



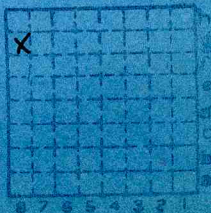
Form 180 Blue

Pure Coal Co.

S-1

mi # 85

212



Sec.

22

T.

20

R.

1

Index No.

(5828-2m)



3

TOWN Beckemeyer

TOWNSHIP

MAP No. 7

FARM

NW NW

R. 3W

COMPANY Breese Trenton Mining Co.

T.

Sec.

AUTHORITY

2N

22

ELEVATION

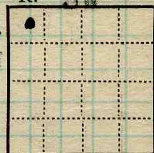
460.6 (W.B.R)

HOLE No.

COLLECTOR

RSB

DATE DRILLED



No.	Co. # 1612 STRATA	THICKNESS		DEPTH	
		FEET	IN.	FEET	IN.
	Drift	70		70	
	Limestone	9		79	
	Coal		4	79	4
	Black slate	10		89	4
	Light shale	9	5	98	9
	Blue shale	11		109	9
	Light shale	7		116	9
	Sandstone	7		123	9
	Light shale	24		147	9
	Sand	14		161	9
	Light shale	20		181	9
	Sand shale	5		185	9
	Light shale	44		229	9
	Black slate	2	4	232	1
	Rock	1	5	233	6
	Coal	1	3	234	9
	Sand shale	8		242	9
	Light shale	22		264	9
	Dark shale	16		280	9
	Rock	2		282	9
	Shale and slate	65		347	9
	Sandstone	2	5	350	2
	Black slate	3		353	2
	Fire clay	14	5	367	7
	Flint rock	4	5	372	
	Blue slate	4		376	
	Black slate	10		386	
	Boney		5	386	5
	Coal No. 6	8	7	395	
	Fire clay	4		399	
	Rock	5		404	

2432

County Clinton
T.—DRILL RECORD.

Index No. 0722



Mine originally operated by: (1)

Date **1904** **Buxton Coal Company**

No production

Original name or number:
Illinois Coal Report

See 1954 Coal Reg't 'g' 73

p.

LATER OPERATORS

Date	Operator	Name or No.
2 1905	Breese-Trenton Mining Co.	Beckemeyer
3 1932	Beckemeyer Coal Co.	
4 1943	Beckemeyer Coal & Mining Co.	
5 1945	Buxton Coal Co.	
6 1946	Pure Coal Co.	
7		
8		
9		
10		
11		
12		
13		
14		

*Also owners

#See ownership sheet

Railroad, Wagon, Strip, Idle, Abandoned

Shaft 4151

IDENTIFICATION

County No. **212**

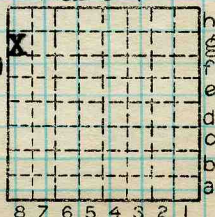
Coal No. **8**

Coal Report No. **S-1**

6

Quad. **228**

County **Clinton**



Sec. **22**

T. **2** N. **X**

R. **3** W. **X**

Index No.

0722 g8

COAL MINE OPERATOR



No.	Period						Tons	
	Mo.	Day	Year	Mo.	Day	Year		
1	1	1	1936	12	31	1936	81	536
						1927	147	461
						1928		
						1929		
1	1	1	1937	12	31	1937	93	504
S-1	1	1	1938	12	31	1938	59	825
						1939	56	293
						1940	63	620
S-1	1	1	1941	12	31	1941	61	043
S-1	1	1	1942	12	31	1942	35	363
						1943	76	693
						1944	84	654
						1945	22	879
						1946	52	710
						Jan.-Mar		
						Sept.-Nov		
								36352

#1

SUMMARIES

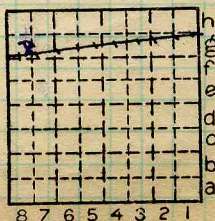
No.	to	No.	Tons
1904		1935	5067 597
1936		1946	849 054
		Total	5916 651

-Railroad, Wagon, Idle, Abandoned

IDENTIFICATION

S-1

County No. 212 Coal No. #6
 Carlyle
 Quad. 228 Part
 County Clinton



Sec. 22

T. 2 N.
 R. 3 W.
 Index No. 0722 g8

COAL MINE-PRODUCTION



LOCATION AND ELEVATION

Location: N. side B. & O.S.W. side side Highway No. R.R. R.R.

on top. map Location sheet Map Files #2-14-11D

Elevation: Method, 1. Est. () ft. 2. Inst. (kind PT) 457.9 ft.

