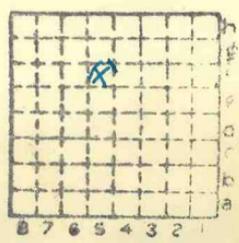


Franklin Co CC. #2

434.



Sec. 31

T. 8 S.

R. 2 E. W.

Index No.

✓ MI 158

473.06

Town, **Herrin**

Surface alt., **468** ft.

Local Authority,

Depth to coal, **126** ft.

Level: Auth., **TES; NB102-p10**

Alt. top coal, **347** ft.

**Pfeiffer** Co. level (ETB-1932)

Thickness: Av. ~~108~~ **96** in.

Method, **H.L.**

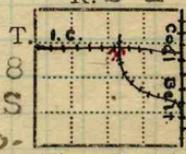
Max. in., Min. in.

R. R., I. C.; Coal Belt

R. 2 E

Location: authority, **TES**

**Letter Taylor Coal Co.**



(Show R. R.)

Operator

Mine Name or No.

**GEN'L COAL REPT. #434**

19 15 Taylor Mining Co

Energy No. 2

Successor to Taylor Coal Co(1915) from

Date: Cartersville Mining Co No. 2

Succeeded by Taylor Coal Co. (Energy) No. 2

Date

Succeeded by Franklin Co. Coal Co. No. 2

Date 1925

**PRODUCTION.**

|    |    |  |  |  | Fiscal |     | U. S. No. |     |
|----|----|--|--|--|--------|-----|-----------|-----|
| 19 | 15 |  |  |  | 234    | 730 |           | 635 |
|    |    |  |  |  |        |     |           |     |

Geol. Notes? **Yes** Coop. No. Coal secs.? **1**

Analyses No. **1801, 12819, 12820, 12821**

**20**

Examined by **TES**

Ref.

Coal bed name: Local

Survey No. **6**

County **Williamson**

Index No. **0331.47**

**K.—ACTIVE SHIPPING OR LOCAL COAL MINE.**



Mine originally operated by: (1) **Cartersville Mining Co.**

Date \_\_\_\_\_

Original name or number: **#2**  
Illinois Coal Report \_\_\_\_\_ p.

LATER OPERATORS

| Date | Operator                      | Name or No. |
|------|-------------------------------|-------------|
| 2    | Taylor Coal Co.               |             |
| 3    | 1915 Taylor Mining Co.        |             |
| 4    | 1925 Franklin County Coal Co. | #2          |
| 5    |                               |             |
| 6    |                               |             |
| 7    |                               |             |
| 8    |                               |             |
| 9    |                               |             |
| 10   |                               |             |
| 11   |                               |             |
| 12   |                               |             |
| 13   |                               |             |
| 14   |                               |             |

\* Also owners #See ownership sheet

Railroad, Wagon, Idle, Abandoned *before 1930*

SHIPPING MINE

IDENTIFICATION

County No. **434**

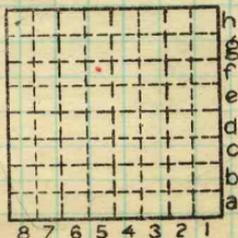
Coal No. **6**



Part

Quad. **Herrin**

County **Williamson**



Sec. **31**

|    |   |    |
|----|---|----|
| T. | 8 | N  |
| R. | 2 | S. |
|    |   | E. |
|    |   | W. |

Index No.

COAL MINE OPERATOR

0331 f5



LOCATION AND ELEVATION

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

on top. map Location sheet

Elevation: Method, 1. Est. ( ) ft.
2. Inst. (kind Company Level ) 473.1 ft.

By Pfeiffer Data sheet

DEPTH

Authority To coal ft.
Authority Rail to rail ft.
Top of coal above rail. (Est. Rule) 126 ft.
To coal 126 ft.

ALTITUDE OF TOP OF COAL

By estimated data
By instrumental data 347 ft.

Thickness

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

GEOLOGICAL DATA

Mine notes, date
Coop No. Pyr. inv. Coal Ash inv.

