

Location sheet filed

County No. 252 assigned to air shaft

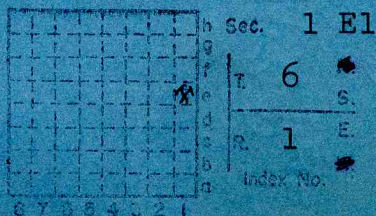
MI 136

Old Ben Coal Corp. - Mine # 22

Coal Rpt. # S-14

County No. 249

FRANKLIN





Mine originally operated by: (1)

Date

1917 Valier Coal Company # 1

Original name or number:

Illinois Coal Report P.

LATER OPERATORS

Date

Operator

Name or No.

2 **1952** **Old Ben Coal Corp.** # **22**

3

4

5

6

7

8

9

10

11

12

13

(7'10" - coal - G.S.A. ref)

14 **600' N 100' W of SE Corn. SENE (1948)**

~~410' E. 230' S NW-SW~~

*Also owners

#See ownership sheet

Railroad, Wagon, Strip, Idle, Abandoned

Shaft 610' (1954 coal report #15)

C.B. & Q.

IDENTIFICATION

County No. ~~252~~ **249**

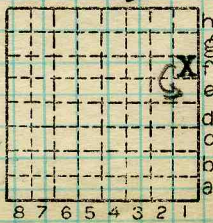
Coal No. **6**

Coal Report No. **S-14**

Quad. **254** (1948)

7'6"

County **Franklin**



Sec. 1

T. 6 S.

R. 1 E.

Index No. **F**
0501 fl

COAL MINE OPERATOR

Valley Coal Co. # 1
 (Sheets) COAL PRODUCTION (Sheet)



| Period | | | | Tons | |
|--------|-----|---------|-----|------|------|
| Mo. | Day | Year | Mo. | Day | Year |
| | | 1917-33 | 11 | 210 | 263 |
| | | 1927 | | 602 | 304 |
| | | 1928 | | | |
| | | 1929 | 8 | 11 | 266 |
| | | 1930 | | | |
| | | 1931 | | 699 | 662 |
| | | 1932 | | 710 | 761 |
| | | 1933 | | 721 | 682 |
| | | 1934 | | 878 | 163 |
| | | 1935 | | 777 | 499 |
| | | 1936 | 1 | 107 | 968 |
| | | 1937 | 1 | 109 | 706 |
| | | 1938 | 1 | 043 | 794 |
| | | 1939 | | 979 | 294 |
| | | 1940 | 1 | 089 | 446 |
| | | 1941 | 1 | 384 | 589 |
| | | 1942 | 1 | 594 | 477 |
| | | 1943 | 1 | 851 | 935 |
| | | 1944 | 2 | 047 | 811 |
| | | 1945 | 1 | 962 | 449 |
| | | 1946 | 1 | 609 | 167 |
| | | 1947 | 1 | 843 | 772 |
| | | 1948 | 1 | 450 | 154 |
| | | 1949 | | 651 | 456 |

596,957
761,095

SUMMARIES

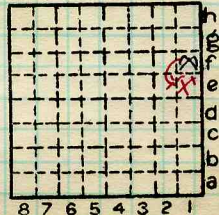
| | | | | | |
|------|----|------|----|-----|-----|
| No. | to | No. | | | |
| 1917 | | 1935 | 12 | 866 | 015 |

Railroad, Wagon, Strip, Idle, Abandoned

Sec. 1

IDENTIFICATION

County No. ~~252~~ 249 Coal No. 6
 Coal Report No. 5-14
 Quad. 25-4
 County Franklin



T. 6 S. 6 E. 1
 R. 1
 Index No.

0501 E 1

COAL MINE—PRODUCTION
 ILLINOIS GEOLOGICAL SURVEY, URBANA





2

(Sheets) COAL PRODUCTION (Sheet 2)

| Period | | | | | | Tons | | |
|--------|-----|------|-----|-----|------|------|--|---------|
| Mo. | Day | Year | Mo. | Day | Year | | | |
| | | | | | 1950 | | | IDLE |
| | | | | | 1951 | | | IDLE |
| | | | | | 1952 | | | 75 027 |
| | | | | | 1953 | | | 334 677 |
| | | | | | 1954 | | | 624 073 |
| | | | | | 1955 | | | 498 686 |
| | | | | | 1956 | | | 773 668 |
| | | | | | 1957 | | | 698 235 |
| | | | | | 1958 | | | 516 805 |
| | | | | | 1959 | | | 600 523 |
| | | | | | 1960 | | | 50 730 |

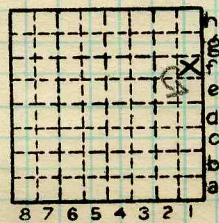
*Idled
(see clipping) Feb 1,*

| SUMMARIES | | | | | |
|-----------------------------------|----|-----|--|--------|-----|
| No. | to | No. | | | |
| <i>Total production thru 1958</i> | | | | 36 117 | 706 |

Railroad, Wagon, Strip, Idle, Abandoned

IDENTIFICATION

County No. ~~250~~ 249 Coal No. 6
 Coal Report No. 5-14
 Quad. 254
 County Franklin



Sec. 1
 T. 6 N.
 R. 1 E.
 Index No. 0501 F1

COAL MINE—PRODUCTION
 ILLINOIS GEOLOGICAL SURVEY, URBANA



VALIER COAL MINE TO CLOSE ON FEBRUARY 1

**Company Opens New Shaft
Nearby At Sesser; Buckner
Suspended.**

CHICAGO (AP)—The Old Ben Coal Corp. plans to close its Mine No. 22 in Valier on Feb. 1.

A spokesman said yesterday that the shutdown for an indefinite period will be made because of "economic conditions." He also said the timing is related to the recent opening of a new mine, No. 22 in Sesser by the corporation.

The old mine employs 210 men and has been functioning since 1918.

The corporation also said it expects a temporary suspension of operations in Old Ben Mine No. 14 near Buckner toward the end of the winter season. It will be reopened with the start of the Great Lakes shipping season in spring. The spokesman said such a temporary shutdown is normal during the switch from one kind of shipping operation to another.

