



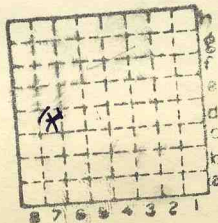
FORM 180

R F

SPRINGFIELD

Peabody ce
Eldorado #20.
555

7565
mi. 46



Sec. 15

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

Index No.

✓ Mina Index



Town, Eldorado

Surface alt., ft.

Local Authority,

Depth to coal, 445 ft.

Level: Auth.,

Alt. top coal, ft.

Thickness: Av. 56 in.

Max. 64 in., Min. 48 in.

Method,

R. R., *P.C.C. & N.H. Big 4*

430' from N. line R. 7 E
150' " E " T.
840' " S " T.
1170' " W " 8



Sec. 15

Location: authority, Top map; 0' Gara map; S

Letter from Dering Mines Co. 3/1/18

(Show R. R.)

Operator

Mine Name or No.

1908 Eldorado Coal & Mining Co

No. 1

Sea graves

Successor to

Date

Succeeded by *J.R. Dering Mines Coal Co.*

No. 3

Date

(Coal Age June 16, 1917)

Succeeded by

Peabody Coal Co. Eldorado #20

Date

16/5 M. Comick Bldg.; Chicago.

Southern Counties Coal Co. PRODUCTION.

Eldorado #20.

		Fiscal		U. S. No.
1915		293	827	
1927	<i>— 0 —</i>			
1928	<i>— Idle —</i>			

No record in coal reports after 1924.

No record of Peabody ownership

#555

Geol. Notes? Yes

Coop. No. 46

Coal secs.? 8

Analyses No. 5023, 5021, 5019, 5020, 5024, 5022

COUNTY

Examined by Wheeler; KDW;

Ref.

Coal bed name: Local SHIPPING MINE

Survey No. 5

County Saline

Index No. 0615, 24

K.—ACTIVE SHIPPING OR LOCAL COAL MINE.

sale June 1925



8441

John C. Moore Corporation, Rochester, N. Y. Binder and holes in leaves, each Patented 1808.

(5529-500)

2

Eldorado.

Mine Name or No. "20" Mine Address Eldorado, Ill.

Operator Peabody Coal Co.

Main Office Address 332 S. Michigan Av.,
Chicago, Illinois

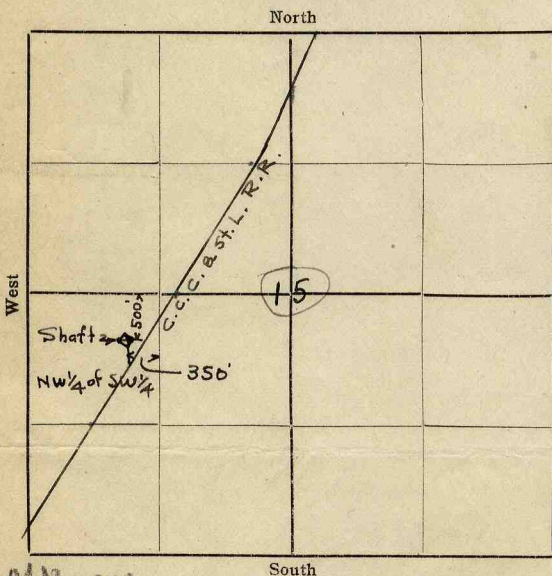
Location of Mine:

Township Name East Eldorado County Saline

Section No. 15 Township 8 S. Range 7 E

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

county no 555



Kindly state number of feet from quarter section lines:

About 500 ft. from N. line

" 350 " from E. line

" 820 " from S. line

" 970 " from W. line

Idle entire year 19 24 No.

Abandoned (date) 19.....

MN 19/2
SHIPPING MINE

Surface landing is..... feet above sea level or about..... feet (above)

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

Depth to top of coal is 444 feet.

Average thickness of coal is 4 feet 8 inches.

Do not fill in below this line.

Av. daily production 1850 tons

Coal Bed Name.....

Survey No.....

County Saline.....

Index No. 0615.....

V—MINE LOCATION SHEET.



