



FORM 180

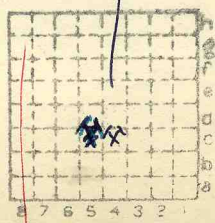
R F

SPRINGFIELD

hock-street

O'Gara # ~~48~~ 8

Co. No. 559



Sec 21.

T. 8 S.

R. Y E.

Index No.

✓ ISGS Mine Index 800



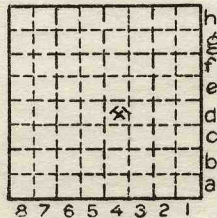
Location and Elevation Data

Location: Exact Approximate
 (Approximate only if no trace of record of original exists)
 Location by Ref. to Mine Map
 Date..... Notebook No..... Page.....
 Looseleaf ref.....
 Map files No. 12-02-20

Description of Location

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

.....feet from North line
2300 feet from East line
2200 feet from South line
feet from West line



Sec. 21
 T 8 N.
 S.
 R 7 E.
 W.

Other description:.....

Farm.....
 No.....
 Company.....
O'Gara Coal Co.
 No. 8 Mine
 County No. 558

Elevation.....ft.
 By.....
 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.) Airshaft Mine No 8

County Saline Quadrangle Eldorado Index No. 0621 D4

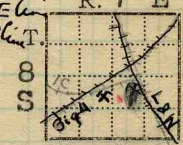


Town, **Harrisburg sh Pt.**
 Local Authority, **Eldorado P.O.**
 Level: Auth., **DeW. NB-NE1 p30**

Surface alt., **387.41** ft.
 Depth to coal, **402.5** ft.
 Alt. top coal, **-15** ft.
 Thickness: Av. in.
 Max. in., Min. in.

Method, **C.C.C. & St. L.**
 R. R., ~~Big 4~~; **L & N; I C;**

Top: Eldorado.
R. 7 E
25' from Elev. 1780
St. T.



Location: authority, **DeW. (field map)**
O'Gara map

Dike & Fault
 Operator **Corp #559**

Mine Name or No.

1904? Eldorado Coal & Coke Co #1
19 06 O'Gara Coal Co
332 So. Michigan Ave, Chicago.

No. **8**

Successor to
 Date
 Succeeded by
 Date
 Succeeded by
 Date

#559

PRODUCTION.

				Fiscal		U. S. No.
19 15				105	746	
1928	69 489	<i>Sale</i>				
						1930 #6

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

Coal secs.? **2**

Analyses No. **317, 111,**

COUNTY

Examined by **Grout; Whler; HFB;**

Ref.

Coal bed name: Local **SHIPPING MINE**
 County **Saline**

Survey No. **5**
 Index No. **0621.53**

K. - ASBESTE SHIPPING OR LOCAL COAL MINE.

sale



COAL MINE NOTES.

COUNTY *Saline*

TOWN

MAP No. *0621*

T. *8S.*

R. *7E*

S. *21NW-5E.*

OPERATOR *O'Gara Coal Co.*

OFFICE *Chicago.*

MINE # *8*

TIPPLE *Automatic Dump, Loads two tracks.*

ENGINES

BOILERS

DRUM

SHAFT CAGE

HAULAGE *Small electric motor.*

CARS *2 for wooden cars.*

VENTILATION

COUNTY NO.

DRAINAGE

SPRINKLING

WORKING SYSTEM

MINING METHODS

Electric Chain machine recently installed formally shot off solid.

SIZE OF ENTRIES—MAIN CROSS ROOM NECK

SIZE OF PILLARS—MAIN CROSS ROOM

SHAFT CHAIN BARRIER

AMOUNT OF TIMBERING *small amount.* 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

small coal with rooler screen.