All the mines are in Franklin County, Illinois.



Location and Elevation Data

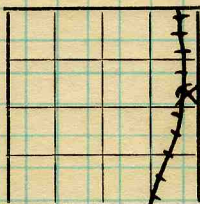
Location: Exact ~~Approximate~~
(Approximate only if no trace or record of original exists)

Location by W. B. Roe
Date May 21-31 Notebook No. 603 Page 11-97
Looseleaf ref. _____
Map files No. 11-73-27c

Description of location

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

2040 feet from North line
100 feet from East line
_____ feet from South line
_____ feet from West line



Sec. 1
T. 6 #
S. E.
R. 1 W.

Farm _____
Other description: _____
No. _____

Co # 1499
No. 1 located 20' east of shaft site, drilled 1917.
Water level 44.5' Error in
logs. - Map 2/59 following loc. sheet

Company Valier Coal Co

No. 7
County No. 252 249

Elevation 447.3 ft.

By W. B. Roe.

Method: Level, transit, alidade, hand level

Elevation of alidade
Casing

Height of point above ground 0
Date May 21-31 Notebook 603 P. 11-97

Looseleaf ref. _____

Map files No. 11-73-27c

Description of item: (drill hole, mine, etc.) Mine shaft

Count Franklin 7 4/18 7 Quadrangle Duquoin Index No. 0501.1e
(45576-1M-10-30)



Location and Elevation Data

Location: Exact ~~Approximate~~

(Approximate only if no trace or record of original exists)

Location by W. B. Roe
Date 5-21-31 Notebook No. 603 Page 11-98

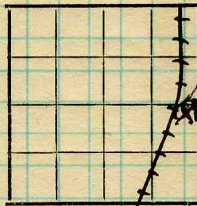
Looseleaf ref. _____

Map files No. 11-73-27c

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. 1
T. 6 ~~7~~
S. _____
E. _____
R. 1 ~~2~~

Farm _____

Other description: _____

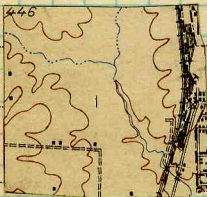
No. _____

Company _____

Galien Coal Co

No. 1

County No. ~~_____~~ # 252



Elevation 440.4 ft. 577 To bottom

By W. B. Roe -137

Method: Level, transit, alidade, hand level

Alidade

Elevation of Casing

Height of point above ground 0

Date 5-21-31 Notebook 603 P. 11-98

Looseleaf ref. _____

Map files No. 11-73-27c

Description of item: (drill hole, mine, etc.) Air shaft

County Franklin Quadrangle Duquoin Index No. 0501 et
(45576-1M-10-30) 7 23 43 tab D1



LOCATION AND ELEVATION

Location: side R. R.
 side R. R.
 side Highway No.

on top. map Location sheet **Map Files #11-73-27C**

Elevation: Method, 1. Est. () _____ ft.
 2. Inst. (kind **PT**) **440.4** ft.

By **NB603 p.11-WBR.** Data sheet

98 DEPTH

Authority **J.C. Lindsay, Mine Supt.** To coal **600** ft.
 Authority Rail to rail _____ ft.
 Top of coal above rail. (Est. Rule) _____ ft.
 To coal **567** ft.

ALTITUDE OF TOP OF COAL

By estimated data _____
 By instrumental data _____

-127 ft.

Thickness
 Max. in. Min. in. Aver. **128** in. **90**

GEOLOGICAL DATA

Mine notes, date **1918** _____
1923 _____
 Coop No. **136** Pyr. inv. Coal Ash inv.

CHEMICAL DATA

| | | | |
|---------------|-------------------------------|---------------------------|--|
| Analyses Face | U. I. 12729-30-1-2-3-4 | B. M. A90715-6-7-8 | A. I. Me. Suppl 800-153 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 |

#136
 Classification **R.I. 132 U.C.I. 145**

Misc. tests: Coking. Cleaning Boiler

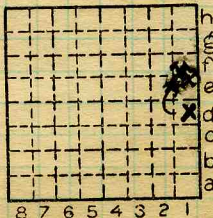
Published descriptions:—

Railroad, Wagon, Idle, Abandoned

IDENTIFICATION

S-14
 County No. ~~252~~ **249**
 Coal Rept: **S-14**
 Quad. **Dugouin**
 County **Franklin**

Coal No. **6**
 Part



Sec. 1
T. 6
R. 1
 Index No.

0501-00

COAL MINE LOCATION AND DATA



2822

John C. Moore Corporation, Rochester, N. Y. Binder and holes in leaves, each Patented 1906.
(35031-300-6-25)

Mine Name or No. 1 Mine Address Valier

Operator Valier Coal Co

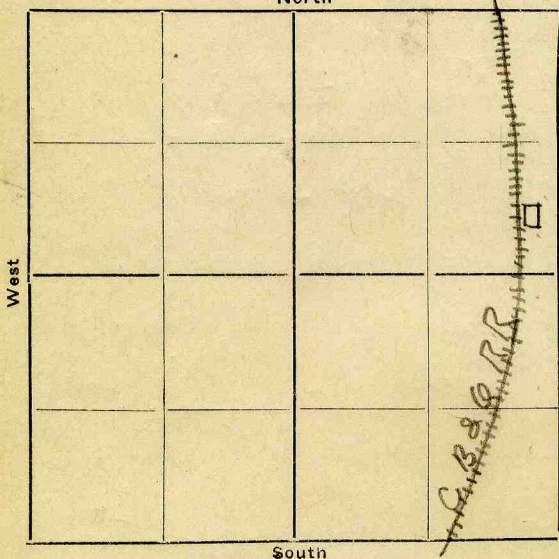
Main Office Address 547 W. Jackson Blvd
Chicago

Location of Mine:

Township Name Tyrone County Franklin

Section No. 1 Township 6 S Range 1 E W

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



Kindly state number of feet
from quarter section lines:

_____ from N. line

100 from E. line

500 from S. line

_____ from W. line

Idle entire year 19____ Yes
No

Abandoned (date) 19____

Surface landing is 451 feet above sea level or about _____ feet (above)

(below) railroad station at _____ (nearest town).

