John C. Moore Corporation, Rochester, N. Y. Binder and holes in leaves Patented. 2407


Mine originally operated by:

Original name or number: \#9
Hlinois Coal Report $7978+19540^{.73}$

2

3
4.

5

6

7

8

9

10

11

12

13

14
$890^{\prime}$ N. $80^{\circ} \mathrm{W}-\mathrm{SE}$ cor $\mathrm{NW}^{\prime} / 4$ ( 1948 )

- Also owners \#See ownership sheet

Railroad, Wagon, Idle, Abandoned Shaft $410^{\prime}$

Quad. Taylorville


Sec. 19

County Christian


COAL MINE OPERATOR

John C. Moore Corporation, Rochester, N. Y. Binder and holes in leaves, each Patented 1006. 354228


John C. Moore Corporation, Rochester, N. Y. Bincer and holes in leaves, each Patented 190f, $3^{66428}$

Location:
on top. map

LOCATION AND
side
side
R. R.
side Highway No.


Published descriptions:-

## Location and Elevation Data

Location:ExactApproximate(Approximate only if no trace of record of original exists)
Christian County Ma?
Location by.
Notebook No. Page Date
Looseleaf ref.
Map files No.
Description of location
Position in sec., $1 / 4$ sec., 40 acres
1......... feet from North line2700feet from East linefeet from South linefeet from West line
Farm ..... No.
Other description:
Company Pes bodr....os!. .Co.
MN 1921

No.. $\ldots 9$
County No. 6.0


Farm. No.

## 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.).SHIPPING.MINE

## County

Quadrangle
Christian
Taylorville
13488-1M-9-36 4
County $\# 60$

## Location and Elevation Data

(Approximate only if no trace of record of original exists)
Location by
Date
Notebook No.
Page 45
Looseleaf ref.
Map files No.
Description of Location
Position in sec., $1 / 4 \mathrm{sec}$., 40 acres
feet from North line
2325 feet from East line
3275 feet from South line
from West line
Other description:



Farm


No.
County No.
Elevation.... $609,5 / 0,5 \mathrm{ft}$.
By. W, W son
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.) air shaft \# 9 mine
$\sqrt{ }$ County Christian Quadrangle Taylorville Index No.
(36031G-500re (6-20ipgration, Rochester, N. Y. Binder and holes in leaves, each Patented 1906. Mine Name or No. $q$ Mine Address Taylor vile.......................... Operator Peabody Coal Co Main Office Address 20 N Wacker Proc Chicago
Location of Mine:
Township Name -................................................atty
Section No. 19 Township 13 N
Indicate location of mine and position of $R$. R.
in plat of section below.


South
Surface landing is ................feet above sea level or about................eet (above)
(below) railroad station at $\qquad$ (nearest town).

Depth to top of coal is 410 feet.
Average thickness of coal is $\quad$ feet

Coal Bed Name
Counts Lhrist16n

Survey No...- 6
Index No. $\qquad$
V-MINE LOCATION SHEET.

Operator, Peabody Coal Co Date July 29. 1931 $\begin{array}{llll}\text { Mine, } & \text { No } 9 & \text { Sec. } 19 \text { T. } 13 \mathrm{~N}^{\text {R. }} 2 \mathrm{~W} \\ \text { Location in mine, }\end{array}$


Collector,
Mine, Peabody ${ }^{{ }^{9}}$
co. Christion Index No.
R. COAL SAMPLE SHEET.
$8200^{\circ}$ south and $400^{\prime}$ meat of shaft'

Operator, Peabody Col Co Location in mine,


Sec.

Date July 29, 1931

$17^{9}$ Went, $1^{\text {IVE Rom 6, 420 in (over) }}$
GRAPHIC SECTION

DESCRIPTION OF SECTION (AT POINT SAMPLED)


No.
(Note character and thickness of roof)
Inches

Limestone poof
90 "of Coal.
(12) Mu" pyrite
(II) "14" charcoal
(10) "1/4" charcoal
(9) I"pyuite hard.
(8) 12 charcoal p pyrite
(7) $1_{2}^{\prime \prime}$ to $3 / 4$ "charcoal
(6) $1 / 4$. charcoal
(5) $1 / 2$ " "
(4) $3 / 8$ " pyrite "Steel band
(3) Lamina of pyrite
(2) Blue Bund $13 / 4$ "hard blue clay
(1) Nard fire clay
(Note character and thickness of floor)
Total thickness of coal

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?

Collector, Bhyutilsa
Mine, Gesbrdy Ho 9 co. Chutians
R._COAL SAMPLE SHEET.

Coal: Survey No. Index No.
$4300^{\prime}$ North ane $1200^{\prime}$ East of Nair shaft.

Peabody Coal Company, Mine Ro. 9 Columns No. 12 and 13.
Mine No. 9 of the Peabody Coal Company is located about four miles northwest of Taylorville on the C. \& I. M. railroad. The mine had not been working for about a month previous to our visit, not during the month of July to be exact, but in the manner in which we got our samples thet fact did not affect their value.

