD IN FEE 0109

ADDITIONAL NOTES #242

COAL MINE NOTES.
CONTINUED.

OPERATOR Ill. Col. Co. MINE *1 Glenridge Coal Co

ENTRANCE Shaft. NAME OF COAL BED 6 0109

ELEVATION 674 estimate Base Map. THICKNESS OF COAL

DEPTH TO FLOOR 327 MAX. MIN. AV. 84"

ALTITUDE OF COAL

LOCATION OF SECTION Room 30 on 18 South on east side of shaft.

No.	SECTION.	In.
1	Coal	8
2	Sulphur.	½
3	Coal	10
4	Sulphur	½
5	Coal	10
6	Black Jack	½
7	Coal	14
8	Sulphur	½
9	Coal	8
10	Blue Band	2
11	Coal	11
12	Mother of Coal Coal	18
	Tape Total	79

SAMPLE No.

CAN No.

CONDITION

GROSS WEIGHT

TIME EXPOSED

NOT SHIPPED

NOT INCLUDED

Lab No. 357

SECTION

Feet

8" ½"
10" ½"
10" ½"
14" "
8" ½"
11" 2'
18" 4"

PHYSICAL PROPERTIES BY NUMBERS

ROOF Over coal 2" to 4' black slate, above slate 2" clod. above clod Ls. from 1' to 4' thick

FLOOR Fire Clay. 1" to 12"

DIP

FAULTS, ETC.

GAS

COLLECTOR Moses REFERENCE N.B. 15 P28 DATE 0104

#242

UNDERGROUND DATA

F. Thickness of rock above bed worked,

(1) Important variations,

See

G. Note presence of strata having important effect on mining.

See

(1) Position,

(2) Character,

(3) Persistence,

(4) Other workable coal beds,

See

H. Cap rock, Limestone

(1) Thickness,

(2) Height above coal, 1'-6'

See

I. Immediate roof Leave 15"-18"Top coal

(1) Thickness, Bl 5 1 (2) Contact with coal, 1'-6'

(3) Horizontal variation, Replaced by limestone only in rolls See

J. Draw slate. (1) Thickness, (2) Contacts Sometimes blk. sl.-is thin & is drawn.

(3) Persistence Only in 2 or 3 places

K. Coal bed: Max. 8' Min. 4' Av. 8'- inches

(1) Benches, 3

(a) Position, Top 15"-18" Blue band. 18"-24" from bottom

(b) Persistence, Throughout See

(2) Bedded impurities, kind, position in benches, persistence, ease of separation.

See X

(3) Irregularities in continuity of bed (due to deposition, erosion, or movement) Rolls on W. side

See

(a) Effect on mining, Abandoned

See

SECTION				
Ft.	In.	Name	Index	Sym.
		whenever possible		

Collector, F. H. Kay Coal, ☐ State No. 0109

Mine, North Co. Macoupin Co-op. No. 67

M.—UNDERGROUND SHEET (Geol.) 8242

UNDERGROUND DATA (cont'd.)

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

(a) Relative hardness, Bottom hardest

(b) Lustre,

(c) Fracture,

(d) Texture, See

(6) Impurities in coal. other than bedded,

(a) Kind, Facing

(b) Position and persistence, Throughout

Gyp & Cal os.

(c) Rejected, No Ease of separation,

See

L. Floor: (1) Material Clay

(2) Thickness 3"-24"

(3) Variation In thin places, mixed with rock & sulp.

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

Undercut coal
Floor heaves some
Too thin & irregular to be of value

See

(5) Clay sample No. Location,

M. Stratigraphy

(1) Fossiliferous horizons underground,

Collection No. Location,

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

N 40 W. Cleat

No attention
Shoots better going east

See

Collector, Coal State No. 0109

Mine, North Co. Co-op. No. 67

N.—UNDERGROUND SHEET (Geol.) #242

1 Il Collieries Co.
Virden North Mine

Depth to bottom 320 ?