CHEMICAL DATA

Analyses Face U. I. 1801, B. M. Others
Car U. I. 12819-20-21 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:—

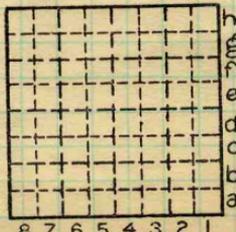
Railroad, Wagon, Idle, Abandoned

IDENTIFICATION

County No. 434 Coal No. 6

Part

Quad. Herrin
County Williamson



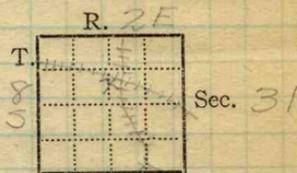
Sec. 31

T. 8 S.
R. 2 E. W.

Index No. 0331 f5

COAL MINE LOCATION AND DATA

Mine Name or No., *Energy No. 2*  
*1 1/2* mile *SW* from *Herrin*  
 Operator, 19*11* *Taylor Coal Co*



Operator, 191

Entrance, *shaft* Elev., *460* ft.  $\left\{ \begin{array}{l} \text{above,} \\ \text{below,} \end{array} \right.$  *sea level*  
 Depth to **bottom** coal, *140* ft. Alt. *320*

SURFACE DATA.

- A. Topography, *Rolling* See
- B. Surficial materials. (1) Character, *Clay*
- (2) Thickness, *20-25'* (3) Effect on mining and shaft-sinking, of former drainage lines, underground water strata, etc. *No effect reported.*

- C. Outcrops, (1) Character, See  
 (2) Structure, See  
 (3) Fossil horizons, See  
 Collection No.,  
 (4) Evidences of subsidence, *1 1/2 SW. caves to surface* 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, *Natzband*

Mine, *Energy # 2*

Co. *Williamson*

Index No. *0331.47*

L.—SURFACE SHEET (Geol.)



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

(a) Relative hardness, *Comparatively hard.*(b) Lustre, *Bright to dull. Some glance in top coal*(c) Fracture, *Bottom very blocky, rest blocky but not*(d) Texture, *Laminated* <sup>See</sup> *130 well developed*

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

(a) Kind,

(b) Position and persistence,

(c) Rejected,

Ease of separation,

See

L. Floor, (1) Material, *Fire clay - 15 under clay*(2) Thickness, *18" +*(3) Variation, *Thickness known only at shaft.*

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

See

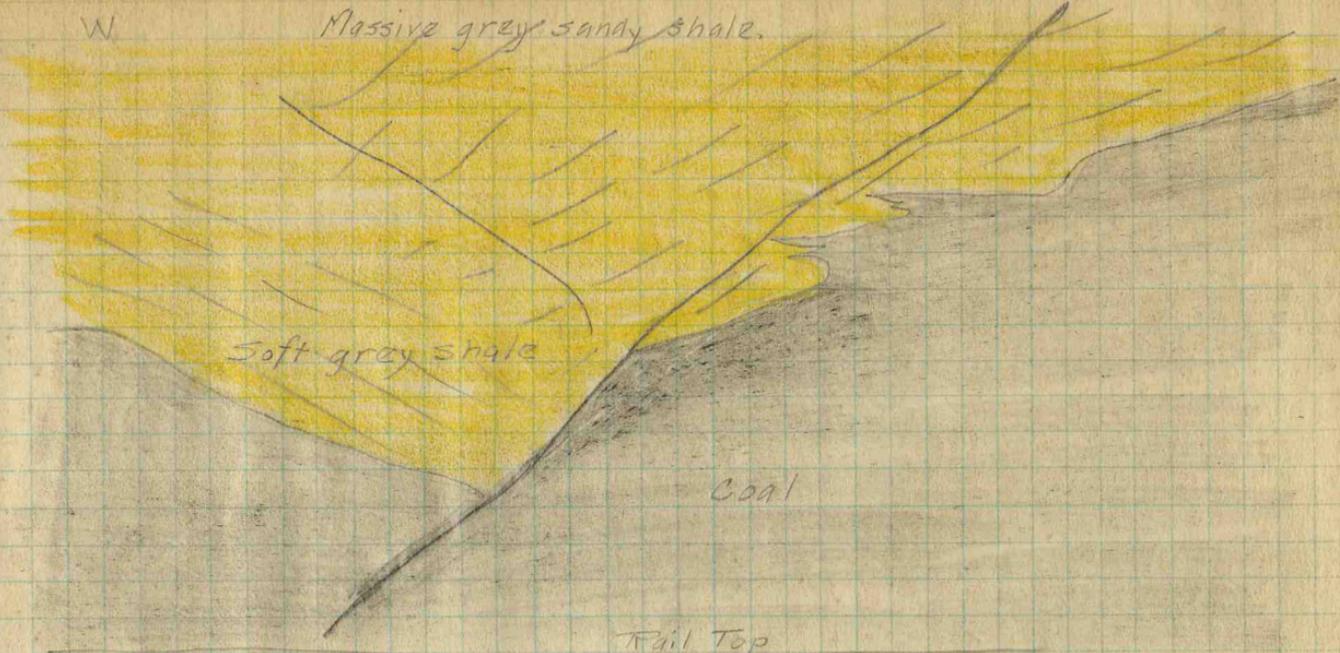
Collector, *Natzaband*Coal: Survey No. *6* Mine, *Energy # 2* Co. *Williams* Index No. *0331.47*

