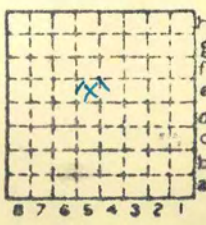




Form 180

Buckley ee



Sec. 8

T.	17	N.
R.	5	W.

Index No.



#3

Mine originally operated by: (1) Sangamon C. M. Co.
Date 1885. Sangamon.

Original name or number:
Illinois Coal Report p.

LATER OPERATORS

Date	Operator	Name or No.
1891	Cantrall Cooperative C. Co	Quade
1923	Buckley Coal Co.	
1928	Mine "B" Coal Co. ?	

Mine originally Cantrall Coop. Coal Co
Changed to Sangamon Coal Co No 3
and 1923 to Buckley Coal Co.

Map next page

* Also owners # See ownership sheet

Railroad, Wagon, Idle, Abandoned 1926
SHIPPING MINE Active
IDENTIFICATION

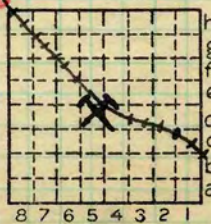
County No.

Coal No.

Quad. 158

Part 3

County Sangamon



Sec. 8
T. 17 N.
R. 5 W.
Index No.

0408
E5

COAL MINE OPERATOR

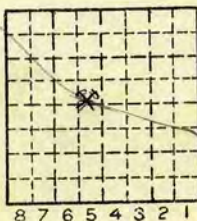
Location and Elevation Data

Location: Exact Approximate
 (Approximate only if no trace of record of original exists)
 Location by W. B. ROE
 Date 4-29-31 Notebook No. 602 Page 25-217
 Looseleaf ref. _____
 Map files No. _____

Description of Location

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

_____ feet from North line
400 feet from East line } NW 1/4
40 feet from South line }
 _____ feet from West line



Sec.
 T N.
 S.
 R E.
 W.

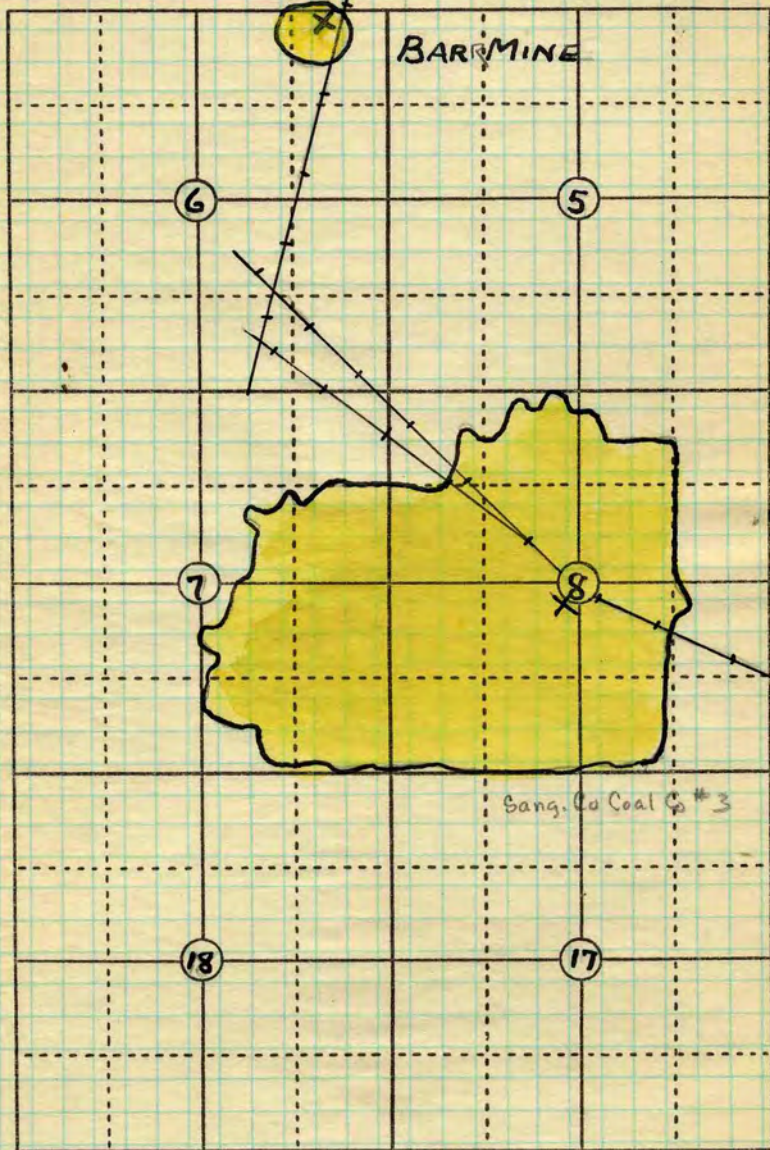
Other description: So. of R.R.