COAL MINE NOTES.

COUNTY *Saline*

TOWN

MAP No. *0615*

T. *8S*

R. *7E*

S. *15 1/2 SW 1/4*

OPERATOR *Eldorado Coal and Mining Co.*

OFFICE *Eldorado.*

MINE *#1 Eldorado.*

TIPPLE *3 tracks*

ENGINES

BOILERS

DRUM

SHAFT

CAGE *Automatic.*

HAULAGE

CARS *Wood 2 tons capacity.*

VENTILATION

DRAINAGE

SPRINKLING

WORKING SYSTEM

MINING METHODS

Electric Chain machines.

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

0615



COAL MINE NOTES.
CONTINUED.

OPERATOR *Eldorado Coal and Mining Co.* MINE #1 *Eldorado*
 ENTRANCE *Shaft.* NAME OF COAL BED # *5*
 ELEVATION THICKNESS OF COAL
 DEPTH TO FLOOR *450'* MAX. MIN. AV.
 ALTITUDE OF COAL

LOCATION OF SECTION *Face of south. 250' S. W of shaft.*

No.	SECTION.	In.
1	<i>Hard Slate</i>	<i>2'</i>
2	<i>Coal</i>	<i>53½</i>
3	<i>Hard slate.</i>	
4		
5		
6		
7		
8		
9		
10		
11		
12		
Tape		Total

SAMPLE No. *W31.*

CAN No.

CONDITION *dry*

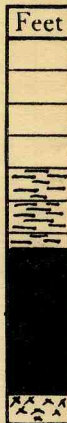
GROSS WEIGHT *25*

TIME EXPOSED *45'*

NOT SHIPPED

NOT INCLUDED

SECTION



PHYSICAL PROPERTIES BY NUMBERS

Face of coal does not appear to be as free from sulphur and bone as average. in the district.

ROOF *Hard Black slate 2', Roof weak near shaft, but in about 300' becomes good. 2" draw slate comes down with coal.*
 FLOOR *Hard dark fire clay.*

DIP

FAULTS, ETC.

GAS

COLLECTOR *Wheeler*

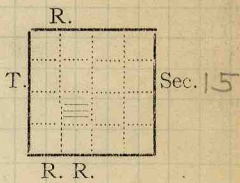
REFERENCE *14B. 141, p98*

0615
DATE *1-24-08*



COAL MINING INVESTIGATIONS COOPERATIVE AGREEMENT

Mine Name or No., *1*
3/4 mile from *Eldorado*
Operator, 1912 *Eldorado Coal + Mining Co*
Operator, 191 *(Became Perry Mining Co #3 in 1917)*



Entrance, *Shaft*. Elev., *424.7* ft. { above,
Depth to bottom coal, *450* ft. Alt. *-40*
465 SURFACE DATA.

- A. Topography *Flat to Rolling*. See
- B. Surficial materials. (1) Character *Flat to Rolling*. See
- (2) Thickness, *60'* (3) Effect on mining and shaft-sinking, of former drainage lines, underground water strata, etc.

Encountered a blue muck 30' from surface 2' to 3' thick. Surficial material a yellow sandy clay. No great difficulty in sinking shaft. Muck also encountered in O'Gara Coal Co Mines #10 + 11

- 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, *5*
Collector, *KD White*
Mine, *1*

Survey *5*
State No. *0615*
Co-op. No. *46*

Co. *Saline*



UNDERGROUND DATA (cont'd.)

- K. (5) Physical character of coal in benches,
- (a) Relative hardness, *Very hard*
 - (b) Lustre, *Bright.*
 - (c) Fracture, *Blocky.*
 - (d) Texture, *Compact.* See
- (6) Impurities in coal, other than bedded,
- (a) Kind, *A little sulphur + bone.*
 - (b) Position and persistence,
 - (c) Rejected, Ease of separation, See
- L. Floor: (1) Material *clay shale.*
- (2) Thickness *5'*
 - (3) Variation *constant*
 - (4) Note character, condition, tendency to heave, relation to undercutting commercial value.
- A dark gray shale, or clay, containing very little sand, a few plant impressions. Does not weather easily or heave.*