Column No. 12 was cut from the face of an entry in new territory so there was no drying out of the coal due to years of exposure as would be the case of getting a sample in an entry being driven through a barrier pillar. In addition the column was sheared out with an oldroyd shearing machine and when the column was actually cut, it was at least two and a half feet in beyond the original face of the entry. To get the column two shearing cuts were made into the face, extending back into the coal about five feet and one foot into the shale roof and six inches into the floor. These shearing cuts were made about ten inched apart, the long dimension of the column. Then in the solid coal on the right side several parallek cuts were made for the purpose of getting out the coal so that access could be had to the side of the rib from which the column was cut. At least ten ton of coal was cut and shoveled back in order to get this one sample. This column was obtained in fairly good shape, but it would have been impossible to obtain one here in
degree of completeness had it not been for the courtesy of the management in providing us with such help and assistance. Due to the spacing of the partings in the seam the blocks were not the proper length to fit into three boxes so a half lenght box was made and numbered in the usual manner.

Column No. 13 was cut for the other side of the mine, in the face of a room and with about the same amount of coal removed from in front of it. This coal was under considerable more strain and the column was not as good as regards solidity of the individual peices were concerned. The roof at this point was limestone so consequently no cutting into the roof with the shearing machine was done.

Column No. 12 was cut at a point 8200 feet south and 400 feet west of the shaft while Column No. 13 was obtained at a point 4300 feet north and 1200 feet east of the shaft.

The officials of the mine are:
W. C. Argust, Div. Supt., Taylorville.
J. W. Starks, Supt.

Hardy, Mine Mgr.
Nat McFadden, Div. Engr.

Town, Jayloriviles
Lever: Auth., Jackson Young

Surface alt., 609.1
Depth to coal, 407
Alt. top coal, $202+$
Thickness: Av. 90
Max. 108 in., Min. 48
 23-11 (Show R.R.)

Location: authority, $\begin{array}{r}L \text { offer } \\ 3 / 15 / \\ \text { Mine notes. }\end{array}$. 3/15/18-4/so map. of III.
Location: authority, Lefter from Peabody Coal co.
Method, Plane Table 1929
R. r. Chillily Midland $\mathcal{G}+{ }^{+A}$,


Mine Name or No., $\square$
4 mile $w$ from laylorville Operator, 191

Operator, 191
 No. 9
Entrance, shaft Elev.,
Depth to bun coal, 402
ft. $\left\{\begin{array}{l}\text { above, } \\ \text { I below, }\end{array}\right.$
ft . Alt.

## Surface Data.

A. Topography, $\qquad$ See
B. Surficial materials,
(1) Character,
(2) Thickness,
(3) Effect on mining and shaft-sinking, of former drainage lines, underground water strata, etc. Mo information

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

Nat MCFadden, Taylorkille, II. Engr See drill record sheet,
E. Notes on surrounding area,

## See


F. Thickness of rock above bed worked,
(1) Important variations,


See
G. Note presence of strata having important effect on mining,
(1) Position, Fore

See
(2) Character,
(3) Persistence, $\qquad$
(4) Other workable coal beds,

See
H. Cap rock,
(1) Thickness,

Ho information.
(2) Height above coal,
$1 / 2 "$ to $3^{\prime}$

See
I. Immediate roof,
(1) Thickness,
$3^{\prime}$
(2) Contact with coal,
(3) Horizontal variation,

Gley $5 h$ in sE. See
J. Draw slate. (1) Thickness,
(2) Contacts
(3) Persistence,
K. Coal bed: Max. 108 Min. 48 Av. 90 inches
(1) Benches, (a) Position, Twa NOME Hbore \& below B.B.
(b) Persistence, Thruout mine
(2) Bedded impurities, kind, position in benches, persisthence, ease of separation.


See
(3) Irregularities in continuity of bed (due to deposition, erosion, or movement, $\qquad$
See
(a) Effect on mining,
K. (5 )Physical character of coal in benches,
(a) Relative hardness,
(b) Lustre,
(c) Fracture,
(d) Texture, See
(6) Impurities in coal, other than bedded,
(a) Kind, Pyrite lenses upto l"
(b) Position and persistence,
(c) Rejected, Lenses over / 2 Ease of separation,

See
L. Floor: (1) Material,
(2) Thickness,

12 at that
(3) Variation, 1 yo information
(4) Note character, condition, tendency to heave, relation to undercutting commercial value. Hard, medium grey clay, used undercut upon.

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. conditions ape excelent. tremome. The roof of the NAE is very dangerous and gives much trouble. There is a samery micaceous shale With many micaceous partings. resting directly uphnthe cool or with from $4^{\prime \prime}$ to 36" of massive black shale between Ht ord the coal. In someplacesthts Shale becomes sandstone. Above the ss, Is lime stane, accordingtothe miners. The medi.amgray, sandy, micacedus shale us from $6^{\prime \prime} \mathrm{to}^{2}$ " 32 thuckmess.
$\qquad$ Shelve parting of between the coat
and thelinestane. The limestone foss/liferaus.
the west us practis ally the same as theremaiみ A ;

John C. Moore Corporation, Rochester, N. Y. Binder and holes in leaves, each Patented 1906. 276953

Operator, Peabody Coal Co
Date
Mine,
Sec.
T. $13 / \mathrm{R}$.

Location in mine, Face of 2 nd 5. E



Mine, Peabody *9 Co. Christian Index No.0g19.46 R. -COAL SAMPLE SHEET.

Date Fug. 26, 1921
Operator, Peabody Coal Co. Sec. 19 T. 13 NR R 2 W
Located, $f \mathbb{W}$ miles from Taylorville
Location in mine,


Excluded from sample: No.
Sample represents in.
Impurities? How do they occur?




| Sample No. $N-21-136$ Can No. $21 z 27$ | Lab. No. $8 / 3 / 7$ |
| :--- | :--- | :--- |
| Collector, | Coal: Survey No. |