PER CENT

PROPORTION AND SIZE OF WASHED COAL

DAILY OUTPUT *600 tons.*

UTILIZATION

MARKETS

FREIGHT RATES

SELLING PRICES AT MINE

0621

COAL LAND OWNED

LEASED

HELD IN FEE

COST OF LAND OWNED

LEASED

HELD IN FEE

ADDITIONAL NOTES



COAL MINE NOTES.
CONTINUED.

OPERATOR *Ogara Coal Co.* MINE *8*
 ENTRANCE NAME OF COAL BED *#5*
 ELEVATION THICKNESS OF COAL
 DEPTH TO FLOOR MAX. MIN. AV.
 ALTITUDE OF COAL

LOCATION OF SECTION *2nd Room off second West.*

No.	SECTION.	In.
1	<i>Pebbly shale</i>	<i>30'4</i>
2	<i>Draw Slate</i>	<i>1" to 3"</i>
3	<i>Coal</i>	<i>56</i>
4	<i>Fire Clay</i>	<i>2' to 3'</i>
5		
6		
7		
8		
9		
10		
11		
12		
Tape		Total

SECTION



SAMPLE No. *G9*
 CAN No. *304*
 CONDITION
 GROSS WEIGHT *56"*
 TIME EXPOSED
 NOT SHIPPED *2' to 3'*
 NOT INCLUDED

PHYSICAL PROPERTIES BY NUMBERS

Top of coal is often boney for an inch or two.

ROOF *Good roof draw slate comes down with coal.*

FLOOR

DIP

FAULTS, ETC.

GAS *Some little gas.*

COLLECTOR *Groat*

REFERENCE *M.B.7-P68*

DATE *1-25-08*

0621



COAL MINE NOTES.
CONTINUED.

OPERATOR *O'Gara Coal Co.*

MINE *8*

ENTRANCE *Shaft.*

NAME OF COAL BED *#5*

ELEVATION

THICKNESS OF COAL

DEPTH TO FLOOR *250' or 400' MAX.*

MIN.

AV.

ALTITUDE OF COAL

LOCATION OF SECTION *1st Room off 1st North. 700' E. of shaft.*

No. SECTION.

No.	SECTION.	In.
1	<i>Hard Gray slate</i>	<i>?</i>
2	<i>Draw slate</i>	<i>2"</i>
3	<i>Coal.</i>	<i>5 1/2"</i>
4	<i>Hard clay</i>	
5		
6		
7		
8		
9		
10		
11		
12		
Tape		Total

SECTION



SAMPLE No. *W33*

CAN No.

2"

CONDITION *Wet.*

GROSS WEIGHT *40*

57 1/2"

