

UNITED STATES  
BUREAU OF LAND MANAGEMENT  
DEPARTMENT OF THE INTERIOR

Loc. 511. filed

... ..  
... ..

U.S. Fuel Company  
#4

County No. 669

8	7	6	5	4	3	2	1			

Sec. 5 C5  
T. 18 W.  
R. 11 W.  
Index No.

✓



Location and Elevation Data

Location: Exact Approximate  
 (Approximate only if no trace of record of original exists)  
 Location by W. P. A. photostat map, Min. Bull. # 14 + U.S. Fuel Co. map.  
 Date \_\_\_\_\_ Notebook No. \_\_\_\_\_ Page \_\_\_\_\_  
 Looseleaf ref. \_\_\_\_\_  
 Map files No. 14-92-43

Description of Location

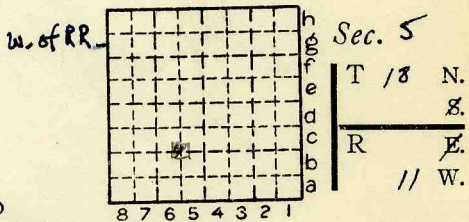
Position in sec., 1/4 sec., 40 acres

\_\_\_\_\_ feet from North line

32.25 feet from East line

13.25 feet from South line

\_\_\_\_\_ feet from West line



Mine notes 1909 (Williams)  
 Shaft 160' deep sunk 1902

Other description: Abandoned May, 1924 Farm \_\_\_\_\_

No. \_\_\_\_\_

Company \_\_\_\_\_

U.S. Fuel Co. # 4

No. \_\_\_\_\_

County No. 669

- 1902 Kellyville Coal Co. #4 (New)
- 1905 Kelly Coal Co. #44
- 1909 Hammond Coal Co. #44
- 1910 Bunsen Coal Co. #4
- 1917 U.S. Fuel Co. #4

14 tabulations

Elevation 665.0 ft.

By Co.

Method: Level, transit, alidade, hand level

Elevation of \_\_\_\_\_

Height of point above ground \_\_\_\_\_

Date \_\_\_\_\_ Notebook \_\_\_\_\_ P. \_\_\_\_\_

Looseleaf ref. \_\_\_\_\_

Map files No. \_\_\_\_\_

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

County Vermilion Quadrangle Danville Index No. 2405CS

Mine originally operated by: (1)

Date

1902

Kellyville Coal Co.

(1885)

Original name or number:

No. 4

Illinois Coal Report

p.

LATER OPERATORS

Date	Operator	Name or No.
2 1905	Kelly Coal Co.	No. 44
3 1909	Hammond Coal Co.	No. 44
4 1910	Bunson Coal Co.	No. 4
5 1914	Kelly Coal Co.	No. 4
6 1915	Bunson Coal Co.	No. 4
7 1917	<del>Kelly Coal</del> U.S. Fuel Co.	Kelly No. 4
8		
9		
10		
11		
12		
13		
14		

\*Also owners

#See ownership sheet

Railroad, Wagon, Strip, Idle, Abandoned

Shaft

Shipping IDENTIFICATION

County No. 6669

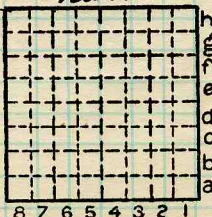
Coal No.

Coal Report No. \_\_\_\_\_

□ 6

Quad. Duenville

County Vermilion



Sec. 5  
 T. 18 N.  
 R. 11 E.  
 Index No. W.

COAL MINE OPERATOR





( Sheets ) COAL PRODUCTION ( Sheet )

Period				Tons		
Mo.	Day	Year	Mo.	Day	Year	
					1902	2917
					1903	155265
					1904	339810
					1905	301586
					1906	254345
					1907	360279
					1908	430626
					1909	316000
					1910	201039
					1911	546560
					1912	561169
					1913	669307
					1914	600626
					1915	481321
					1916	589455
					1917	739937
					1918	724128
					1919	506117
					1920	484951
					1921	413130
					1922	327021
					1923	257242
					1924	148496
					1925	

Abd.

SUMMARIES

No.	to	No.		
1902		1924	9411	327

Railroad, Wagon, Strip, Idle, Abandoned

SHAFT MINE

Sec. 5

IDENTIFICATION

1924

County No. 669

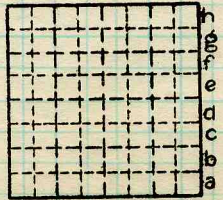
Coal No.

Coal Report No. \_\_\_\_\_

6

Quad. DANVILLE

County VERMILION



T. 18 N.  
R. 11 W.  
Index No.

COAL MINE—PRODUCTION

2405 C5

ILLINOIS GEOLOGICAL SURVEY, URBANA





Town, **Westville**

Local Authority,

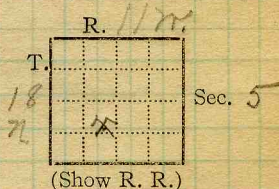
Level: Auth., **U.S. Fuel Co.**

Method,

R. R., **C + I.**

Location: authority, **U.S. Fuel Co.**

Surface alt., **655** ft.  
Depth to coal, **164** ft.  
Alt. top coal, **491** ft.  
Thickness: Av. **72** in.  
Max. in., Min. in.