Topog. - Level

Surface Materials

Drill records etc.
See Springfield office

Old mine

No. 67

Room 18.
5th R. off 15S.

15"	Top coal clean. One small sulph. band - not regular. Sometimes parts at this. Knife band - "steel band". Regular parting of top.
11"	Fairly clean bright coal with one band of mother coal.
1"	Dirt band regular. Drift band.
9"	Clean coal.
1"	Drift band regular.
	All above is dirty coal. Many irregular sulphurs.
14 1/2"	Clean bright coal.
1/8"	Sulphur band (steel.
8"	Clean coal bright.
3/4"	Blue band, shale and sulphur upto 2 or 3 inches.
29"	Cleaner, brighter coal. Some places black jack comes in.

Virden No. 67

0109

#242

MOORE'S MODERN METHODS

UNDERGROUND DATA

F. Thickness of rock above bed worked,

(1) Important variations,

See

G. Note presence of strata having important effect on mining.

See

(1) Position,

(2) Character,

(3) Persistence,

(4) Other workable coal beds,

See

H. Cap rock, Lmst.

(1) Thickness,

(2) Height above coal, 1'-6"

See

I. Immediate roof Leave 15"-18" Top coal whenever possible.

(1) Thickness, Blk sl. 1'-6' (2) Contact with coal,

(3) Horizontal variation, Replaced by Lmst only in rolls.

See

J. Draw slate. (1) Thickness, (2) Contacts Sometimes blk. sl. is thin & is drawn.

(3) Persistence Only in 2 or 3 places.

K. Coal bed: Max. 8' Min. 4' Av. 8'- inches

(1) Benches, 3

(a) Position, Top 15"-18" Blue band 18"-24" from bottom.

(b) Persistence, Throughout

See

(2) Bedded impurities, kind, position in benches, persistence, ease of separation.

See X

(3) Irregularities in continuity of bed (due to deposition, erosion, or movement).

Rolls on W. side

See

(a) Effect on mining,

Abandoned.

See

SECTION				
Ft.	In.	Name	Index	Sym.

Collector, Coal, State No.

Mine, North Co. Macoupin. Co-op. No. 67. 010

M.—UNDERGROUND SHEET (Geol.) #242

UNDERGROUND DATA (cont'd.)

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

(a) Relative hardness, Bottom hardest.

(b) Lustre,

(c) Fracture,

(d) Texture, See

(6) Impurities in coal, other than bedded,

(a) Kind, Fuemy.

(b) Position and persistence, Throughout.

Gyp + ~~Fe Sph Ca So4~~ $CaCO_3$.

(c) Rejected, No Ease of separation,

See

L. Floor: (1) Material Clay.

(2) Thickness 3" - 24"

(3) Variation In thin places, mixed with rock + salph.

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

Undercut coal.
Floor heaves some.
Too thin + irregular to be of value.

See

(5) Clay sample No. Location,

M. Stratigraphy

(1) Fossiliferous horizons underground,

Collection No. Location,

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

N 40 W Cleat.

No attention.
Shoots better going east

See

Collector, Coal ☐ State No. 010

Mine, North Co. Co-op. No. 67

N.—UNDERGROUND SHEET (Geol.) 242

Ill. Collieries Co.
Virden. North mine.

Depth ~~to bottom~~. 320 ?

Topog. — Level.

Surface materials.

U

Drill records etc.
See Springfield office.

Old mine.