(5) Clay sample No. Location, See

- M. Stratigraphy
- (1) Fossiliferous horizons underground,
- Collection No. Location,

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

See

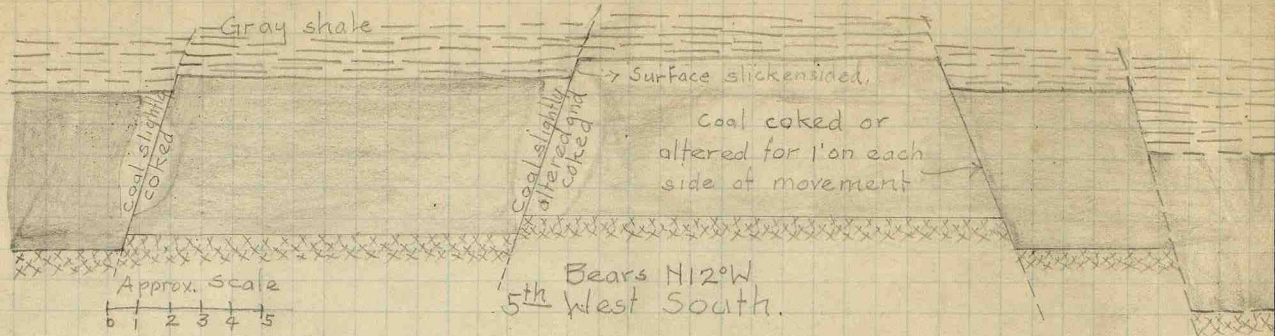
Collector, *KD White* Coal *J* State No. **0615**
 Mine, *#1* Co. *Saline* Co-op. No. *46*

John C. Moore Corporation, Rochester, N. Y. Binder and notes in leaves, each 14x21x1/2 inch, 102392

MOORE
RETIRES

INDEX

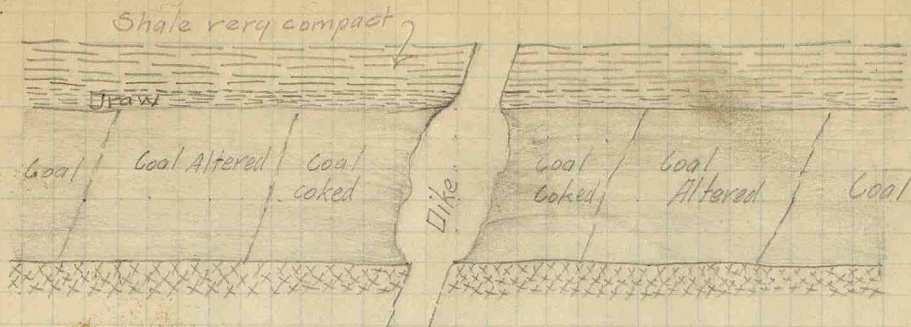
K3



Roof perfectly good. Is slick along movement planes.
Coal coked in the vicinity of slips

Collector *K. White* State No. **0615**
 Mine #1 Co. *Saline* Co-op No. **46**
 Coal **5**
 X.—EXTRA SHEET No.!

MOORE'S
MODERN
METHODS



Line of contact between dike and coal very irregular.
 Line of contact between dike and root sharp.
 Root good.
 Goke interlaced with calcite. Veins of calcite traverse dike rock, generally parallel to dip of dike. Crystals of pyrite and flakes of biotite mica scattered thru dike.
 Dike approximate parallel to step fault, follows a general North and South direction.

INDEX

K3

Collector *Kitt White* State No. **0615**
 Mine #1 Co-op No. *46*
 Coal *5*
 Co. *Saline*
X.—EXTRA SHEET No. 2

COAL MINING INVESTIGATION

COOPERATIVE AGREEMENT

Operator, Eldorado Coal Min. Co Date, June 24, 1912
 Mine, Seagrave Located 3/4 miles* NE from Eldorado
 Location in mine, #41 Room face, 137' W of N. (3000' from Shaft)
 Total (vertical) depth from surface at point of sampling, 460 ft 446

In describing the beds and character of the members, note any member that is rejected by the miner. Note all clay and sulphur partings, whatever their thickness. Exclude from sample all clay and sulphur partings $\frac{3}{8}$ inch thick or over (and even those of less thickness if they are rejected at mine or tipple).