By NB 600 WBR. p.15- DEPTH 198 Data sheet

Authority To coal 450 (1939) ft. Authority Rail to rail 416 ft. Top of coal above rail. (Est. Rule) To coal 432 ft.

- Hoistg. shaft -

ALTITUDE OF TOP OF COAL

By estimated data By instrumental data 25.9 ft.

Thickness Max. 108 in. Min. 90 in. Aver. 96 in. 90

GEOLOGICAL DATA

Mine notes, date 1909 1912 Coop No. 85 Pyr. inv. Coal Ash inv.

CHEMICAL DATA

Analyses Face U. I. 5052-3-4 B. M. Others #172,2636 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

Classification

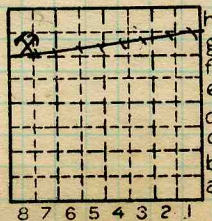
Misc. tests: Coking. Cleaning Boiler

Published descriptions:—

Railroad, Wagon, Idle, Abandoned

IDENTIFICATION

County No. 212 Coal No. 6 Coal Rept No S1. Part Quad. 228-Carlyle County Clinton



Sec. 22 T. 2 N. S. R. 3 W. Index No.

0722.88

COAL MINE LOCATION AND DATA



COAL MINE NOTES.

COUNTY *Clinton* TOWN *Beckemeyer* MAP No.

0722

T. *2N* R. *3W* S. *21 NE 1/4*
NW 22

OPERATOR *Breese Trenton Coal Co*
OFFICE *Beckemeyer*
MINE *Beckemeyer (or Buxton)*

USED IN DUOP. REPT. 1913.

TIPPLE
ENGINES
BOILERS
DRUM
SHAFT
HAULAGE
CARS
VENTILATION

CAGE

DRAINAGE
SPRINKLING
WORKING SYSTEM
MINING METHODS

*Shooting off solid; Coal roof 16", slate very bad
Fault (erosion) Top slate has big pots of Fe S₂*

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

0722

COST OF LAND OWNED LEASED HELD IN FEE

ADDITIONAL NOTES



COAL MINE NOTES.
CONTINUED.

OPERATOR *Breese Trenton Coal Co* MINE *Beckenmeyer*
 ENTRANCE *Shaft* NAME OF COAL BED *#6*
 ELEVATION *455* THICKNESS OF COAL
 DEPTH TO FLOOR *Shaw 320* MIN. AV. *96"*
 ALTITUDE OF COAL *600 435* MAX. *USED IN COOP. REPT. 1912.* *Grout - 84"*
 LOCATION OF SECTION *Room 24 2nd W. entry on south side*

No. SECTION.

No.	SECTION.	In.
1	Sandstone	
2	Coal (irregularities - of dirt & suff.)	56"
3	Sh	7/8"
4	Coal	10"
5	Coal - traces of dirt	6"
6	blue band	1 1/2"
7	Coal	4"
8	Sulfur	7/8"
9	Coal	19 1/4"
10	Clay	
11		
12	above from Shaw	
	Tape	Total

SECTION

Feet

SAMPLE No.

CAN No.

CONDITION

GROSS WEIGHT

TIME EXPOSED

NOT SHIPPED

NOT INCLUDED

PHYSICAL PROPERTIES BY NUMBERS

ROOF *Rock, 1s + 1' bk at 2'; coal roof 16"*

FLOOR *Fine clay 25"*



DIP
 FAULTS, ETC.