Depth to top of coal is 602 feet.

Average thickness of coal is 8 feet _____ inches.

Do not fill in below this line.

Coal Bed Name Belleville Survey No. 6

County Franklin Index No. _____

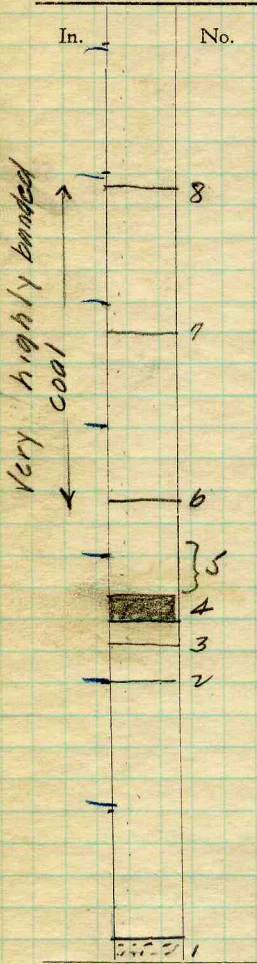
V—MINE LOCATION SHEET.



Operator, *Volier Coal Co* Date *Aug 18 1931*
 Mine, *No 1* Sec. *1* T. *65* R. *1 E*
 Location in mine, *7800' West and 600's of shaft*

GRAPHIC SECTION

DESCRIPTION OF SECTION (AT POINT SAMPLED)



| In. | No. | No. (Note character and thickness of roof) | Inches |
|-----|-----|---|--------|
| | | Height of column and section 97" | |
| | | Good parting 3" lower | |
| | | Probably 18' of top coal remaining | |
| | 8 | | |
| | 7 | 18' Good parting | |
| | | (17) horizon of disseminated pyrite lenses 0" to 6" long and 0" to 1" thick | |
| | 6 | (16) Charcoal parting | |
| | | (15) Very soft friable coal. | |
| | | (14) Blue Band. 2 1/2' soft blue clay | |
| | | (13) charcoal parting | |
| | | (12) charcoal 14" | |
| | 4 | (11) Med soft wet fire clay | |
| | 3 | (Note character and thickness of floor) | |
| | 2 | Total thickness of coal | |

Condition, Time, hr. min.
 Wt. Gross, lbs. Net, lbs.
 What Nos. shipped by Co.?
 Excluded from sample: No.
 Sample represents in. tons.
 Impurities? How do they occur?

Sample No. *25* Can No. *R-25* Lab. No.
 Collector, *A. M. Matheson* Coal: Survey No. 6
 Mine, *Volier No 1* Co. *Franklin* Index No.
 R. COAL SAMPLE SHEET.

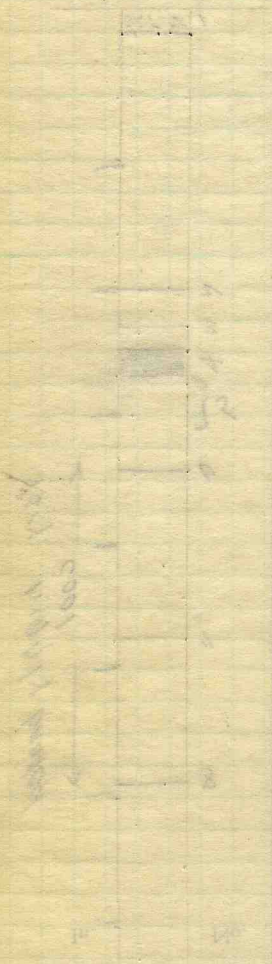
7800' West and 600's of Main Shaft.

Index No.
 Cont. Survey No.

End Main W
Butc

Station No. 52

(in feet)

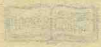


Direction of dip
 Dip
 Nature of rock
 Color
 Structure
 Time
 etc.

(Foot to describe the section)
 (Foot to describe the section)
 (Foot to describe the section)
 (Foot to describe the section)
 (Foot to describe the section)
 (Foot to describe the section)
 (Foot to describe the section)
 (Foot to describe the section)
 (Foot to describe the section)
 (Foot to describe the section)
 (Foot to describe the section)

SYMBOLIC SECTION DESCRIPTION OF SECTION OF LOGIC SYMBOLS

Location in mine
 Date
 etc.





Operator, *Valley Coal Co* Date *Aug 19 1931*
 Mine, *No 1* Sec. *1* T. *6 S* R. *1 E*
 Location in mine, *4800' East, 3800' Small Main shaft*

| GRAPHIC SECTION | | DESCRIPTION OF SECTION (AT POINT SAMPLED) | |
|-----------------|----------|---|----------------|
| In. | No. | No. | Inches |
| | | (Note character and thickness of roof) | |
| | | <i>Top of section and column 93"</i> | |
| | | <i>Good parting at 86"</i> | |
| | | <i>Probably 18" of top coal remaining</i> | |
| <i>6</i> | <i>6</i> | | |
| | <i>5</i> | | |
| <i>5</i> | | | |
| | <i>4</i> | <i>(6) Charcoal parting</i> | |
| <i>4</i> | | <i>(5) " "</i> | |
| | <i>3</i> | <i>(4) " "</i> | |
| | | <i>(3) " "</i> | |
| <i>3</i> | | <i>(2) Blue band 1 3/4" thick, light buff colored</i> | |
| | | <i>(1) Fire clay, Hard, light colored</i> | |
| | | (Note character and thickness of floor) | |
| <i>2</i> | | Total thickness of coal | |
| | <i>2</i> | | |
| | | Condition, | Time, hr. min. |
| <i>1</i> | | Wt. Gross, lbs. | Net, lbs. |
| | | What Nos. shipped by Co.? | |
| | | Excluded from sample: No. | |
| | | Sample represents | in. tons. |
| | | Impurities? How do they occur? | |
| | <i>1</i> | | |

(1 division = 3 in.)