TIME EXPOSED *45 min*

NOT SHIPPED

NOT INCLUDED

PHYSICAL PROPERTIES BY NUMBERS

ROOF *Hard Gray Slate, roof good, draw slate 1" to 4"*

FLOOR *Hard Fire Clay. never squeezes and does not track up much on the roads.*

DIP

FAULTS, ETC. *Dike bearing, N.W. and S.E. on the east side of mine.*

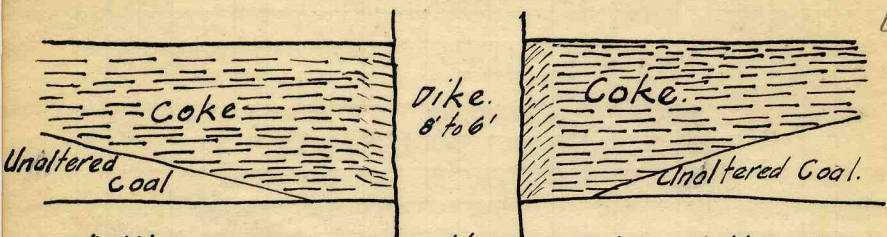
GAS

COLLECTOR *Wheeler
Bain*

REFERENCE *M.B. 139, P 6
" 10, P. 29*

DATE *1925-08*

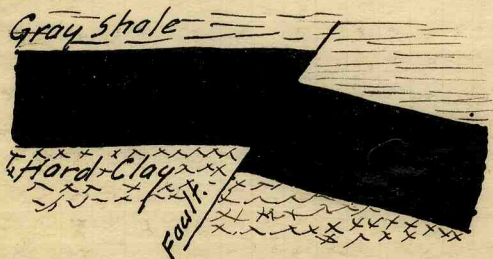
0621



A dike occurs on the east side of the mine bearing N. West & S.E. The dike is of a hard fine grained, gray volcanic rock, similar to that found in the National Mine. The coal near the dike has been coked for nearly 20' on each side. The dike is from 6' to 8' thick. In the coke near the dike are many streaks of calcite. The contact between dike and coal is often marked by the presence of calcite crystals.

The face of the east entries are working in a faulted area, which must be near another dike judging from the appearance of the coal.

A few feet from the end of the entry is a down throw of about 2 1/2' to 3' and from there to the face, the coal dips sharply. Some gas is present and also considerable water.



At the face the coal is slightly altered or coked. Several fissures filled with conglomerate are found running towards the fault in some places and parallel to it in others.

Material on dump seems to be a mica-peridotite, similar similar to that found at Rosclaire. It is cut and seamed with calcite.

The coke, fringes normal to contact - 062E
poor structure and use less.



O'Gara Coal Co. Mine #8

At dump of the O'Gara coal Co. material was found showing an igneous dike had cut thru the coal. This dike is said by Dr. Wolf to be 6' thick, nearly vertical and to cut coal roof and floor. The material seems to be a mica, peridotite similar to that found at Rosclaire. It is cut and stained by calcite. The coal on either side has been coked (see spec.) for a distance (Dr. Wolf) of 3'. It is hard flings normal to contact. poor structure and useless.

Brain N. 10 P 29.

0621



19

Operator, **O'Gara Coal Co** Date **1/25/08**
 Mine, **No. 8** Sec. **21 T. 8 S. R. 7 E.**
 Located, _____ miles from **Eldorado**
 Location in mine, **1st room off 1st N. 700' E. of shaft**

GRAPHIC SECTION DESCRIPTION OF SECTION (AT POINT SAMPLED)

In.	No.	No.	(Note character and thickness of roof)	Inches
			Hard gray shale	
			Draw slate 1 - 4 inches	
		1	Coal	57.5
57.5	Coal		Hard clay	
			(Note character and thickness of floor)	
			Total thickness of coal.	57.5
			Condition, Wet	Time, hr. 45 min.
			Wt. Gross, 40 lbs.	Net, lbs.
			What Nos. shipped by Co.?	
			Excluded from sample: No.	
			Sample represents _____ in.	tons.
			Impurities? How do they occur?	



16.7%

Sample No. **W-33** Can No. _____ Lab. No. **1111**

Collector, **Wheeler (N.B. 139 p. 6)** Coal: Survey No. **5**
 Mine, **O'Gara 8** Co. **Saline** Index No. **0621**
R.—COAL SAMPLE SHEET.

12,479



20

Operator, **O'Gara Coal Co.** Date **5/26/06**
 Mine, **No. 8** Sec. **21 T. 8 S. R. 7 E**
 Located, **miles from Eldorado**
 Location in mine, **2nd room off 2nd west**

GRAPHIC SECTION			DESCRIPTION OF SECTION (AT POINT SAMPLED)		
In.	No.	No.	(Note character and thickness of roof)	Inches	
			Pebbly shale 30+ ft. Draw slate 1 - 3 in.		
56	Coal	1.	Coal	56	
			Fire clay 2 - 3 ft.		
			(Note character and thickness of floor)		
			Total thickness of coal.	56	
			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. **G-9** Can No. **(61?)** Lab. No. **317**
 Collector, **Grout NB.7 p.68** Coal: Survey No. **5**
 Mine, **O'Gara 8** Co. **Saline** Index No. **0621**

R.—COAL SAMPLE SHEET.

125298