GAS

COLLECTOR *Grout
 Shaw*

REFERENCE *NB. 7 p 44
 loose leaf*

0727
 DATE *0722
 7/24/09*



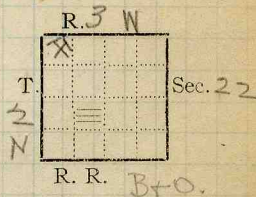
COAL MINING INVESTIGATIONS
COOPERATIVE AGREEMENT

Mine Name or No., Buxton
mile from At Beckemeyer.

Operator, 1912

Breese-Trenton Mining Co. 1912-1913

Operator, 191 Jos. Thorand.
Supt.



Entrance, Shaft. Elev. 458 ft. { above,
below, same as RR. sta.

Depth to bottom coal, 440 ft. Alt. 18'

SURFACE DATA.

A. Topography Level. See

B. Surficial materials, (1) Character

(2) Thickness, (3) Effect on mining and shaft-sinking, of former drainage lines, underground water strata, etc.

Grant & Thorand
Mailing List for all.

C. Outcrops, (1) Character, See

(2) Structure, See

(3) Fossil horizons Collection from shaft dump. See

Collection No.,

(4) Evidences of subsidence, See

D. Note collection of mine maps, drill records and shaft logs.

Thos Grant
Beckemeyer. } Write regarding
helmet work. **X**

See drill record sheet.

E. Notes on surrounding area,

O.W. Ingels. Engr.
Cartyle, Ill.
Spec. Kaolin.
Examine & rept.

See

Coal bed name: Local, # 6

Collector, Kay.

Mine, Buxton

L.—SURFACE SHEET (Geol.)

Survey

State No.

Co-op. No.

14 0722

85

Co. Clinton



UNDERGROUND DATA (cont'd.)

- K. (5) Physical character of coal in benches,
- (a) Relative hardness, *Bottom hardest.*
- (b) Lustre,
- (c) Fracture,
- (d) Texture, See
- (6) Impurities in coal, other than bedded,
- (a) Kind, *CaCO₃ + CaSO₄.*
- (b) Position and persistence, *Less than at
Centralia & Odin*
- (c) Rejected, Ease of separation, See
- L. Floor: (1) Material *Clay.*
- (2) Thickness *up to 8'*
- (3) Variation *Below top 2' very impure.*
- (4) Note character, condition, tendency to heave, relation to undercutting commercial value.
*Heaves badly.
Solid shooting.*
- (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.

Cleat S.W.-N.E.

See

Collector, *F.H. Kay*
Mine, *Buxton*

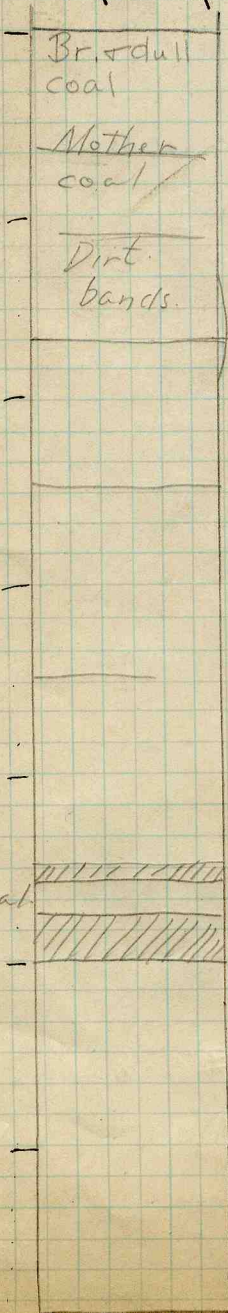
Coal # *6*
Co. *Clinton*

State No. *0722*
Co-op. No. *85*

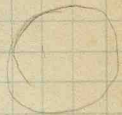


Room 19

Top coal up Top coal. 1 1/2'



Much less CaSO4 than Odessa or Centralia.



At this horizon usually streak Sulph.

Sulph.

Filled with small dirt bands. Laminated, Bright + dull

2" clean coal

Dirt band. Part of blue band.