Sample No. *26* Can No. *R-26* Lab. No. 6

Collector, *HP Nicholson* Coal: Survey No. 6
 Mine, *Valley No 1* Co. *Franklin* Index No.

4800' East and 3800' South of Main
shaft

End 9+10
6612 SE

| DEPTH SECTION | DESCRIPTION OF SECTION (See notes on reverse of book) |
|---------------|---|
| 1 | 10000 |
| 2 | 10000 |
| 3 | 10000 |
| 4 | 10000 |
| 5 | 10000 |

Location in mine: _____
Date: _____





Column 25 and 26.

Column No. 25 was cut for the pointed intersection of a 45 degree cross-cut and an entry. The face of both working places was not more than ten feet advances, meaning two falls of coal and not more than two work days since the corner was exposed. The face of the exposure was straightened up and trimmed leaving nothing but absolutely fresh coal for the column. The upper part of the column was obtained very nicely, that is almost in a unit but as usual starting from a point about a foot above the "blue band" and extending to the bottom the coal split lengthwise. However a peice was obtained by going into the solid coal further that was large enough in cross-sectional dimensions for the remainder of the column. The fire clay here was rather wet, the first place this summer that we have found it so. This column and its corresponding sample, R-25 was obtained at a point 7800 feet west and 600 feet south of the main shaft. They have here an auxiliary shaft for hoisting men and supplies but measurments were referenced to the main or hoisting shaft.

Column No. 26 was taken from the corner of a room and cross-cut at a point 4800 east and 3800 feet south of the main hoisting shaft. This working



was new but with the necessary picking back of at least a foot to get the face squared up there was no question of it being ~~absolutely~~ absolutely fresh coal. The splitting of the column as soon as any attempt was made to ~~cut~~ cut a groove along the two sides was terrible and a continuous section for the column was obtained with difficulty. The swelling of the column as soon as the column began to take shape would splinter it on a 45 degree angle, the crack coming to the surface and leaving a sliver for an end. By getting the bottom half here and the top half of the seam about six feet away where some of the weight had been relieved we were able to get a continuous section but admittedly not in as good condition as we would have liked. The other one thing besides the excessive weight at this point that made it all the more difficult to get a solid column was the great number and the thickness of the calcite facings. It must be here recorded that ~~that~~ the amount of calcite in the coal was the ~~most~~ most by far of any mine entered this summer. In addition there was a considerable number of tiny pyrite veinlets in the top coal. These could be observed most easily in the roof and in some small local areas in the room in which Column 26 was taken they almost honeycombed the coal.

The output of this mine when it is operated is entirely used by the Burlington railroad and hence there is no sizing of the coal at the mine.



W.
Mr. Dave Jones ~~is~~ the Supt. of this ~~at~~
mine and with whom arrangements were made
to get these samples. Mr. Greene, who
in the Engineer at this place accompanied
us and gave us every possible assistance.
Tommy Buras, an Englishman, was furnished
us to assist in the cutting.

Aug 24/23

027

Valier mine and
old Ben mines #10 & #11
use bug lights only. Others
near N of Chris. use open lights.

Valier mine is electrically
equipped - like Kathleen at Dowell.

Valier people have logs of several
nearby drift holes and the
engineer (Green) said he would
send them to me at Urbana
as soon as Mr. Stevens got back
& they could get them.

Valier air shaft (main shaft)
has two cages - is not one cage
balanced against a counterweight
as at Dowell.

Franklin

0501



Operator, Valier Coal Co

Date April 5, 1918

Mine, Valier

Sec. 1 T. 6 R. 1E

Located, 1 miles from Valier

Location in mine, at foot of main shaft about 10' N-10' E

| GRAPHIC SECTION | | DESCRIPTION OF SECTION (AT POINT SAMPLED) | | |
|-----------------|-----|---|---|---------------------|
| In. | No. | No. | (Note character and thickness of roof) | Inches |
| | | 1. | Coal - upper bench, roof | 48-60 |
| | | 2. | Coal | 54 6 |
| | | 3. | Sulphur lense (local) | 3/4 |
| | | 4. | Coal | 90 36 |
| | | 5. | Blue band | 3/4 |
| | | 6. | Coal | 123 33 |
| | | | Floor, dark f.c. | |
| | | | Coal, very brittle, cracks off the face, contains considerable water which drips from the coal. | |
| | | | 17' to No 5 coal - 3 1/2' thick in this shaft | |
| | | | (Note character and thickness of floor) | |
| | | | Total thickness of coal. | |
| | | | Condition, Coals sweating | Time, 1 hr. 15 min. |
| | | | Wt. Gross, 75 ± lbs. | Net, lbs. 1 can |
| | | | What Nos. shipped by Co.? | - None shipped yet |
| | | | Excluded from sample: No. 3, 5 | |
| | | | Sample represents 7 in. 7 tons. | |
| | | | Impurities? How do they occur? | |

Sample No.

Can No. 1. SGS 23 Lab. No. 10421

Collector, Cady

Coal: Survey No. 6

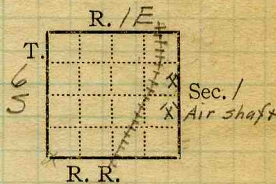
Mine, Valier

Co. Franklin Index No. 0501

R.—COAL SAMPLE SHEET.



Mine Name or No., *Valier No. 1*
 mile *1/2* from *Valier*
 Operator, 1921 *Valier Coal Co.*
 Operator, 191



Entrance, *Shaft* Elev., *443* ft. ^{above,} *sea level*
 (below,
 Depth to ~~bed~~ coal, *60 1/2* ft. Alt. *-158 1/2'*

SURFACE DATA.

- A. Topography, *Rolling* See
- B. Surficial materials. (1) Character, *No information.*
- (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.
Profile map of coal.

See drill record sheet,

E. Notes on surrounding area,

See

Coal bed name: Local, Survey No. *6*

Collector, *Netzeband*

Mine, *Valier No. 1* Co. *Franklin* Index No. *0501.96*

L.—SURFACE SHEET (Geol.)