SECTION OF BED AT POINT SAMPLED.

No.	DESCRIPTION.	FEET.	INCHES.
1	Coal Bright	1	11
2	Mother Coal		1/4
3	Coal Bright	2	7
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14	Floor - shale over fire clay		
15	1100 T Output		
16	Gray Shale Roof		
17			
	TOTAL,	4	6 1/4

Is coal wet or dry? Dry
 Time exposed, 1 hours, 50 minutes.
 Weight, 25 gross, net.
 What are the impurities, and how do they occur? Blue Bands Sulphur Streaks, Mother Coal
 What are shipped? All
 What are excluded from the sample? Nothing

*Direction (N., NE., etc.). Coal bed, #5
 †Nearest railway station.

Town, Eldorado Mine, Seagrave (#1) Co. Eldorado Coal M. Co.
 SAMPLE NO. 76 CAN NO. 518 No. 76 0615

I.—COAL SAMPLE SHEET. Sampler. McDonald
#5019
Stafford



COAL MINING INVESTIGATION

COOPERATIVE AGREEMENT

Operator, *Eldorado Coal M. Co.* Date, *6-24*, 191*2*

Mine, *#1 Seagrave* Located *1/2* miles* *NE* from † *Eldorado*

Location in mine, *#41 Room, three 1st W. of M. (2000' from Shaft)*

Total (vertical) depth from surface at point of sampling, *460 ft. All*

In describing the beds and character of the members, note any member that is rejected by the miner. Note all clay and sulphur partings, whatever their thickness. Exclude from sample all clay and sulphur partings $\frac{3}{8}$ inch thick or over (and even those of less thickness if they are rejected at mine or tippie).

SECTION OF BED AT POINT SAMPLED.

No.	DESCRIPTION.	FEET.	INCHES.	
1				
2		Same as preceding		
3				
4		Sample #46 B,		
5				
6		Caw # St. 18		
7				
8				
9				
10				
11				
12		✓ 32		
13				
14				
15				
16				
17				
TOTAL,				

Is coal wet or dry? *Dry*

Time exposed, *1* hours, *50* minutes. net.

Weight, *25* gross, net.

What are the impurities, and how do they occur? *same as preceding sample #46 B,*

What are shipped? *All* *Caw # St. 18*

What are excluded from the sample? *None*

16.7% Coal bed, #5 ✓

*Direction (N., NE., etc.). †Nearest railway station.

Town, *Eldorado* Mine, *#1 Seagrave* Co. *Eldorado Coal M. Co.*

SAMPLE NO. *2* COAL NO. *St. D. W. 19* No. *46 0615*

I.—COAL SAMPLE SHEET. Sampler. *McDonald Stafford*

#5020
12304



COAL MINING INVESTIGATION

COOPERATIVE AGREEMENT

Operator, *Eldorado Coal Mining Co* Date, *6-24* 191*2*
 Mine, *Eldorado #1* Located *1* miles *NE* from *Eldorado*
 Location in mine, *Room #13 - 6th West, 5th South.*
 Total (vertical) depth from surface at point of sampling, *446* ft.

In describing the beds and character of the members, note any member that is rejected by the miner. Note all clay and sulphur partings, whatever their thickness. Exclude from sample all clay and sulphur partings $\frac{3}{8}$ inch thick or over (and even those of less thickness if they are rejected at mine or tippie).

SECTION OF BED AT POINT SAMPLED

No.	DESCRIPTION	FEET	INCHES
1 x	- Roof - drab slate - gray slate above		
2 x	Bone		$1\frac{1}{2}$
3	Coal - clean	4	7
4 x	Floor - fire clay		
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
TOTAL,		4	$8\frac{1}{2}$

Is coal wet or dry? *dry*
 Time exposed, *0* hours, *35* minutes.
 Weight, *35* gross, net.