2 1/2" Shale brown.

A few dirt bands. Much harder coal.

Beckmeyer

85.

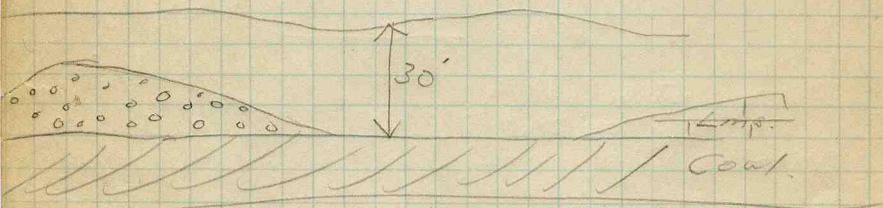
0722

Clinton

The coal at Buxton mine contains about as much dirt as at Odin & Centralia. Only difference appears to be the smaller amount of $CaSO_4$ in fractures.

The ~~mine~~ is regular in thickness and shows no specially interesting features.

Near shaft, the limestone cap was replaced by shale (erosion dep.) Shale 3.0 ft thick. All fell.



Buxton # 85



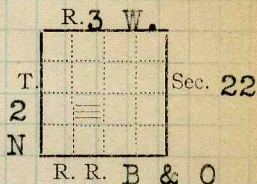
COAL MINING INVESTIGATIONS
COOPERATIVE AGREEMENT

Mine Name or No., **Buxton**
mile from **at Beckemeyer**

Operator, 191 **2**
Breese-Trenton Mining Co.

Operator, 191 **Jos. Thorand**
Supt.

Entrance, **Shaft** Elev., **458** ft. { above, Same as **R. R. Station**
Depth to bottom coal, **440** ft. { below, Alt. **18'**



to top **432** SURFACE DATA.

A. Topography **Level** See
B. Surficial materials, (1) Character

(2) Thickness, (3) Effect on mining and shaft-sinking, of former drainage lines, underground water strata, etc.

Grant & Thorand
Mailing List for all.

C. Outcrops, (1) Character, See
(2) Structure, See
(3) Fossil horizons **Collection from shaft** See
Collection No., dump.
(4) Evidences of subsidence, See

D. Note collection of mine maps, drill records and shaft logs.

Thos. Grant { Write regarding
Beckemeyer { helmet work.

See drill record sheet.

E. Notes on surrounding area,

O. W. Ingels, Engr.
Carlyle, Ill.
Spec. Kaolin.
Examine and report/

See

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

Collector, **F. H. Kay**

Mine, **Buxton**

Co. **Clinton**

Survey

-State No. **0722**

Co-op. No. **85**



UNDERGROUND DATA (cont'd.)

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

(a) Relative hardness, **Bottom hardest**

(b) Lustre,

(c) Fracture,

(d) Texture, See

(6) Impurities in coal, other than bedded,

(a) Kind, **CaCO₃ & CaSO₄**(b) Position and persistence, **Less than at
Centralia and Odin**

(c) Rejected,

Ease of separation, See

L. Floor: (1) Material **Clay**(2) Thickness **Up to 8'**(3) Variation **Below top 2' very impure.**

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

**Heaves badly.
Solid shooting.**

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.

Cleat S.W.-N.E.

See

Collector, **F. H. Kay**Coal **No. 6.**State No. **0722**Mine, **Buxton**Co. **Clinton**Co-op. No. **85**



The coal at Buxton mine contains about as much dirt as at Odin and Centralia. Only difference appears to be the smaller amount of CaSO_4 in fractures.

The mine is regular in thickness, and shows no specially interesting features.

Near shaft the limestone cap was replaced by shale (erosion and deposit). Shale 30 ft. thick. All fell.

Buxton No. 85

0722

Clinton County



COAL MINING INVESTIGATION

COOPERATIVE AGREEMENT

Operator, Breese-Trenton Mining Co. Date, 7-2 1912
 Mine, Buxton Located 4 miles* E from Beckemeyer
 Location in mine, Last cross-cut on Main South
 Total (vertical) depth from surface at point of sampling, 425 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 tippel).