#67 010

#242

MOORE'S MODERN METHODS

COAL MINING INVESTIGATION

Glenridge Coal Co. COOPERATIVE AGREEMENT

Operator, [redacted] Date, 7-15 191 2

Mine, North Mine Located — miles* — from† Virden

Location in mine, 1st West off 15th S. off Main E (Entry face)

Total (vertical) depth from surface at point of sampling, 336 ft. (Above Sea Level)

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 $\frac{3}{8}$ 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
1		Top Coal (approx)	1	3
2		(Top Coal Not Drawn)		
3				
4		Coal, Bright	2	0
5	X	Sulphur Streak		1/4
6		Coal Bright	2	1
7	X	Blue Band		1
8		Coal Bright	1	10
9	X	Sulphur Streak		1/2
10		Coal, Bright		6
11				
12			8	7 3/4
13				
14			7	
15		Output - 1400T		
16		Roof - Limestone over Slate		
17		Floor - Fire Clay		
		TOTAL,	6	6 3/4

Is coal wet or dry? Dry ✓

Time exposed, — hours, 45 minutes.

Weight, 40 gross, net.

What are the impurities, and how do they occur? Sulphur Streaks, Blue Bands

What are shipped? 4-6-8-10

What are excluded from the sample? 5-7-9

#5100 Coal bed, #6

*Direction (N., NE., etc.). †Nearest railway station.

Town, Virden ✓ Mine, North Mine Co. Glenridge Coal Co.

Sample No. 6 ✓ Can No. St. D 53 ✓ No. 6 ✓

I.—COAL SAMPLE SHEET. Sampler. McDonald - Helfer

Macoupin #242

0109

John C. Moore Corporation, Rochester, N. Y Binder and holes in leaves, each Patented 1906. 166509

MOORE'S MODERN METHODS

COAL MINING INVESTIGATION

Cooperative Agreement

Operator, ~~Royal Collieries Co.~~ Glenridge Coal Co. Date, 7-15 1912

Mine, North Mine Located — miles* — from† Virden

Location in mine, 3rd E. off 15th S. off Main E. (Entry face)

Total (vertical) depth from surface at point of sampling, 330 ft. (660' from S.)

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 $\frac{3}{8}$ 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
	1	Top Coal (approx)	1	3
	2	(Top Coal Not drawn)		
	3			
	4	Coal, Bright	2	2
X	5	Sulphur Streak		1/2
	6	Coal, Bright	~~4~~	9 1/2
	7	Mother Coal		3/4
	8	Coal, ~~Bright~~ Dull	1	1 3/4
X	9	Blue Band		3/4
	10	Coal, Dull		2
X	11	Sulphur Streak		1/2
	12	Coal, Dull	1	11 1/2
	13	88		16 1/2
	14			
	15	Roof - Limestone over Slate		
	16	Floor - Fire Clay		
	17	Output - 74 00T		
		TOTAL,	6	4 1/2

Is coal wet or dry? Dry

Time exposed, — hours, 40 minutes.

Weight, gross, net.

What are the impurities, and how do they occur? Sulphur Streaks Blue Bands

What are shipped? 4-6-7-8-10-12

What are excluded from the sample? 5-9-11 #1

Coal bed, 6

*Direction (N., NE., etc.). †Nearest railway station.

Town, Virden Mine, North Mine Co. ~~Royal~~ Glenridge Coal Co

Sample No. 673 Can No. St. D. 14 No. 67 0109

I.—COAL SAMPLE SHEET. Sampler. McDonald-Stafford

#5101 #242

COAL MINING INVESTIGATION

Cooperative Agreement

Glenridge Coal Co

Operator, ~~Royal Coal Co~~ Date, 7-15 1912

Mine, North Mine Located — miles* from† Virden

Location in mine, 16 S. off main E. (Entry face) 600 ft from Shaft

Total (vertical) depth from surface at point of sampling, 336 ft.

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 $\frac{3}{8}$ 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
	1	Top Coal (Approx)	1	3
	2	(Top Coal Not Drawn)		
	3			
	4	Coal, Bright	1	3
X	5	Blue Band		1½
	6	Coal, Bright		4½
X	7	Sulphur Streak		¼
	8	Coal, Bright	2	1
X	9	Sulphur Streak		¼
	10	Coal, Bright	2	3
	11			
	12			
	13	91	7	3
	14			
	15	Output, 1400 T.		
	16	Roof – Limestone over Slate		
	17	Floor – Fire Clay		
		Total,	6	1½

Is coal wet or dry? Dry

Time exposed, — hours, 35 minutes.