(Show R. R.)

Operator

Mine Name or No.

19

**Bunsen Coal Co.**

**No. 4**

Successor to

Date

Succeeded by

Date

Succeeded by

Date

**U.S. Fuel Company**  
**208 E. Lake St., Chicago**  
**add. - Kel Co. No. 4**  
**Company letter 1926.**

**PRODUCTION.**

19

										U. S. No.

Geol. Notes? **no**

Coop. No.

Coal secs.? **no**

Analyses No.

**24**

Examined by

Ref.

Coal bed name: Local

Survey No.

County

**Vermilion**

Index No.

**2405**  
**COUNTY NO 669**

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



6441

John C. Moore Corporation, Rochester, N. Y. Binder and holes in leaves, each Patented 1930.

(5529-500)

2

Mine Name or No. Kelly 4 Mine Address Westville

Operator U.S. Fuel Co.

Main Office Address 208 S La Salle  
Chicago, Ill

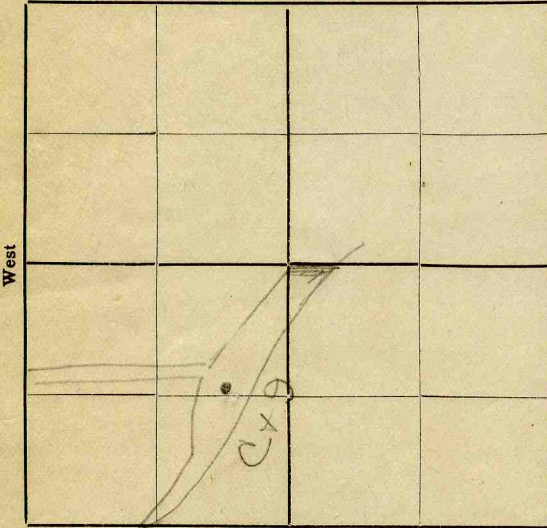
Location of Mine:

Township Name \_\_\_\_\_ County \_\_\_\_\_

Section No. 5 Township 18 N S Range 11 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

..... from E. line

..... from S. line

..... from W. line

Idle entire year 19..... Yes No.

Abandoned (date) 19.....

South

**SHIPPING MINE**

Surface landing is 655 feet above sea level or about..... feet (above) (below) railroad station at..... (nearest town).

Depth to top of coal is 164 feet.

Average thickness of coal is 6 feet 0 inches.

Do not fill in below this line.

Coal Bed Name.....

Survey No.....

County Vermilion

Index No. 2405

V—MINE LOCATION SHEET.

COUNTY NO 669



USBM Bull 123, p 181

WESTVILLE. BUNSEN MINE.

Analysis 25413 (p. 35). Bituminous coal, Illinois field, from Bunsen mine, at Westville. Coal bed, No. 6 of the Illinois geological survey; Carboniferous age, Carbondale formation. Sample 25413 represented a car of nut coal. Sampled at the Pittsburgh plant of the Bureau of Mines on June 20, 1916, by E. R. Linkenhoker.

Bunsen Mine Vermilion Co. Coal No. 6  
Index No. 2405

Kelley #44

Brattice Material Sandy Shale with Clay or Cement Facing on Both Main + Cross Entries.

one Wooden Overcast.

Character. Only fair.

Sprinkling:- Intermittent with water car.

Electrical Equipment for Motors. Voltage 250

Invisible Fishplate Bonding

Crossbonded around Switches.

Gradient:- Light.

Props:- Size 4"-6" All kinds, Cost  $\frac{1}{2}$ ¢ less than 1¢ per ft.

observed:- 7 to 8 rows of Props 3' apart.

Sample Air R.Y.W #56 Bottle # 8916

$\left\{ \begin{array}{l} CO_2 = 0.10\% \\ O_2 = 21.00\% \\ CO = 0.15\% \end{array} \right.$

Location:- Split of Main Return at Coal Shaft.

Area  $5\frac{1}{2} \times 8\frac{1}{2}$  Velocity 168 Quantity 3,179.

Barometer Outside Inside 28.55

Hygrometers Outside Wet 44° Dry 46°

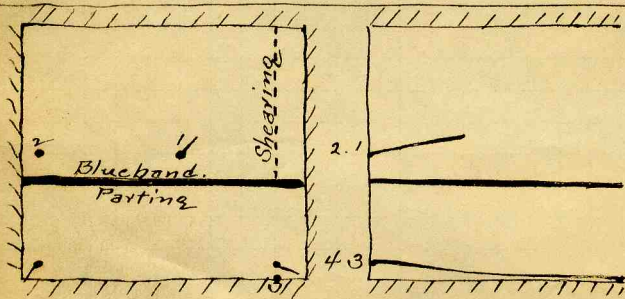
Inside Wet  $55\frac{3}{4}$  Dry 57°

In Room 27 off 8<sup>th</sup> North off Main East.