Fault  $\frac{3}{4}$  mile from bottom  $8^{\text{th}}$  SW  
Strike N33W. Dip App  $45^{\circ}$  W  
Strike of fault is nearly parallel to entry so  
no cross section is possible  
Coal shows no displacement on two sides  
of entry  
Mr. Brown, mine manager reports that  
coal was very soft just before they  
encountered the fault.

W

Massive grey sandy shale.

E



Soft grey shale

Coal

Rail Top

Room 35 off 8<sup>th</sup> SW N. side of Room.  
Cross section of fault found in 8<sup>th</sup> SW



255693

(36713-500-7-20)

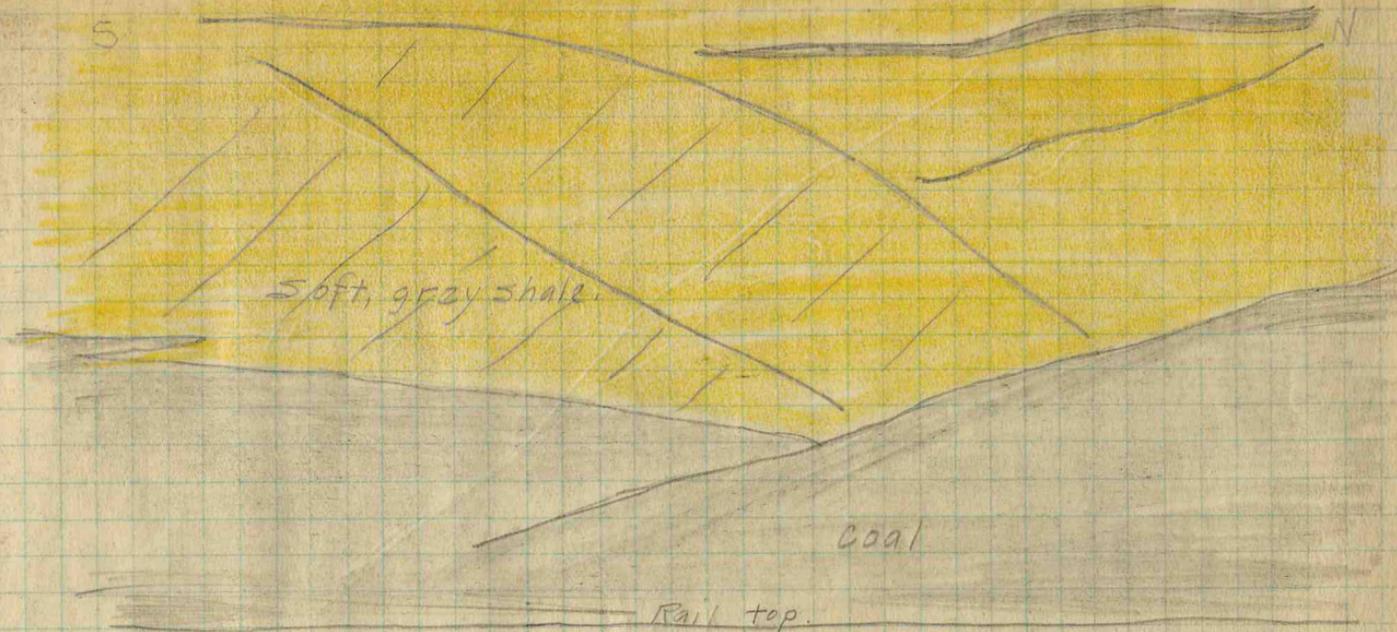
INDEX

Index No. 0331-47  
County Williamson

EXTRA NO. 2

Netzeband

Collector X-2



App  $\frac{1}{2}$  mile from bottom in 8<sup>th</sup> SW.  
 Section on W. side of entry.