Weight, — gross, 36 net.

What are the impurities, and how do they occur? Sulphur Streaks Blue Bands

What are shipped? 4-6-8-10

What are excluded from the sample? 5-7-9 #1

Coal bed, 6

*Direction (N., NE., etc.). †Nearest railway station.

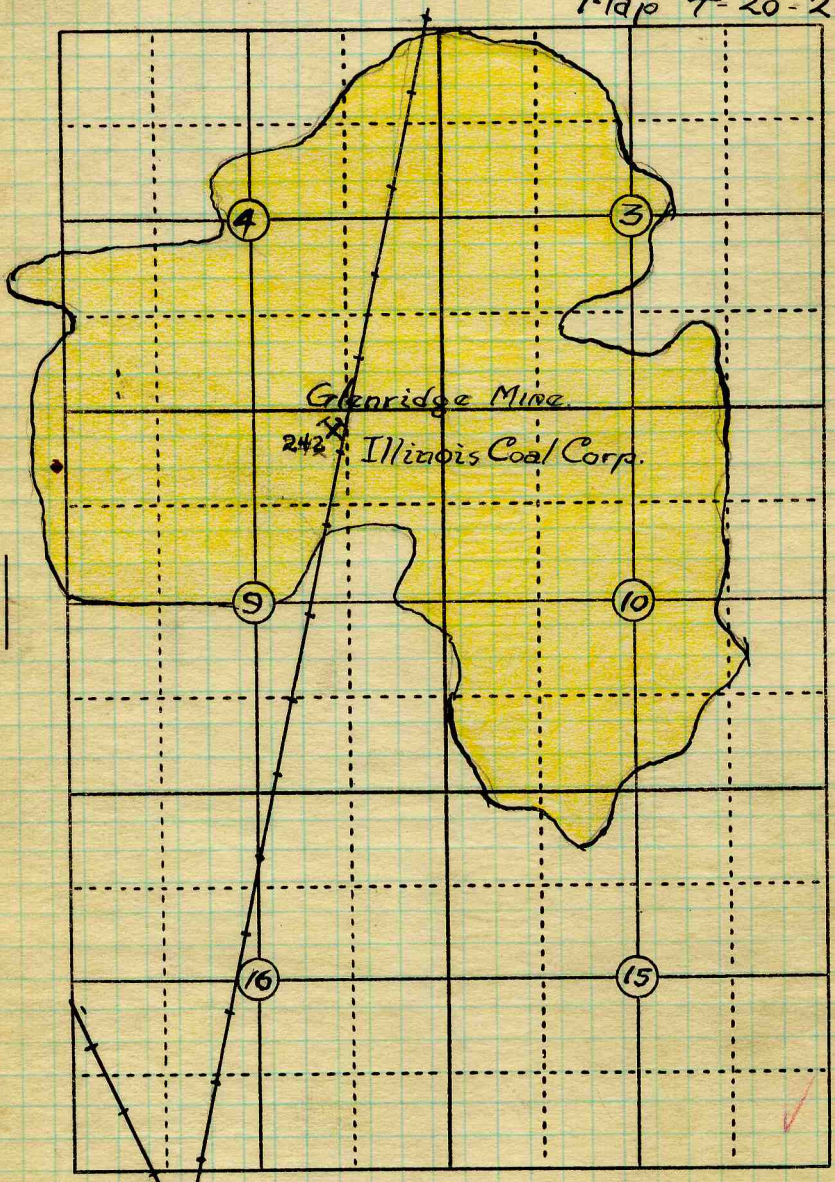
Town, Virden Co. ~~Mine~~, Glenridge Co. Mine, North Mine

Sample No. 617 Can No. 1st 37 No. 6 0109

I.—COAL SAMPLE SHEET. Sampler. McDonall-Stafford

#5102 #242

Map 4-20-26



T12N R6W.