Miner at 1:05 p.m. did not have Post placed where the Examiners had chalk marked a dangerous piece of roof.

8<sup>th</sup> North off Main East is very dusty, and Gobb is piled on both sides of track, making ~~the~~ track very dirty.

Rooms all shot on Solid with Cor F. Powdes.



- #1. Snubber 16" 20" Cor F. Powdes
- #2. 8' Side Shot 30" "
- #3. 8' Lifter 36" "
- #4. 8' Snakehole 20"

Blueband Parting

Front Elev.

Side Elev

Scale  $\square$  (2805) 2400



ILLINOIS COAL MINE NOTES

TOWN *Westville* T. *R.* S. *Georgetown* Vermilion CO.  
 COAL BED *Grape Creek* DATE *2/9/09* COLLECTOR *R.Y. Williams*  
 OPERATOR *Kelley Coal Co* MINE *Kelley #44*  
 HEAD OFFICE *Old Colony Bldg Chicago Illinois*  
 CAPACITY *2000 +* MARKETS, FRT. *Illinois Steel Co, Chicago, 60¢*  
 ENTRANCE *Shaft 160'* 3 CARS per minute.  
 CAGE *Steel, Self Dumping* ENGINES *1st Motion*  
 DRUM  
 SCREENS *Sam Wills, Manager*  
 STORAGE *None*

VENTILATION *Blowing Fan.*  
 GAS, SOURCE *None Discovered.*  
 COAL THICKNESS, AV. MAX. MIN. ELE. FT.

SECTION LOCATED *Room 27 off 8<sup>th</sup> North off Main East.*

No.	In.	No.	In.
1	<i>Shale over 1'</i>	7	<i>Coal</i>
2	<i>Coal &amp; ss. Parting</i>	2	<i>Shale Band</i>
3	<i>Coal</i>	21	<i>Coal</i>
4	<i>Charcoal</i>	1/4	10
5	<i>Coal</i>	11	11
6	<i>Charcoal</i>	1/2	TAPE
			<i>79 1/2</i>

NOT SHIPPED *8* NOT INCLUDED *8* CAN SAMPLE *R.Y.W. #55*  
*Gross Sample 35# Exposed 40 minutes.*

PHYSICAL PROPERTIES BY NOS.

*0. Fine Gray Sandy Shale.*  
*Coal not so lusterful as in Deering #2 Mine*  
*Calcite on Vertical Faces.*

ROOF *Grey Sandy Shale, Treacherous.*  
 FLOOR *Fire Clay Soft* (used for Tamping)

DIP CLEAT  
 FAULTS, ETC. *Running NE.SW*

MACHINES *None*  
 HAULAGE *Motors on Main Haul, Gathering Mules.*  
 CARS *Watt.*

DRAINAGE *one ~~small~~ small pump at Shaft.*

WORKING SYSTEM *Room & Pillar.*

ENTRIES, MAIN *9* CROSS *9* ROOMS *30*

PILLARS, MAIN CROSS ROOM *10-12*

DRAWN *No* TIMBERS *Round Posts in Timbersets.*

Note also: Variation in coal, impurities, roof, structure.  
 Collect records, analyses, fossils. Note land values, etc.

COUNTY NO. *552*

*(2805)*  
*2405*



COAL MINE NOTES.

COUNTY *Vermilion* TOWN *Westville*  
T. *18 N* R. *11 W*  
OPERATOR *Brazil Block Coal Co*  
OFFICE *Chicago*  
MINE *Old Kelly #4*  
TIPPLE *(44 Dering)*

MAP No. *2805*  
S. *5 N of SE*  
*SW cor NE 4*

COUNTY

ENGINES  
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  
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

*(2805)*  
*2405*



COAL MINE NOTES.  
CONTINUED.

OPERATOR *Brazil B.C.Co.* MINE # *44 Kelly*  
 ENTRANCE *shaft.* NAME OF COAL BED # *6*  
 ELEVATION *616* THICKNESS OF COAL  
 DEPTH TO FLOOR ~~*156*~~ MAX. MIN. AV.  
 ALTITUDE OF COAL ~~*460*~~  
 LOCATION OF SECTION *See log record*

No.	SECTION.	In.
1	<i>Coal</i>	<i>47</i>
2	<i>Blue Band</i>	<i>1/2</i>
3	<i>Boney Coal</i>	<i>3 1/2</i>
4	<i>Coal</i>	<i>23</i>
5		
6		
7		
8		
9		
10		
11		
12		
<i>Tape</i>		<i>Total</i>
		<i>74</i>

SAMPLE No.  
CAN No.  
CONDITION  
GROSS WEIGHT  
TIME EXPOSED  
NOT SHIPPED  
NOT INCLUDED *2+3*



PHYSICAL PROPERTIES BY NUMBERS

ROOF *Soft. Ls.*  
 FLOOR *Fire Clay.*  
 DIP  
 FAULTS, ETC.  
 GAS

COUNTY

COLLECTOR *Tom Moses Rutledge* REFERENCE *N.B. 15 - P 3* DATE *5-16-06*  
*1 6 13* *(2805)*  
**2405**