SECTION OF BED AT POINT SAMPLED

No.	DESCRIPTION	FEET	INCHES
1	<u>Top Coal Sample</u>		
2			
3			
4			
5			
6			
7	<u>1</u>		
8	<u>Roof - Gray Shale</u>		
9	<u>Coal-dirt + Sulphur</u>	<u>1</u>	<u>4</u>
10	<u>Streaked</u>		
11			
12			
13	<u>@ Sample obtained from roof where fall was several days old.</u>		
14			
15			
16			
17			
	TOTAL,		<u>16</u>

Is coal wet or dry? - dry

Time exposed, 0 hours, 20 minutes.

Weight, 25# gross, net.

What are the impurities, and how do they occur? sulphur as pyrite + bone hor bedded. CaSO4 on cleat.

What are shipped? _____

What are excluded from the sample? _____

Coal bed, #6

*Direction (N., NE., etc.).

†Nearest railway station.

Town, Beckemeyer Mine, Buxton Co. Breese-Trenton

Sample No. 85 Can No. I.S. 541 No. 183

I.-COAL SAMPLE SHEET. Sampler, Nebel & Smith 0722

#5051



COAL MINING INVESTIGATION

COOPERATIVE AGREEMENT

Operator, ~~Brook-Trenton Min. Co~~ Date, 7-2-1912
 Mine, ~~Buxton~~ Located $\frac{1}{4}$ miles* ~~5~~ from ~~Beckemeyer~~
 Location in mine, Face of ~~64 E~~ off South
 Total (vertical) depth from surface at point of sampling, 425 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 tippel).

SECTION OF BED AT POINT SAMPLED

No.	DESCRIPTION	FEET	INCHES
x 1	Roof-Top coal-greyshale above		
2	Coal - clean bright.	3	5 1/2 ✓
x 3	Sulphur-pyrite		1 3/4 ✓
4	Coal - clean	1	2 ✓
x 5	Bone		2 ✓
6	Coal		1 ✓
x 7	Bone		
8	Coal		
9			
10	<u>Floor - fire clay</u>		
11	Face had been exposed about a month but a deep cut was made in solid rib to fresh coal.		
12			
13			
14			
15			
16			
17			
	TOTAL,	6	10 1/4 ✓

Is coal wet or dry? -dry ✓
 Time exposed, 0 hours, 45 minutes.
 Weight, 80# ✓ gross, net.
 What are the impurities, and how do they occur? pyrite & bone in hor. streaks - pyrite in vert. streaks
 What are shipped? 2, 4, 6, 8
 What are excluded from the sample? 1, 3, 5, 7

Coal bed, # 6 ✓

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

Town, ~~Beckemeyer~~ Mine, ~~Buxton~~ Co. ~~Brook-Trenton~~
 Sample No. 85 B ✓ Can No. ~~31~~ No. 85 Mining Co. -
 I.-COAL SAMPLE SHEET. Sampler. Nebel + Smith

5052



COAL MINING INVESTIGATION

COOPERATIVE AGREEMENT

Operator, Breese-Trenton Min. Co. (Date, 7-2 1912)
 Mine, Buxton Located 1/4 miles* E from † Beckemeyer
 Location in mine, Face of Main South
 Total (vertical) depth from surface at point of sampling, 425 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
x1	Roof-top coal-grayshale above		
2	Coal-dirt & sulphur streaked	4	11 $\frac{1}{2}$
x3	Bone		1 $\frac{1}{2}$
4	Coal	1	11
x5	Floor - Fire clay		
6			
7			
8	Face had been exposed a boot		
9	a month, but a deep cut was		
10	made in solid rib to fresh coal		
11			
12			
13			
14			
15			
16			
17			
	TOTAL,	07	0