250593

K. (5) Physical character of Coal,

(a) Relative hardness, *Coal harder than others in Benton district. Bottom coal hardest. Top brittle.*(b) Lustre, *Layers of glance + dull (to $\frac{1}{2}$)*(c) Fracture, *Blocky*(d) Texture, *Laminated*

See

(6) Impurities in coal, other than bedded, kind, position, persistence, ease of separation, etc. *Pyrite band just above fireclay, pyrite lenses thruout thickness of coal. Calcite stringers up to $\frac{1}{8}$ " thick fill fractures, especially in top and middle coal.*

See

L. Floor: (1) Material, *Fireclay*(2) Thickness, *8" to 10'*(3) Variation, *It varies only in thickness*(4) Note character, condition, tendency to heave, relation to undercutting, commercial value. *Green-grey sandy shale, with carb. fragments and many slips in upper portion; heaves when wet; used to undercut upon; value unknown.*

See

(5) Clay sample No.

Location,

M. Stratigraphy,

(1) Fossiliferous horizons underground, *Shale just above coal contains remains of plant fragments.*

Collection No.

Location,

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

See

Collector, *Netzeband*Cola: Survey No. Mine, *Valier No. 1*Co. *Franklin*Index No. *0501.96*



259693

INDEX

(36713-500-7-20)

- K₃ Roll 1500' from air shaft in Main E. Comes down into coal 3' ft. Strikes NW. Dips SE 20°
- K₅ Face of 2nd Main East Cleat S 53 W Butt S 29 E
- K₃ Rolls 100 yds SE from face of 2nd N. W. entry Strikes N 72° W. Dips 12° N. E. Comes down into coal about 3'. Shale much fractured with many coal stringers. Lateral extent about 20'
- K₂ & K_{1b} In the Main West entry the Blueband occurs in lenses which vary from 18" to 36" above the floor clay. The lenses are interlaced
- L₄ In the west side of the mine the upper one inch of floor is a hard, brittle, black shale. Fissile. It contains fragments of plant remains.
- K₃ 1000' East from air shaft there is a fairly large swell which causes the coal to go up. As it is on the main haulage ways they have graded thru it and have exposed about 6' of floor clay at the highest point of the swell. It is just past the point where the N. E., Main E. and S. E. entries join the main haulage way and it is well shown

Collector Netzeband

Index No. 0501.96

X- /

EXTRA NO. 1

County Franklin



259693

INDEX

(36713-500-7-20)

K3
cont'd

in all three entries. It is about
3-400' feet long.

Collector *Netzband*

X-2

EXTRA NO. *2*

Index No. *0501.96*

County *Franklin*



Operator, *Valier Coal Co.* Date, *June 13, 1921*
 Mine, *No 1* Sec. *1* T. *65* R. *1E*
 Located, *at* miles from *Valier.*
 Location in mine, *Face of E. airway off 1st S.E.*

| GRAPHIC SECTION | | DESCRIPTION OF SECTION (AT POINT SAMPLED) | | |
|-----------------|-----|---|---|----------------|
| In. | No. | No. | (Note character and thickness of roof) | Inches |
| | | 1 | Coal Roof 20" Approx | |
| | | 2 | Coal | 7 |
| | | 3 | Pyrite | 8 |
| 20 | 1 | 4 | Coal | 19 |
| | | 5 | Charcoal | 4 |
| | | 6 | Coal | 27 |
| 7 | 2 | 7 | Pyrite & Coal | 1 |
| 1/8 | 3 | 8 | Coal | 13 |
| | | 9 | Blue band (Pyrite + shale) | 3 |
| | | 10 | Coal (Pyrite lenses) | 16 |
| 19 | 4 | | | |
| 7 | 5 | | | |
| 22 | 6 | | Tape 79 | |
| 1 | 7 | | Coal thickness 99" | |
| 13 | 8 | | (Note character and thickness of floor) | |
| | | | Total thickness of coal. | |
| 3 | 9 | | Condition, <i>As mined</i> | Time, hr. min. |
| 16 | 10 | | Wt. Gross, <i>30</i> lbs. | Net, lbs. |
| | | | What Nos. shipped by Co.? | |
| | | | Excluded from sample: No. <i>69</i> | |
| | | | Sample represents in. tons. | |
| | | | Impurities? How do they occur? | |

Sample No. _____ Can No. *W-21-27* Lab. No. *12729*

Collector, *Wilson* Coal: Survey No. *6*

Mine, *Valier #1* Co. *Franklin* Index No. *0501.96*



Operator, *Valley Coal Co.* Date *June 13, 1921*
 Mine, *No. 1* Sec. *1* T. *65* R. *1E.*
 Located, *at* miles from *Valley*
 Location in mine, *2nd Main E. at face.*

| GRAPHIC SECTION | | DESCRIPTION OF SECTION (AT POINT SAMPLED) | | |
|-----------------|-----------|---|---|--------------|
| In. | No. | No. | (Note character and thickness of roof) | Inches |
| | | | <i>Shale</i> | |
| | | 1 | <i>Coal Roof 18" App.</i> | |
| | | 2 | <i>Coal</i> | |
| <i>18</i> | <i>1</i> | 3 | <i>Pyrite</i> | <i>7 1/2</i> |
| | | 4 | <i>Coal</i> | <i>31</i> |
| | | 5 | <i>Pyrite lenses</i> | <i>1/4</i> |
| | | 6 | <i>Coal</i> | <i>12</i> |
| <i>17</i> | <i>2</i> | 7 | <i>Pyrite</i> | <i>1/4</i> |
| | | 8 | <i>Coal</i> | <i>6</i> |
| <i>7-1/2</i> | <i>3</i> | 9 | <i>Blueband - shale</i> | <i>1 1/2</i> |
| | | 10 | <i>Coal</i> | <i>18</i> |
| <i>31</i> | <i>4</i> | | <i>Tap 87"</i> | |
| <i>7</i> | <i>5</i> | | | |
| <i>12</i> | <i>6</i> | | (Note character and thickness of floor) | |
| <i>1/4</i> | <i>7</i> | | Total thickness of coal. | |
| <i>6</i> | <i>8</i> | | | |
| <i>1 1/2</i> | <i>9</i> | | | |
| <i>18</i> | <i>10</i> | | Condition, <i>As mined</i> Time, hr. min. | |
| | | | Wt. Gross, <i>20</i> lbs. Net, lbs. | |
| | | | What Nos. shipped by Co.? | |
| | | | Excluded from sample: No. <i>1, 3, 5, & 7</i> | |
| | | | Sample represents in. tons. | |
| | | | Impurities? How do they occur? | |