..

Index No. 0331-47  
 County Williamson

EXTRA NO. 3

Netzeband

X-3

Operator, *Taylor Coal Co*  
 Mine, *Energy No. 2*  
 Located, *1 1/2* miles from *Harrin*  
 Location in mine, *1st N.W. Face*

Date *June 25, 1921*  
 Sec. *31* T. *85* R. *2E*

| GRAPHIC SECTION                           |          | DESCRIPTION OF SECTION (AT POINT SAMPLED) |   |               |
|---|----------|---|---|---------------|
| In.                                       | No.      | No.                                       | (Note character and thickness of roof)  | Inches        |
| <i>12</i>                                 | <i>1</i> |   | <i>White shale roof</i>                 |               |
|   |          | <i>1</i>                                  | <i>Coal (left as roof) 12" App.</i>     |               |
|   |          | <i>2</i>                                  | <i>Coal pyrite stringers</i>            | <i>48</i>     |
|   |          | <i>3</i>                                  | <i>Pyrite</i>                           | <i>1/4</i>    |
|   |          | <i>4</i>                                  | <i>Coal</i>                             | <i>12 1/2</i> |
|   |          | <i>5</i>                                  | <i>B.B. shale</i>                       | <i>1 1/2</i>  |
|   |          | <i>6</i>                                  | <i>Coal</i>                             | <i>23</i>     |
| <i>48</i>                                 | <i>2</i> | <i>7</i>                                  |   |               |
|   |          |   | <i>Tape 86"</i>                         |               |
| <i>7</i>                                  | <i>3</i> |   |   |               |
| <i>12 1/2</i>                             | <i>4</i> |   |   |               |
| <i>1 1/2</i>                              | <i>5</i> |   |   |               |
|   |          |   | (Note character and thickness of floor) |               |
| <i>23</i>                                 | <i>6</i> |   | Total thickness of coal.                |               |
|   |          | Condition, <i>As mined</i>                | Time, hr.                               | min.          |
|   |          | Wt. Gross, <i>25</i> lbs.                 | Net, lbs.                               |               |
| What Nos. shipped by Co.?                 |          |   |   |               |
| Excluded from sample: No. <i>1, 5</i>     |          |   |   |               |
| Sample represents <i>84 1/2</i> in. tons. |          |   |   |               |
| Impurities? How do they occur?            |          |   |   |               |

Sample No. \_\_\_\_\_ Can No. *W-21-39* Lab. No. *12819*  
 Collector, *Wilson* Coal: Survey No. *6*  
 Mine, *Energy #2* Co. *Williamson* Index No. *0331.47*  
**R.—COAL SAMPLE SHEET.**

Operator, *Taylor Coal Co*  
 Mine, *Energy No. 2*  
 Located,  $1\frac{1}{2}$  SW miles from *Herrin*  
 Location in mine, *8th SW*