Is coal wet or dry? -dry
 Time exposed, 0 hours, 55 minutes.
 Weight, 60# gross, net.
 What are the impurities, and how do they occur? pyrite, mother of coal & bone bedded horizontally.
 What are shipped? 2, 3, 4
 What are excluded from the sample? 1, 3, 5

Coal bed, #6

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

Town, Beckemeyer Mine, Buxton Co. Breese-Trenton Mining Co.
 Sample No. 85A Can No. STD 2 No. 85

I.—COAL SAMPLE SHEET. Sampler. Nebel + Smith — 0722
#5054



COAL MINING INVESTIGATION

COOPERATIVE AGREEMENT

Operator, ~~Breeze-Trenton~~ Min. Co Date, 7-2-1912
 Mine, ~~Buxton~~ Located $\frac{1}{4}$ miles* E from Beckemeyer.
 Location in mine, Face 305 E of North
 Total (vertical) depth from surface at point of sampling, 425 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 tippel).

SECTION OF BED AT POINT SAMPLED

No.	DESCRIPTION	FEET	INCHES
X 1	Roof-top coal		
2	Coal - clean	1	5 $\frac{1}{4}$
3	Pyrite		
4	Coal - fairly clean	1	3 $\frac{1}{2}$
5	Mother of coal - soft		$\frac{1}{2}$
6	Coal - clean	1	9 $\frac{3}{8}$
X 7	Pyrite		
8	Coal		2 $\frac{1}{8}$
X 9	Bone & pyrite		1
10	Coal - clean bright	1	3 $\frac{3}{4}$
11	Mother of coal - soft		$\frac{1}{4}$
12	Coal		8
13			
14	Floor - fire clay		
15	Face had been exposed about a month, but a deep cut was made to fresh coal		
16			
17			
	TOTAL,	6	8 $\frac{1}{8}$

Is coal wet or dry? - dry ✓
 Time exposed, 0 hours, 35 minutes.
 Weight, 50# gross, net.
 What are the impurities, and how do they occur? pyrite, bone, and mother of coal, horizontally bedded
 What are shipped? 2, 3, 4, 5, 6, 8, 10, 11, 12
 What are excluded from the sample? 1, 7, 9
 Coal bed, #6 ✓

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

Town, Beckemeyer Mine, Buxton Co. ~~Breeze-Trenton~~ Mining Co.
 Sample No. 85 G Can No. STD 28 No. 85-10722

I.—COAL SAMPLE SHEET. Sampler, Nebel & Smith

#5053 clinton

MEMORANDUM

TO: Dr. M. M. Leighton, Dr. G. H. Cady, and Dr. A. H. Bell
FROM: L. C. McCabe and G. V. Cohee
DATE: February 5, 1938
RE: Visit to oil seepage in coal at Beckemeyer mine, Clinton County

Mr. Herrington of the Department of Mines and Minerals telephoned on February 2 to inform us of the oil and gas seepage in the coal at the Beckemeyer Coal Company's mine at Beckemeyer, and to tell us that Mr. David T. Stuart, State Mine Inspector for the District would accompany someone from the State Geological Survey to inspect the occurrence. The writers visited the mine on February 3 with Mr. Stuart and Mr. Nordman, County Mine Examiner.

In the 2nd south off the 10th west off the main south an east-west brecciated zone of coal about 12 inches in width crosses the room, extending from floor to roof, the break being essentially vertical. There has been practically no vertical displacement of the seam along the break. The solid coal on either side of the break is even as though the parting were along a cleat face. The coal filling the space between the solid coal is in extremely fine particles but contains no impurities from the roof or floor.

On the west side of the second south "stub" salt water was seeping from the roof and upper brecciated zone at the rate of about one quart a minute. Associated with the salt water was a small amount of black, sticky, thick oil. The character of the oil suggested that the lighter constituents had evaporated. A number of oil bubbles were present in east-west cracks in the roof south of the fault.

