



Mine originally operated by: (1) **JAMES HOWERTON**

Date 1937

Original name or number:
Illinois Coal Report _____ P. _____

LATER OPERATORS

Date	Operator	Name or No.
2 1942	KNICKEBOCKER & Mc SPARIN	1
3 1946	BARBARA-KAY COAL CO.	#1
July 4 1965	Barbara Kay Coal Co.,	INC.
5		
6		
7		
8		
9		
10		
11		
12		
13		
14	SE SW (OPERATOR'S REPT '48)	

D.M.M. 10/57:
18-95-4E SE SW
108' to 4'6" of No. 5.

*Also owners #See ownership sheet

Railroad, Wagon, Strip, Idle, Abandoned

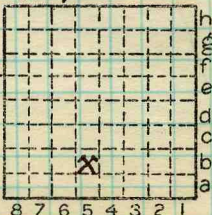
SLOPE

IDENTIFICATION

County No. 1660
Coal Report No. L-47
Quad. MARION 272
County WILLIAMSON

Coal No. 5

□
4'0"
(48)



Sec. 18

T.	N.
9	S.
R.	E.
4	W.
Index No.	

COAL MINE OPERATOR



Howerton

(Sheets)

COAL PRODUCTION

(Sheet)

Period		Tons
Mo. Day Year	Mo. Day Year	
LOCAL	1938	1 707
"	39	8 494
"	40	17 007
"	41	7 325
"	42	1 679
"	43	12 916
"	44	64 056
"	45	5 908
"	46	0 000
"	47	0 000
Shipping	JAN. Dec. 48	20 186
(no prod. July-Oct)		
LOCAL	1949	23 526
LOCAL	1950	36 669
	1951	45 676
	1952	45 258
	1953	55 845
	1954	55 655
	1955	61 988
	1956	57 620
	1957	64 061
	1958	61 029
	1959	35 927
	1960	42 799
	1961	44 836

SUMMARIES

No.	to	No.				

Railroad, Wagon, Idle, Abandoned *SLOPE*

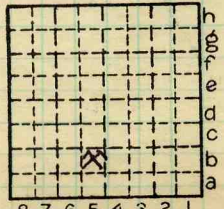
IDENTIFICATION

L-47

County No. *1660* Coal No. *5*

Quad. *MARION* Part

County *WILLIAMSON*



Sec. *18*

T. *9* N.
 S. *4* E.
 R. W.

Index No.

0818 B5

Illinois State Geological Survey

Barbara Kay Coal Company, Sample #1

Roof Shale, gray, somewhat carbonaceous.
Thick:

1.15'	0.00' - 1.15'	Coal normally bright banded.
.04'	1.15' - 1.19'	Coal, dull, probably higher ash.
.68'	1.19' - 1.87'	Coal normally bright banded; some thin fusain lenses.
.01'	1.87' - 1.88'	Fusain; soft; somewhat shaley.
1.35'	1.88' - 3.23'	Coal normally bright banded.
.04'	3.23' - 3.27'	Coal with many shaley streaks and fusain lenses.
.46'	3.27' - 3.73'	Coal normally bright banded with some fusain lenses.
.43'	3.73' - 4.16'	Coal finely laminated with several highly pyritized fusain lenses up to .01 thick.

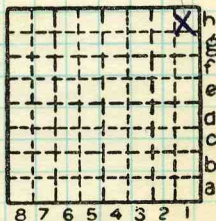
Underclay: gray, soft, with plant remains,
mainly rootlets.

Main cleat directions (azimuths):

21, 28, 110, 26, 24, 26, 25, 23, 31, 24, 35,
34, 24, 114, 105, 21, 148, 136, 150, 156,
142, 145
(20-30° set is most prominent)

Seam total: 4.16 feet = 50 inches = 1.27 m

Slope located SE SW Sec. 18-9S - 4E



By HHD, NHB, & Mura Date July 31, 1970

Quadrangle _____

County Williamson, Illinois Sec. 18 T. 9S R. 4E
2100'E, 2100'N, center Sec. 18; 1/2 mile N. of
Crab Orchard

Illinois State Geological Survey

Barbara Kay Coal Company, Sample #2

Roof Thick:	Gray shale	
.03'	0.00' - .03'	Coal, boney.
1.30'	.03' - 1.33'	Coal normally bright banded with a few thin fusain partings.
.02'	1.33' - 1.35'	Fusain, soft, lenticular.
.77'	1.35' - 2.12'	Coal normally bright banded.
.01'	2.12' - 2.13'	Fusain, highly pyritized in part up to .04 thick.
1.15'	2.13' - 3.28'	Coal, mostly finely laminated, fairly dull.
.03'	3.28' - 3.31'	Coal, with many shaley lenses, pyritized.
.65'	3.31' - 3.96'	Coal normally bright banded, some pyritized fusain lenses in lower portion.