Map

Date 4-20-'26 Operator Name or No.

Illinois Coal Corp.
→ Virden Coal Co

County Macoupin. #242 Index No. 010

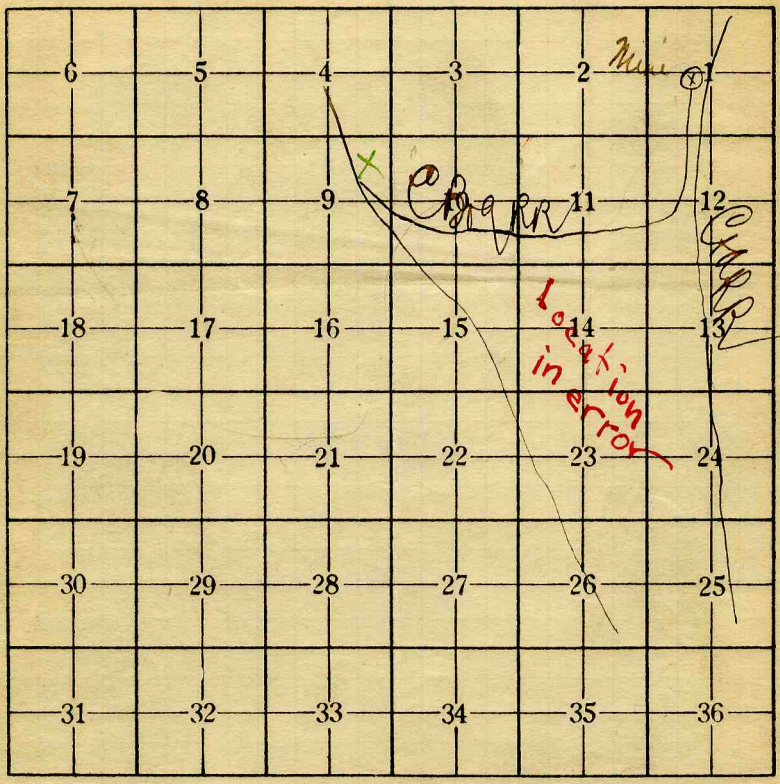
STATE GEOLOGICAL SURVEY.

Mine Location

COUNTY Macoupin

TOWNSHIP 12 RANGE 6

0109



1915 Montour Coal Co Virden No 402

Operator Glenridge Coal Co.

Office address Bedford Bld. Chicago. 203 S. Dearborn

Mine name or number #1 Virden #1.

Surface at mine is _____ feet above sea level or about _____ feet (above) (below) railroad station at _____

Depth to bottom of coal is 317 feet

Average thickness of coal is 7 feet ___ inches

Kindly note changes in name and address.

Macoupin

County #242

0109 0109

1' - coal top

6'3" -

0	15	Coal, normally banded and bright, vertical calcite filled fractures.
15	15 3/8	Shale, dark gray to black, carbonaceous, almost bony coal.
15 3/8	15½	(Pyrite band, largely crystalline pyrite) (Excluded)
15½	16	(Bony coal)
16	25	Coal, normally banded and bright, with occasional bony lens and occasional fusian partings up to 1/8" across
25	25½	Bony coal, with thin pyrite parting at base
25½	46	Coal, normally banded and bright, with one thin lens 8" from base
46	47	Shale, gray, fine, carbonaceous, hard, "blue band"
47	48	Coal, normally banded and bright
48	48½	(Pyrite band, carbonaceous) (Excluded)

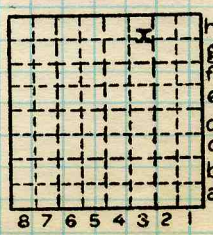
VIRDEN COAL CO
10 East entry off 18th
South at intersection

By Simon & Con. Date Nov. '53

Quad. Part

County Macoupin

Sample #(5B)



Sec. 09 N.
T. 12 N.
R. 6 W.
Index No.