In 1937 W. C. McBride, Inc., drilled a dry hole to a depth of 1204 feet on the Holtgrave farm in the NE 1/4, SE 1/4, section 28, T. 2 N., R. 3 W. This well was drilled 1/2 mile south of the fault which was in the southeast corner of section 21, T. 2 N., R. 3 W. It was apparently drilled on a coal high as the coal was found at an elevation of +68 feet and the elevation of the coal at the mine shaft was +21 feet. The coal in the mine began to rise at a point about 1500 feet south of the mine shaft and continued to rise to the fault, a distance of 2000 feet. A show of gas was reported in the Holtgrave well at the elevation of -218 and a show of oil and gas at the elevation of -438 feet.

A mile and a half north of the mine is the Carlyle Pool which is located in sections 2, 3, 10, and 11, T. 2 N., R. 3 W. The producing formation is the Carlyle sand and is reached at a depth of about 1000 feet, 588 feet below the coal.

The Bartelso oil field which is 2 1/2 miles south of the most southern extension of the mine has production in the Carlyle sand at a depth of about 1000 feet, 550 feet below the coal.

It is not possible to determine the exact source of the oil as it may have migrated from above or below the coal bed. The extent of the fault cannot be determined as it is exposed in only the one place at present. The extent of the fault upward is obscured by coal left in the roof. However, it is established that the oil and salt water are coming from the fault zone. At the time of our visit to the mine no gas was coming from the fault but it is probable that gas has been associated with the oil and salt water and was released by mining into the fault zone.

It is reported that three men were killed in the room described above on January 24 and two were killed in the adjoining room to the east in the latter part of December from explosions of gas. Several others were severely burned in these two explosions.

These are tragic examples of hazards in coal mines where geological conditions are such as to permit the entrance of oil and gas from adjacent strata.

We feel that the Department of Mines and Minerals and the State Mine Inspector are to be commended on the introduction of safety lamps and other rigid safety measures in this mine. We believe it advisable to consider introduction of similar precautions in other cases where the mines are liable to encounter geological conditions which may result in fire or explosion hazards from oil and gas.



Operator, Beckemeyer Coal Co.

Date 2-3-38

Mine, Beckemeyer

Sec. T. R.

Location in mine, 2nd South OFF 10th West OFF MAIN South, location is about on SE. cor. of sec. 21.

GRAPHIC SECTION		DESCRIPTION OF SECTION (AT POINT SAMPLED)		
In.	No.	No.	(Note character and thickness of roof)	Inches
			<p>Main S.</p> <p>1st S. 2nd S.</p> <p>Roof coal</p> <p>Broken and powdered coal. No slate or Foreign impurities</p> <p>Blue band</p> <p>UNDER clay</p> <p>2 men were killed by gas explosion late in Dec. 1937 in the 1st S. off 10th west. Set off early in morning by open lamps. 3 were killed in same way, same time of day in 2nd s. coal in 1st south undercut but not shot down at time of our visit. However large section</p> <p>(Note character and thickness of floor)</p> <p>Total thickness of coal.</p> <p>had fallen as though fault crossed through the room.</p> <p>Condition, Time, hr. min.</p> <p>Wt. Gross, lbs. Net, lbs.</p> <p>What Nos. shipped by Co.?</p> <p>Excluded from sample: No.</p> <p>Sample represents in. tons.</p> <p>Impurities? How do they occur?</p>	
(1 division=3 in.)				

Sample No. Can No. Lab. No.

Collector, L. C. McCabe & G. V. Cohee Coal: Survey No. 6

Mine, Beckemeyer Co. Beckemeyer Coal Index No. 0722.98

R.—COAL SAMPLE SHEET. C. (12759—1000—2-29)

ILLINOIS GEOLOGICAL SURVEY, URBANA

January 21, 1939

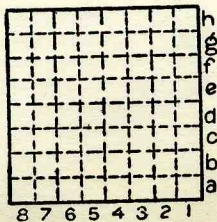
Beckemeyer Coal Col - 420' to coal

There is a log of this shaft, but they were unable to locate it.

By.....Date.....

Quad.....Part.....

County Clinton.....



Sec. 22

T. 2	N.
R. 3	W.