 Farm _____
 No. _____
 Company Cantrall Coop. Coal Co.
Sangamon Coal Co.
Buckley Coal Co.
 No. 3
 County No. X

Elevation 612.5 ft.
 By W. B. ROE

Method: Level, transit, alidade, hand level
Plane table - alidade
 Elevation of Ground surface at shaft
 Height of point above ground _____
 Date 4-29-31 Notebook 602 P. 25 *217
 Looseleaf ref. _____

Map files No. 12-83-136
 Description of item: (drill hole, mine, etc.) 17bd Mineshaft
R.R. 213' - 6'0" No 5 - Coal Rept. 1905
 County Sangamon Quadrangle Springfield 138 Index No. 0408 E5



T17N R5W.

Date Map. 8-20-18 Operator _____ Name or No. _____

County Sangamon Sangamon C. Co. 3 Index No. 0408

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

(85243-200-3-23)

Mine Name or No. Contra # Mine Address Cantrall St

Operator Buckley Coal Corporation

Main Office Address 626 Birch Bldg

Springfield, Ill.

Location of Mine:

Township Name _____ County Sangamon

Section No. Eight Township 17 N Range 3 9th

Indicate location of mine and position of R. R. in plat of section below.

North

West

East

Kindly state number of feet from quarter section lines:

1220 from N. line

1220 from E. line

100 from S. line

100 from W. line

Idle entire year 1914 Yes No

Abandoned (date) 1920

South

SHIPPING MINE

Surface landing is _____ feet above sea level or about _____ feet (above

(below) railroad station at _____ (nearest town)

Depth to top of coal is 210 feet.

Average thickness of coal is 6 feet 2 inches.

No information available.

Do not fill in below this line.

Coal Bed Name _____

Survey No. _____

County Sangamon

Index No. 0208

V-MINE LOCATION SHEET.

0408

Town, **Cantrall**

Local Authority,

Surface alt., **602** ft.

Depth to coal, **206** ft.

Alt. top coal, **396** ft.

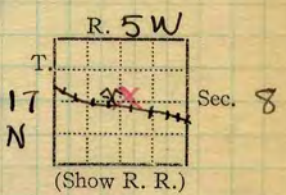
Level: Auth., **Mine Notes**

Thickness: Av. **73** in.

Max. in., Min. in.

Method,

R. R., **C P & O S.; C & NW.**



Location: authority, **Mine Notes**

Operator

Mine Name or No.

19 **Cantrall Cooperative Coal Co. Cantrall**
Keystone #11 1909

Successor to

Date

Succeeded by **Sangamon Coal Co. #3**

Date

Succeeded by **Buckley Coal Corp Cantrall**
date of succession 1922.

Date

1923 *p.o. 446, Springfield.*

PRODUCTION.

				U. S. No.
1917		25 082		[date from Sangamon Coal Co. 1926] practically abd
26	daily cap. - 600 Tons			abd '26 See letter from Buckley

Geol. Notes? **Yes** Coop. No.

Coal secs.? **No**

Analyses No. **1770**

2

Examined by

Ref.

Coal bed name: Local **#5 LOCAL MINE**
 County **Sangamon**

Survey No. **5**

Index No. **04 08.55**

K.—ACTIVE SHIPPING OR LOCAL COAL MINE.



COAL MINE NOTES.

0408

COUNTY *Sangamon* TOWN *Cantrall* MAP No. ~~0408~~

T. *17N* R. *5W.* S. *8 NW 1/4*

OPERATOR *Central Co-operative Coal Co.*

OFFICE *Springfield.*

MINE *Republic.*

TIPPLE

ENGINES *hand grand motion cylinders 10"x16"*

BOILERS

DRUM *6'*

SHAFT *8'x14'* CAGE

HAULAGE *Mules.*

CARS

VENTILATION *Fan.*

DRAINAGE

SPRINKLING

WORKING SYSTEM *Room + Pillar*

MINING METHODS *Shot from solid.*

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 Screen* RESCREENED

SIZES *1/2", 3/4", 2 1/2" + 3"*

PER CENT

PROPORTION AND SIZE OF WASHED COAL

DAILY OUTPUT

UTILIZATION

MARKETS

FREIGHT RATES

SELLING PRICES AT MINE

COAL LAND OWNED LEASED HELD IN FEE

COST OF LAND OWNED LEASED HELD IN FEE

ADDITIONAL NOTES

~~0408~~

0408



COAL MINE NOTES.
CONTINUED.

OPERATOR *Central Co-operative Coal Co.* MINE *Republic.*
ENTRANCE *Shaft.* NAME OF COAL BED # *5* 0408
ELEVATION *602* THICKNESS OF COAL *73"*
DEPTH TO FLOOR *212* MAX. MIN. AV.
ALTITUDE OF COAL *390*
LOCATION OF SECTION

No.	SECTION.	In.
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
Tape		Total

SAMPLE No.

CAN No.