Sample No. _____ Can No. *W-21-78* Lab. No. *12730*
 Collector, *Wilson* Coal: Survey No. *6*
 Mine, *Valley #1* Co. *Franklin* Index No. *0501-96*
 R.—COAL SAMPLE SHEET.



Operator, *Valier Coal Co.* Date *June 13, 1921*
 Mine, *No.* Sec. *1 T. 65 R. 1E.*
 Located, *at* miles from *Valier*
 Location in mine, *Face of 1st. N.E.*

| GRAPHIC SECTION | | DESCRIPTION OF SECTION (AT POINT SAMPLED) | | |
|-----------------|-----|---|---|--------------|
| In. | No. | No. | (Note character and thickness of roof) | Inches |
| | | | <i>Shale</i> | |
| | | 1 | <i>Coal Roof (19" App)</i> | |
| | | 2 | <i>Coal</i> | <i>16</i> |
| <i>19</i> | | 3 | <i>Shale</i> | <i>7</i> |
| | | 4 | <i>Coal</i> | <i>29</i> |
| | | 5 | <i>Charcoal</i> | <i>7</i> |
| | | 6 | <i>Coal</i> | <i>5 1/2</i> |
| <i>16</i> | | 7 | <i>Carb. Clay</i> | <i>1/2</i> |
| | | 8 | <i>Coal</i> | <i>11</i> |
| <i>4</i> | | 9 | <i>Shale</i> | <i>4</i> |
| | | 10 | <i>Coal</i> | <i>7</i> |
| | | 11 | <i>B.B. Shale</i> | <i>2</i> |
| | | 12 | <i>Coal</i> | <i>14</i> |
| <i>29</i> | | 13 | <i>Parting</i> | <i>1/8</i> |
| | | 14 | <i>Coal</i> | <i>5</i> |
| | | | <i>Trace 89</i> | |
| <i>4</i> | | 5 | | |
| <i>5 1/2</i> | | 6 | | |
| <i>7</i> | | 7 | | |
| | | 8 | (Note character and thickness of floor) | |
| <i>11</i> | | 9 | Total thickness of coal. | |
| <i>7</i> | | 10 | | |
| <i>2</i> | | 11 | Condition, <i>As mined</i> Time, hr. min. | |
| | | | Wt. Gross, <i>20</i> lbs. Net, lbs. | |
| <i>14</i> | | 12 | What Nos. shipped by Co.? | |
| <i>1/8</i> | | 13 | Excluded from sample: No. <i>7, 11</i> | |
| <i>5</i> | | 14 | Sample represents <i>89</i> in. tons. | |
| | | | Impurities? How do they occur? | |

Sample No. _____ Can No. *W-21-29* Lab. No. *12731*

Collector, *Wilson* Coal: Survey No. *6*

Mine, *Valier #1* Co. *Franklin* Index No. *0501.96*



Operator, *Valier Coal Co.* Date *June 14, 1921*
 Mine, *No 1* Sec. *1* T. *6S* R. *1E*
 Located, *at* miles from *Valier*
 Location in mine, *Face of 2nd N.W.*

| GRAPHIC SECTION | | DESCRIPTION OF SECTION (AT POINT SAMPLED) | | |
|-----------------|-----------|---|---|----------------|
| In. | No. | No. | (Note character and thickness of roof) | Inches |
| | | | <i>Shale</i> | |
| <i>12</i> | <i>1</i> | <i>1</i> | <i>Coal Roof 12-14"</i> | |
| | | <i>2</i> | <i>Coal with calcite stringers</i> | <i>27</i> |
| | | <i>3</i> | <i>Clayey charcoal</i> | <i>1</i> |
| | | <i>4</i> | <i>Coal (pyrite lenses)</i> | <i>25</i> |
| | | <i>5</i> | <i>Charcoal</i> | <i>1/2</i> |
| <i>27</i> | <i>2</i> | <i>6</i> | <i>Coal</i> | <i>7</i> |
| | | <i>7</i> | <i>B.B. charcoal + shale</i> | <i>1</i> |
| | | <i>8</i> | <i>Coal</i> | <i>10</i> |
| <i>1</i> | <i>3</i> | <i>9</i> | <i>Pyrite + charcoal</i> | <i>1/2</i> |
| | | <i>10</i> | <i>Coal (pyrite lenses.)</i> | <i>18</i> |
| <i>25</i> | <i>4</i> | | | |
| | | | <i>Tape 86"</i> | |
| <i>1/4</i> | <i>5</i> | | | |
| <i>7</i> | <i>6</i> | | | |
| <i>1</i> | <i>7</i> | | | |
| <i>10</i> | <i>8</i> | | | |
| <i>1/4</i> | <i>9</i> | | (Note character and thickness of floor) | |
| | | | Total thickness of coal. | |
| <i>18</i> | <i>10</i> | | Condition, <i>As mined</i> | Time, hr. min. |
| | | | Wt. Gross, <i>20</i> lbs. | Net, lbs. |
| | | | What Nos. shipped by Co.? | |
| | | | Excluded from sample: No. <i>3 + 7</i> | |
| | | | Sample represents in. tons. | |
| | | | Impurities? How do they occur? | |

Sample No. _____ Can No. *W-21-30* Lab. No. *12732*
 Collector, *Wilson* Coal: Survey No. *6*
 Mine, *Valier #1* Co. *Franklin* Index No. *0501-96*
 R.—COAL SAMPLE SHEET.