Underclay

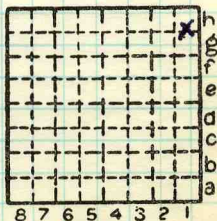
Main cleat directions (azimuths):

22, 30, 156, 161, 27, 40, 31, 151, 32, 35,
41, 35, 24, 29, 115, 25, 110, 49, 20, 55,
18, 38, 40

Seam total: 3.96 feet = 47.5 inches = 1.21 m

By HHD, NHB, Murali Date July 31, 1970

Quadrangle _____



County Williamson, Illinois Sec. 18 T 9S R 4E
2100'E, 1900'N, center Sec. 18

Illinois State Geological Survey

Barbara Kay Coal Company, Sample #3

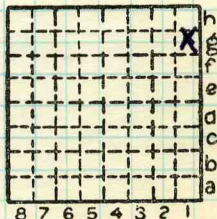
Roof Thick:	Gray shale, soft.		
.03'	0.00' - .03'	Coal, boney, finely laminated.	
.45'	.03' - .48'	Coal normally bright banded, pyritized plant remains up to .15 feet thick, usually several feet apart.	
.77'	.48' - 1.25'	Coal normally bright banded with few fusain lenticles.	
.02'	1.25' - 1.27'	Fusain, soft, somewhat shaley.	
1.8'	1.27' - 3.07'	Coal normally bright banded.	
.05'	3.07' - 3.12'	Coal, boney, shaley streaks, in part pyritized.	
.90'	3.12' - 4.02'	Coal normally bright banded, fusain lenses, mostly pyritized.	

Underclay: Soft, rootlets. Only one inch visible.

Seam total: 4.02 feet = 48 inches = 1.22 m

By HHD, NHB, Murali Date July 31, 1970

Quadrangle _____



County Williamson, Illinois Sec. 18 T. 9S R. 4E
 2100'E, 1700'N, center Sec. 18

Barbara Kay mine tippel. Located just north of Craborchard, Ill.

June 29, 1966

We observed the burning of coal storage bins and loading facilities on the east side of the road leading to the tippel.

The following burned.

- 3 loading bins
- 3 silo-type storage bins, each of which was partly full of coal. Silos were concrete.
- East end of overhead conveyor belt above tippel road.
- All of loading equipment between three south silos and single silo to north.
- North silo sustained partial fire damage

Loading bins were pulled down by a Barbara Kay payloader to aid in putting out the fire.

Local fire trucks were not successful in controlling the fire until losses were extensive. \$50,000 damage was reported by a local T.V. station.

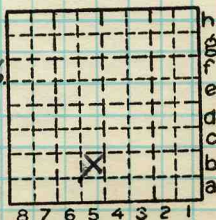
Ayrshire Collieries supplied two drill trucks with hoses. IT took 2 hours to put out the fire. A fire in the summer of 1965 did \$100,000 damage to equipment west of the road.

Barbara Kay Mine

By F.N.M., K.E.P. Date June 29, 1966

Quad. Part

County Williamson



Sec. 18
T. 9 S.
R. 4 E.
Index No.



JUL . 66

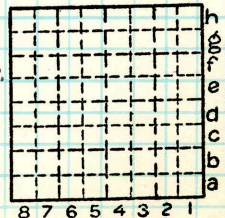


Aleen maar brand

Barbara Kay Tipple burning.
By *F.N.M. & K.E.P.* Date *June 29, 1966.*

Quad. _____ Part _____

County _____



Sec. _____
T. _____ N.
S. _____
E. _____
R. _____ W.
Index No. _____



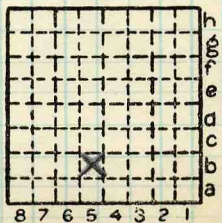
Supt. - Leon King - P.O. Box 588, Marion
slope mine 108' to 4'6" coal

Barbara Kay C.C.
#5 coal

By Date

Quad. Marion Part

County Williamson #1660



Sec. 18
T. ~~N.~~ 9 S.
R. 4 E.
W.
Index No. L-47