CONDITION

GROSS WEIGHT

TIME EXPOSED

NOT SHIPPED

NOT INCLUDED

SECTION

Feet

PHYSICAL PROPERTIES BY NUMBERS

*Concretions common
fracture sub, concoidal.*

*In some places a sulphur band 2"-4" lies just
above the coal and is crowded with fossils.
Productus mucronatus? very common.*

ROOF *Ls cap rock 0-10" Black shale 18" to 48"*

FLOOR *Fire clay 5' to 10'*

DIP

FAULTS, ETC. *Horse backs. Cleat N + S.*

GAS

COLLECTOR

REFERENCE

DATE

06-28-84
0408

COAL MINING INVESTIGATIONS
COOPERATIVE AGREEMENT

Mine Name or No.,
mile from **At Cantrall**

R. 5 W

Operator, 191
Cantrall Consolidated Coal Co. 17



Operator, 191

R. R. C.P. &
St. J.

Entrance, **Shaft** Elev., ft. { above, **Same as**
Depth to bottom coal, **213** ft. { below, **Cantrall**
ft. Alt.

SURFACE DATA.

- A. Topography **Level** See
- B. Surficial materials, (1) Character **Sands and clays**
- (2) Thickness, **40** (3) Effect on mining and shaft-sinking, of former drainage lines, underground water strata, etc.

No trouble after reaching bed rock, but considerable water in surface sands.

- 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,
Collector, **F. H. Kay**
Mine, **Cantrall**

Survey
State No. **0408**
Co-op. No. **Sub 35**

Co. **Sangamon**

UNDERGROUND DATA (cont'd.)

- K. (5) Physical character of coal in benches,
- (a) Relative hardness, **Uniform**
- (b) Lustre, **Mostly bright**
- (c) Fracture, **Blocky**
- (d) Texture, **Finely laminated** See
- (6) Impurities in coal, other than bedded,
- (a) Kind, **Sulphur balls**
- (b) Position and persistence, **Irregular**
- Not troublesome. Said to be more numerous**
near clay veins. ~~xxxx~~ separation, Easy
- (c) Rejected, **Yes** See
- L. Floor: (1) Material **Fire clay**
- (2) Thickness **3'**
- (3) Variation **Seems good. Will send sample.**
- (4) Note character, condition, tendency to heave, relation to undercutting, commercial value.
- Heaves when wet.**

See

(5) Clay sample No. Location,

M. Stratigraphy

- (1) Fossiliferous horizons underground,

Collection No.

Location,

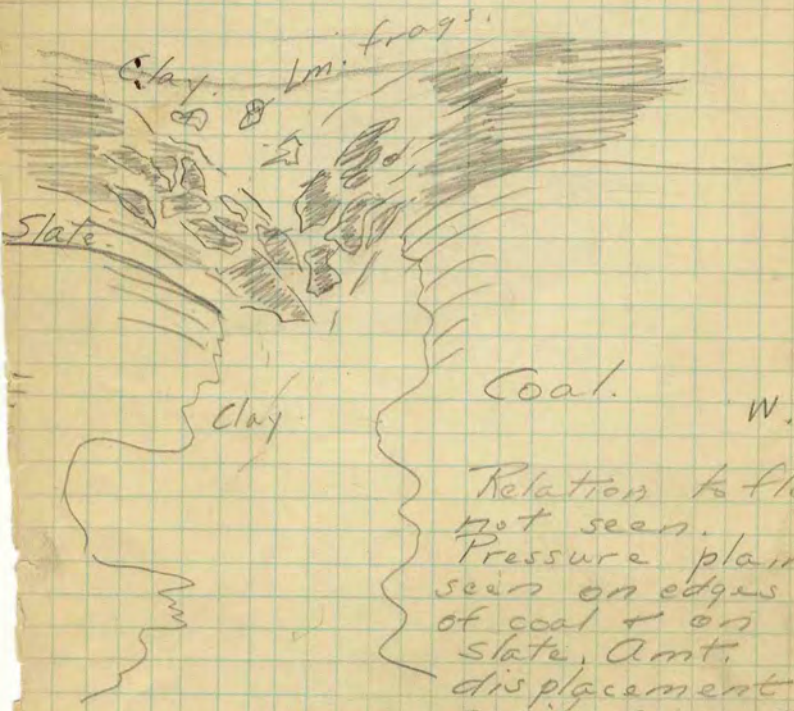
N. Notes on effect of deep drilling in coal mine areas.

Peter Begghen.
1020 N. 9th.
Springfield.

See

Collector, **F. H. Kay** CoalMine, **Cantrall** Co. State No. **0408**Co-op. No. **sub 3**

I,2 Usually streak of pyrite just above coal and about 1 in. of coal stays up. This is desirable, since it protects slate from moisture.



Relation to floor
 not seen.
 Pressure plainly
 seen on edges
 of coal & on
 slate, amt.
 displacement
 easily seen as

in diagram. ~~One side of~~
 coal usually offset; i.e.