Operator, *Valier Coal Co*
 Mine, *No 1*
 Located, *at* miles from *Valier*
 Location in mine, *Face of Main W*

Date *June 14, 1921*
 Sec. *1* T. *6S* R. *1E*

| GRAPHIC SECTION | | DESCRIPTION OF SECTION (AT POINT SAMPLED) | | |
|-----------------|-----|---|---|------------|
| In. | No. | No. | (Note character and thickness of roof) | Inches |
| | | | <i>Shale</i> | |
| | | 1 | <i>1 Coal Roof 24"</i> | |
| <i>24</i> | | 1 | <i>2 Coal</i> | <i>10</i> |
| <i>24</i> | | 2 | <i>3 Charcoal</i> | <i>4</i> |
| | | 3 | <i>4 Coal</i> | <i>15</i> |
| <i>10</i> | | 2 | <i>5 Charcoal & shale</i> | <i>1/2</i> |
| <i>1/4</i> | | 3 | <i>6 Coal</i> | <i>17</i> |
| | | 4 | <i>7 Pyrite</i> | <i>1/8</i> |
| <i>15</i> | | 4 | <i>8 Coal</i> | <i>8</i> |
| <i>1/2</i> | | 5 | <i>9 Shale + pyrite</i> | <i>1/2</i> |
| | | 6 | <i>10 Coal</i> | <i>2</i> |
| <i>17</i> | | 6 | <i>11 B.B. shale</i> | <i>2</i> |
| <i>1/4</i> | | 7 | <i>12 Coal</i> | <i>10</i> |
| <i>8</i> | | 8 | <i>13 Shale</i> | <i>1/2</i> |
| <i>4 1/2</i> | | 9, 10 | <i>14 Coal</i> | <i>16</i> |
| <i>2</i> | | 11 | <i>15 Pyrite</i> | <i>1/4</i> |
| <i>10</i> | | 12 | <i>16 Coal</i> | <i>10</i> |
| <i>1/2</i> | | 13 | <i>17 Pyrite lenses</i> | <i>4</i> |
| <i>16</i> | | 14 | <i>18 Coal</i> | <i>2</i> |
| <i>1/4</i> | | 15 | <i>Tap 94"</i> (Note character and thickness of floor) | |
| <i>10</i> | | 16 | Total thickness of coal. | |
| <i>4</i> | | 17 | | |
| <i>2</i> | | 18 | | |

Condition, *Hs Mined* Time, hr. min.

Wt. Gross, *25* lbs. Net, lbs.

What Nos. shipped by Co.?

Excluded from sample: No. *1, 5, 9, 11, 13 + 17*

Sample represents *24* in. tons.

Impurities? How do they occur?

Sample No. Can No. *W-21-31* Lab. No. *12733*

Collector, *Wilson* Coal: Survey No. *6*

Mine, *Valier #1* Co. *Franklin* Index No. *0501-96*



Operator, *Valley Coal Co.* Date *June 14, 1921*
 Mine, *No 1* Sec. *1* T. *6S* R. *1E*
 Located, *at* miles from *Valley*
 Location in mine, *Face of 1st S.W.*

| GRAPHIC SECTION | | DESCRIPTION OF SECTION (AT POINT SAMPLED) | | |
|-----------------|----------|---|---|------------|
| In. | No. | No. | (Note character and thickness of roof) | Inches |
| | | | <i>Shale</i> | |
| | | | <i>1 Coal Roof 2 1/2'</i> | |
| <i>30</i> | <i>1</i> | | <i>2 Coal</i> | <i>27</i> |
| | | | <i>3 Charcoal</i> | <i>1/2</i> |
| | | | <i>4 Coal</i> | <i>27</i> |
| | | | <i>5 Charcoal</i> | <i>4</i> |
| | | | <i>6 Coal</i> | <i>8</i> |
| | | | <i>7 BB. shale</i> | <i>1</i> |
| <i>27</i> | <i>2</i> | | <i>8 Coal</i> | <i>21</i> |
| | | | | |
| <i>1/2</i> | <i>3</i> | | | |
| | | | <i>Tape 85"</i> | |
| <i>27</i> | <i>4</i> | | | |
| | | | (Note character and thickness of floor) | |
| <i>1/4</i> | <i>5</i> | | Total thickness of coal. | |
| <i>8</i> | <i>6</i> | | | |
| <i>1</i> | <i>7</i> | Condition, <i>As Mined</i> | Time, hr. min. | |
| | | Wt. Gross, <i>20</i> lbs. | Net, lbs. | |
| <i>21</i> | <i>8</i> | What Nos. shipped by Co.? | | |
| | | Excluded from sample: No. <i>1, 7</i> | | |
| | | Sample represents in. tons. | | |
| | | Impurities? How do they occur? | | |

Sample No. _____ Can No. *W-21-32* Lab. No. *12734*
 Collector, *Wilson* Coal: Survey No. *6*
 Mine, *Valley #1* Co. *Franklin* Index No. *0501.96*
R.—COAL SAMPLE SHEET.



Symbol

Description

Inches

[1 division=3 in.]

Valier Coal Company Valier Mine
 Sampled July 8, 1933 by L.C. McCabe & E.T. Benson
 Face of 16th 5 stub entry off Main West
 about cen. Sec. 2 T6S., R1E

Roof-Top coal - 12"

| | |
|---|----------|
| 1 Coal | 15/16 |
| 2 Pyrite, hard, stony | 1/16 |
| 3 Coal | 6 7/8 |
| 4 Bone or Splint coal | 1/8 |
| 5 Coal | 9 9/16 |
| 6 Bone or splint coal | 7/16 |
| 7 Coal | 1 5/8 |
| 8 Bone or splint coal | 1 |
| 9 Coal | 10 1/16 |
| 10 Fusain | 5/16 |
| 11 Vitrain | 1/8 |
| 12 Fusain | 3/8 |
| 13 Coal | 17 1/16 |
| 14 Fusain | 1/8 |
| 15 Coal | 16 3/4 |
| 16 Bone, with two 1/16" vitrain bands X | 1 1/16 |
| 17 Coal | 3 3/16 |
| 18 Blue band | 2 3/16 |
| 19 Coal | 22 5/16 |
| Total | 95 5/16" |

Floor - Underclay, hard, blue

Vitrain bands in coal averaging 1/4", compose 20-25% of coal
 Time: 1 hour-15 min Gross Weight - 100 lbs.