What are the impurities, and how do they occur? *- Bone near roof streak of mother of coal near floor*

What are shipped? *3*
 What are excluded from the sample? *1, 2, 4*
 Coal bed, *# 3*

#5021 *Direction (N., NE., etc.). †Nearest railway station.

Town, *Eldorado* Mine, *Eldorado #1* Co. *Eld. Coal 4 Mining Co.*
 Sample No. *48 A2* Can No. *5+D 10* No. *416.0615*

I.-COAL SAMPLE SHEET. Sampler. *Nebel & Smith.*
 11964



24

COAL MINING INVESTIGATION

COOPERATIVE AGREEMENT

Operator, Eldorado Coal Mining Co. Date, 6-24 1912
 Mine, Eldorado #1 Located 1 1/2 miles NE from Eldorado
 Location in mine, Room 1 - 8th East South
 Total (vertical) depth from surface at point of sampling, 446 ft.

In describing the beds and character of the members, note any member that is rejected by the miner. Note all clay and sulphur partings, whatever their thickness. Exclude from sample all clay and sulphur partings $\frac{3}{8}$ inch thick or over (and even those of less thickness if they are rejected at mine or tippie).

SECTION OF BED AT POINT SAMPLED

No.	DESCRIPTION	FEET	INCHES
1*	Roof-draw slate	—	—
2	Coal-clean	5	0
3			
4*	Floor-fireclay	—	—
5			
6			
60 Coal 7			
8			
9			
10			
11			
x, y, z 12			
13			
14			
15			
16			
1.7v 17			
TOTAL,		5	0

Is coal wet or dry? dry
 Time exposed, 0 hours, 50 minutes.
 Weight, 40# gross, net.
 What are the impurities, and how do they occur? small lense of sulphur near roof
 What are shipped? 2
 What are excluded from the sample? 1, 3

8-97 18.1% Coal bed, #5
 *Direction (N., NE., etc.). †Nearest railway station.

Town, Eldorado Mine, Eldorado #1 Co. Eldorado Coal & Mining Co.
 Sample No. 4662 Can No. ST D 2 D No. 46 0615

I.—COAL SAMPLE SHEET. Sampler, Nebel, Smith
 12050 #5022



B

COAL MINING INVESTIGATION

COOPERATIVE AGREEMENT

Operator, *Eldorado Coal & Mng'g Co.* Date, *6-24* 191*2*
 Mine, *Eldorado #1* Located *1* miles* *NE* from † *Eldorado*
 Location in mine, *Face of Room 13 - 6th West South*
 Total (vertical) depth from surface at point of sampling, *446* ft.

In describing the beds and character of the members, note any member that is rejected by the miner. Note all clay and sulphur partings, whatever their thickness. Exclude from sample all clay and sulphur partings $\frac{3}{8}$ inch thick or over (and even those of less thickness if they are rejected at mine or tippie).

SECTION OF BED AT POINT SAMPLED

No.	DESCRIPTION	FEET	INCHES
1	Root-draw slate below		
2	<i>gray shale</i>		
3	Bone -		$1\frac{1}{2}$
4	Coal - clean	4	7
5	Floor - fire clay		
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
TOTAL,		4	$8\frac{1}{2}$

55 Coal

xxx

8-14

3450

Is coal wet or dry? *- dry*
 Time exposed, *0* hours, *35* minutes.
 Weight, *35 #* gross, net.
 What are the impurities, and how do they occur? *- Bone near root - streak of mother of coal near floor*
 What are shipped? *3*
 What are excluded from the sample? *1, 2, 4.*

9.98 207/10 Coal bed, # *5*
 *Direction (N., NE., etc.). †Nearest railway station.

Town, *Eldorado* Mine, *Eldorado #1* Co. *Eldorado Coal & Mng'g Co.*
 Sample No. *46A*, Can No. *5+D 27* No. *46 0615*

I.—COAL SAMPLE SHEET. Sampler. *Nebe & Smith.*
 11989. #5023



COAL MINING INVESTIGATION

COOPERATIVE AGREEMENT

Operator, *Eldorado Coal & Min. Co.* Date, *6-24* 191*2*
 Mine, *Eldorado #1* Located *1* miles ~~NE~~ from *Eldorado*
 Location in mine, *Room #1* *8th East off South*
 Total (vertical) depth from surface at point of sampling, *446* ft.