(2)

1

VIRDEN COAL CO Sample # (5B)

10 E. off 18 S. at intersection

continuedd

48½	75	Coal, normally banded and bright, with pyrite and calcite prominent on vertical filled fractures - no pyrite on vertical filled fractures above.

1¢ coal top
6'6" - coal

0	5	Coal, normally banded and bright
5	5 1/8	Bony coal and shale
5 1/8	16	Coal, normally banded and bright, with calcite on vertical fracture
16	16½	Bony Coal
16½	18½	Coal, normally banded and bright
18½	18¾	Bony coal
18¾	20¾	Coal, normally banded and bright
20¾	21 3/8	Bony coal, pyritic in part
21 3/8	23½	Coal, normally banded and bright
23½	23 7/8	Fusian band
23 7/8	25¾	Coal, normally banded and bright, with several fine pyritic partings
25¾	26	Pyrite lens, ¼ - 1" thick (Excluded)
26	43	Coal, normally banded and bright, with nearly vertical calcite filled fractures, with occasional thin lens of pyrite

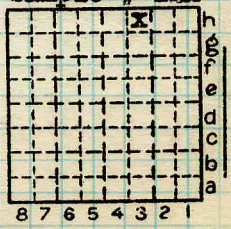
VIRDEN COAL CO
Room 5 off 9th East off 18th South

By Simon & Con. Date Nov. '53

Quad. Part

County Macoupin

Sample # 12A (2)



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Virden Mine Notes

Oriented Sample Locations

Potter's SS. depos orientation samples WSD

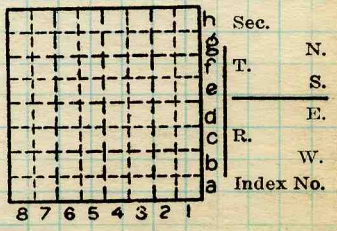
Sample No.

1. 1424' East of 2nd curve
2. 1469' East of 2nd curve
3. 1345' East of 2nd curve
4. 1145' East of 2nd curve
5. 1000' East of 2nd curve
6. 580' East of 2nd curve
7.
8. 25' North of South end of passing track
9.
10. 210' West of 1st curve
11. 187' West of 1st curve
12. 132' West of 1st curve
13. 214' West of 1st curve
14. 435' West of 1st curve
15. 473' West of 1st curve
16. 503' West of 1st curve
17. 551' North of 1st curve
18. 513' North of 1st curve
19. 467' North of 1st curve
20. 440' North of 1st curve
21. 270' North of 1st curve
22. 218' North of 1st curve
23. 198' South of South end of passing track
24. 148' South of South end of passing track
25. 48' South of South end of passing track
26. 12' North of South end of passing track
27. 15' South of South end of passing track
28. 100' South of South end of passing track
29. 84' North of South end of passing track

By Potter Date

Quad. Part

County



30. 125' North of South end of passing track
31. 172' North of South end of passing track
32. 235' North of North end of passing track
33.
34. 750' East of 2nd curve
35. 865' East of 2nd curve
36. 1520' East of 2nd curve
37. 1175' East of 2nd curve
38. 840' North of North end of passing track

Megascopic Observations

Oriented Grooves:

185' West of 1st curve: S 8E well defined (8"x15"x48")
S 47E
1400' East of 2nd curve: S 44W (6"x20"x120")
S 8E (2"x6"x60")
1650' East of 2nd curve: S 30W and S 47W. Blunt end is to North.
1590' East of 2nd curve: S 53W
1385' East of 2nd curve: S 52E (6"x18"x60")
1420' East of 2nd curve: S 34W (8"x30"x72"). Blunt end to North.
1700' East of 2nd curve: S 28W and S 27W.
12' South of South end of passing track: S 68E

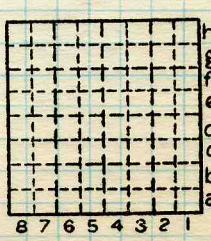
Cross-bedding:

57' North of North end of passing track 10" cross-bed dips S 57W.
170' North of North end of passing track ½" cross-bed dips S 43W. This bed is in siltstone interlaminations.