Condition: dry and dusty

Room Face of entry cleaned off before sampling

T450
 Accel. Weathering BM can ~~F50~~ top 1/2
 D744 ~~K687~~ bottom 1/2
 Face Sample BM can D #5118

(over)

Collector. L.C. McCabe and E.T. Benson Coal: Survey No. 6

Mine. Valier Co. Franklin Index No. 0501

Q.—COAL SECTION SHEET.

Aboken No 2

Bright bands averaging $\frac{1}{4}$ " form probably
 20-25% of coal

- 14 coal
- 13 Blue band
- 12 coal
- 11 shale with thin blue band
- 10 coal
- 9 shale
- 8 coal
- 7 shale
- 6 shale
- 5 coal
- 4 shale
- 3 coal
- 2 shale
- 1 coal

10' - 10' coal - 15'

Aboken No 2
 Section
 10' - 10' coal - 15'



Symbol

Description

Inches

[1 division=3 in.]

Valier Coal Co. Valier Mine
 Sampled July 8, 1933 by L.C. McCabe & E.T. Benson
 Face of 2nd SW entry at boundary
 about cen. SW sec. 12
 TGS., R#E

Roof - Top Coal

| | |
|--------------------------------|--------------------------|
| 1 Coal | 8 $\frac{1}{8}$ |
| 2 Bone | $\frac{13}{32}$ |
| 3 Coal | 11 $\frac{5}{16}$ |
| 4 Fusain, soft | $\frac{7}{16}$ |
| 5 Vitrain band | 1 $\frac{5}{16}$ |
| 6 Coal | 15 $\frac{7}{8}$ |
| 7 Fusain | $\frac{3}{16}$ |
| 8 Coal | $\frac{5}{32}$ |
| 9 Fusain | $\frac{5}{32}$ |
| 10 Coal | 17 $\frac{1}{32}$ |
| 11 Bone coal | $\frac{9}{16}$ |
| 12 Coal | 3 $\frac{7}{8}$ |
| 13 Blue band <i>x abundant</i> | 1 $\frac{5}{16}$ |
| 14 Coal | 19 |
| | <hr/> |
| | Total 80 $\frac{1}{4}$ " |

Floor - Underclay, hard, blue

Vitrain bands in coal abundant, $\frac{1}{4}$ to $\frac{1}{2}$ " thick

Accel. Weathering BM can. 53 Top $\frac{1}{2}$
 H 544 Bottom $\frac{1}{2}$

Face Sample BM can H. 704

Coal contains many vitrain bands

 $\frac{1}{4}$ to $\frac{1}{2}$ inch thick. Possibly 20% vitrain

Collector. L.C. McCabe ET. Benson Coal: Survey No. 6

Mine. Valier Co. Franklin Index No. 0501

Q.—COAL SECTION SHEET.



Symbol

Description

Inches

[1 division=3 in.]

Valier Coal Company Valier Mine
 Sampled July 8, 1933, by L.C. McCabe & E.T. Benson
 Room 12, off 9th E off 1st SE entry
 2010' E = 3100 S of Main bottom
 Center NE $\frac{1}{4}$ NW $\frac{1}{4}$, sec 7, T6S, R2E

Roof - Top coal - 6' - 24"

| | | |
|---------------------------------|---------------------|--------------------|
| 1 | Coal | 8 $\frac{9}{16}$ |
| 2 | Bone or splint coal | $\frac{3}{8}$ |
| 3 | Coal | 11 |
| 4 | Fusain | $\frac{3}{16}$ |
| 5 | Coal | 40 $\frac{1}{2}$ |
| 6 | Bone | $\frac{7}{16}$ |
| 7 | Coal | 5 $\frac{3}{8}$ |
| 8 | Blue band \times | 1 $\frac{5}{16}$ |
| 9 | Coal | 5 $\frac{3}{16}$ |
| 10 | Clay band \times | $\frac{1}{16}$ |
| 11 | Coal | 1 $\frac{13}{16}$ |
| 12 | Clay band \times | $\frac{1}{8}$ |
| 13 | Coal | 10 $\frac{5}{16}$ |
| Floor - Underclay, hard, blue - | | |
| Total | | 84 $\frac{1}{4}$ " |

Time - 50 minutes - Gross weight - 100 lbs

Condition - dry and dusty

Room - coal shot down day before - not loaded out yet

Accel. Weathering BM can J-50 top $\frac{1}{2}$
 K 657 bottom $\frac{1}{2}$

Face Sample BM can 115

Canadian Survey Can.

Vitrain about as in other two sections

Collector. L.C. McCabe and E.T. Benson Coal: Survey No. 6

Mine. Valier Co. Franklin Index No. 0501

Q.—COAL SECTION SHEET.

Form 180

2845

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

Company *Old Ben CC* No. Farm *Mirie No. 22* No.

Elev. *447.3* of by *P* Total depth Year *and op'd 17*

For *M* Method *H* Result *S* Type log Core desc.

Stripped Analysis Confd. Publ.

Location

Core logged by

Remarks: *Coal Rpt No. 5-14; Check loc. + Co^{ts}. No's between HS + AS may*

KEY BEDS *be mixed.*

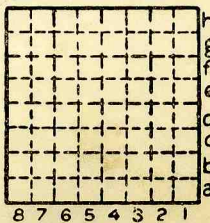
Code Name Depth Thk. Elev. *#249 = H.S.*
#252 = A.S.

Dep. Chart

Correlations by basis

Date Quad.

County *Franklin* Co. No. *{ 249
252 }*



Sec. *1*
T. *6* S.
R. *1* E.