Date *June 25, 1*  
 Sec. *31* T. *85* R. *2E*

| GRAPHIC SECTION  |     | DESCRIPTION OF SECTION (AT POINT SAMPLED) |   |                  |
|------------------|-----|---|---|------------------|
| In.              | No. | No.                                       | (Note character and thickness of roof)    | Inches           |
| 12               | 1   |   | 1 Coal (left as roof) 12"                 |                  |
|                  |     |   | 2 Coal                                    | 18               |
|                  |     |   | 3 Charcoal                                | $\frac{1}{4}$    |
| 18               | 2   |   | 4 Coal                                    | 4                |
|                  |     |   | 5 Pyrite                                  | $\frac{1}{4}$    |
| $\frac{1}{4}$    | 3   |   | 6 Coal                                    | 18               |
| $\frac{1}{4}$    | 4   |   | 7 Charcoal                                | $\frac{1}{4}$    |
| $\frac{1}{4}$    | 5   |   | 8 Coal } Pyrite stringers                 | 2                |
|                  |     |   | 9 Pyrite                                  | $\frac{1}{8}$    |
| 18               | 6   |   | 10 Coal                                   | 3                |
|                  |     |   | 11 Shale                                  | $\frac{1}{4}$    |
| $\frac{1}{4}$    | 7   |   | 12 Coal                                   | 15 $\frac{1}{2}$ |
| 2                | 8   |   | 13 B.B. shale                             | 1                |
| 3                | 9   |   | 14 Coal                                   | 25               |
|                  | 10  |   |   |                  |
|                  | 11  |   |   |                  |
| 15 $\frac{1}{2}$ | 12  |   | Tape 83                                   |                  |
| 1                | 13  |   |   |                  |
|                  |     | (Note character and thickness of floor)   |   |                  |
|                  |     | Total thickness of coal.                  |   |                  |
| 25               | 14  |   | Condition, <i>As mined</i> Time, hr. min. |                  |
|                  |     |   | Wt. Gross, <i>25</i> lbs. Net, lbs.       |                  |
|                  |     |   | What Nos. shipped by Co.?                 |                  |
|                  |     |   | Excluded from sample: No. <i>1, 13</i>    |                  |
|                  |     |   | Sample represents <i>82</i> in. tons.     |                  |
|                  |     |   | Impurities? How do they occur?            |                  |

Sample No. \_\_\_\_\_ Can No. *W-21-40* Lab. No. *12820*  
 Collector, *Wilson* Coal: Survey No. *6*  
 Mine, *Energy #2* Co. *Williamson* Index No. *0331-47*  
 R.—COAL SAMPLE SHEET.

Operator, *Taylor Coal Co*  
 Mine, *Energy No. 2*  
 Located,  $1\frac{1}{2}$  S.W. miles from *Herrin*  
 Location in mine, *Room 6 off 2<sup>nd</sup> stub off 1<sup>st</sup> SW*

Date *June 25, 1921*  
 Sec. *31* T. *85* R. *2E*

| GRAPHIC SECTION |          | DESCRIPTION OF SECTION (AT POINT SAMPLED) |  |               |
|-----------------|----------|---|--|---------------|
| In.             | No.      | No.                                       | (Note character and thickness of roof)   | Inches        |
| <i>12</i>       | <i>1</i> |   | <i>white shale roof</i>  |               |
| <i>23 1/2</i>   | <i>2</i> | <i>1</i>                                  | <i>Coal (left as roof) 12" App.</i>  | <i>23 1/2</i> |
|                 |          | <i>2</i>                                  | <i>Coal</i>  | <i>1/2</i>    |
|                 |          | <i>3</i>                                  | <i>Charcoal</i>  | <i>1/2</i>    |
|                 |          | <i>4</i>                                  | <i>Coal - pyrite stringers at top.</i>   | <i>45</i>     |
|                 |          | <i>5</i>                                  | <i>BB shale</i>  | <i>1</i>      |
|                 |          | <i>6</i>                                  | <i>Coal - few pyrite stringers</i>   | <i>36</i>     |
| <i>1/2</i>      | <i>3</i> | <i>7</i>                                  |  |               |
|                 |          | <i>8</i>                                  |  |               |
|                 |          |   | <i>Tape 105"</i>   |               |
| <i>45</i>       | <i>4</i> |   |  |               |
| <i>1</i>        | <i>5</i> |   | (Note character and thickness of floor)<br>Total thickness of coal.  | <i>117</i>    |
| <i>36</i>       | <i>6</i> |   | Condition, <i>As mined</i> Time, hr. min.<br>Wt. Gross, <i>25</i> lbs. Net, lbs.<br>What Nos. shipped by Co.?    |               |
|                 |          |   | Excluded from sample: No. <i>1.5</i><br>Sample represents <i>104</i> in. tons.<br>Impurities? How do they occur? |               |

Sample No. \_\_\_\_\_ Can No. *W-21-41* Lab. No. *12821*  
 Collector, *Wilson* Coal: Survey No. *6*  
 Mine, *Energy #2* Co. *Williamson* Index No. *0331-47*  
**R.—COAL SAMPLE SHEET.**