By_____ Date_____

Quad._____ Part_____

County_____



198' South of passing track is poor cross-bedding dipping S 44E, 46°.

Channel Boundaries:

535' West of 1st curve: ss/ls.
235' West of 1st curve: ls/ss.
110' West of 1st curve: ss/ls.
0' North of 1st curve: ls/ss.
550' North of 1st curve: ss/ls.
650' North of North end of passing track is approximate ls/ss contact.
1275' North of 1st curve contact strikes S 43W. Contact is knife edge sharp.
330' East of 2nd curve: ss/ls.
1730' East of 2nd curve: ls/ss,

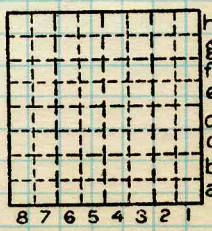
Names of miners:

Wahlen (Chairman)
Conley (Engineer)
John Las (Miner)
Hogan (Miner)

By_____ Date_____

Quad._____ Part_____

County_____



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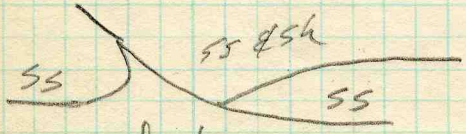
Virden Mine 6/13/57 12N - 6W Macoupin County

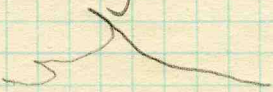
Pic No. 1 N side main E entry
Contact ss & sh with dk gray shale normal top. near West edge



normal top.

Pic. #2 20' W of Sta 50
2 pics. Load casts?
a. in entry

Pic. 3
b. N. edge of entry



Pic. #4 20' E of Sta. 48
40' W of Sta 50
Looking West.
Elongate load cast. blunt end to North

3/11/86

SPFLD JR 3-11

Abandoned mines in Logan, Macoupin to be cleaned up

Two abandoned mines in Logan and Macoupin counties will be cleaned up with part of $10.2 million in federal money awarded to the state for mine reclamation.

The Virden Mining Co. mine in Virden and the El-Ben Coal Company No. 2 mine southeast of Lincoln are among 27 abandoned mines in the state to be cleaned up this year. Both are considered relatively small-scale reclamation projects.

The estimated cost of cleaning the Virden site is about $75,000. Work is expected to start this spring on clearing about 3 acres of scattered refuse. Abandoned buildings on about 2½ acres of the site will be razed.

In addition to the buildings and refuse on the site itself, the Virden mine is considered hazardous because acidic run-off has contaminated about 5 acres of surrounding land.

The Logan site will cost about $100,000 to clean up, including elimination of a 15-foot-high gob pile and a slurry area. The 7½ acre site includes a filled shaft that will have to be refilled because of settling.

A total of 27 abandoned mine sites in 18 counties, totaling nearly 870 acres of land, will be reclaimed with the $10.2 million grant. In most cases, reclaimed mine sites are useless for little more than wildlife habitat.

Money for the reclamation comes from the federal Office of Surface Mining from a production fee on mined coal. Half of the money is returned to the states for reclamation efforts.

Mines covered by the program are those that ceased production before August 1977. After that date, coal companies were required to have their own reclamation plans.

Since 1980, the state has reclaimed about 11,000 acres of abandoned mine property. Another 9,000 acres is targeted for reclamation.

Virden Mine 12N 6W 9
MCPN

1

Mine originally operated by: (1)

Date

Original name or number:
Illinois Coal Report p.

LATER OPERATORS

Date

2 3 4 5 6 7 8 9 10 11 12 13 14

Railroad, W

IDF

County No.

Coal Report No.

Quad.

County

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

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

Coal No.

COAL MINE OPERATOR

(92753—1M—6-54)