In describing the beds and character of the members, note any member that is rejected by the miner. Note all clay and sulphur partings, whatever their thickness. Exclude from sample all clay and sulphur partings $\frac{3}{8}$ inch thick or over (and even those of less thickness if they are rejected at mine or tippie).

SECTION OF BED AT POINT SAMPLED

No.	DESCRIPTION	FEET	INCHES
1	Roof-draw slate		
2	Coal - clean	5	0
3			
4	Floor fire clay		
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
TOTAL,		5	0

Is coal wet or dry? *- dry*
 Time exposed, *40* hours, *50* minutes.
 Weight, *40* gross, net.
 What are the impurities, and how do they occur? *- small lense of sulphur near roof.*
 What are shipped? *2*
 What are excluded from the sample? *1, 3*

Coal bed, *#5*
 *Direction (N., NE., etc.). †Nearest railway station.
 Town, *Eldorado* Mine, *Eldorado #1* Co. *Eldorado and Min. Co.*
 Sample No. *40C* Can No. *S+D 54* No. *46 0615*

I.-COAL SAMPLE SHEET. Sampler. *Nebelesmith*
11971 #5224



W

INDEX



J

Draw slate, harder to hold towards the south

K5



0' Bone coal
Dull + glance coal
well mixed. Very
few impurities.
A little bone in top.
No Mutter Coal lenses.
Bands of glance coal
knife edges of
mother coal

1' No sulphur
Glance coal in thin
bands. A little
calcite along
cleavage planes.

2' Mother coal.

3' Mother coal.

4' Mother coal.

#6'



0' Dull + glance coal well
mixed, one small
sulphur lens.
A few bands of glance coal

1' A few bands of glance coal

2' Mother coal.

3' Mother coal.

4' Mother coal.

5' Mother coal.

A little calcite along
cleavage planes

Room 13-6th West, South.
Coal in one bench, very hard,
bright and blocky. Little or
no impurities, A small
amount of bone in upper
3" of bed.

Cleat N80°E
N45°E

Room 1, 8 East South.
Coal generally similar
to previous section.

Cleat N66°E
Cleat slightly developed.

I

Roof a hard gray compact sandy shale, stays up
well, falls in slabs 2" thick 3' square.

I

On North side roof is bad, full of slips and coal
stringers, stringers 1" thick 3" to 4" apart.

K5

Very little calcite along cleavage planes.

Collector K White
Mine #1

Coal 5.
Co. Saline

State No. 0615
Co-op No. 46



4

Operator, **Eldorado C & Mining Co** Date **1/24/08**
 Mine, **No. 1** Sec. **15 T. 8 S R. 7 E**
 Located, _____ miles from **Eldorado**
 Location in mine, **Face of S. 250 feet SW. of shaft.**

GRAPHIC SECTION		DESCRIPTION OF SECTION (AT POINT SAMPLED)		
In.	No.	No.	(Note character and thickness of roof)	Inches
			Hard slate 2 feet	
		1	Coal	53.5
53.5	Coal		Hard dark fire clay	
			(Note character and thickness of floor) Total thickness of coal.	53.5
4.89				
36.53				
47.65				
10.93				
23 1/2				
		Condition, Dry	Time, 3 hr. 45 min.	
		Wt. Gross, 25 lbs.	Net, _____ lbs.	
		What Nos. shipped by Co.?		
		Excluded from sample: No.		
		Sample represents _____ in.	_____ tons.	
		Impurities? How do they occur?		

Sample No. **W-31** Can No. _____ Lab. No. **1095**

Collector, **Wheeler NB. 141 p. 98** Coal: Survey No. **5**
 Mine, **Eldorado 1. Co. Saline** Index No. **0615**

R.—COAL SAMPLE SHEET.

12, 298