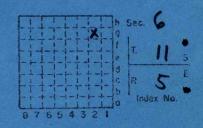
oration, Rochester, N. Y. Binder and holder Pate Form 180 Blue

104

E & L Coal Company

E & L COAL COMPANY (Strip Mine)

Mine Index No. 914 Coal Report No. L-3



I am sending you, under separate cover, twelve copies of the 1969 Annual Coal Reports, and am happy to do so.

Your request for the legal descriptions of the two coal companies are as follows:

Big Ridge Coal Co.
P. O. Box #C Carterville, Ill. 62918

> E & L Coal Company 1513 North State St.

Marion, Ill. 62959

Located: 5 miles east of Marrisburg Legal Description: NW4, Sec.19, T9S, R7E, 3PM, Saline County, Illinois -SW NENE

Located: 21 miles south of Stonefort.

Legal Description: SW4, Sec. 5, Tlls, R5E, Pope County, Illinois Enclosed are two letters, one from the Army Corps of Engineers, and the other from the Pennsylvania State University that were sent

to this office. Will you please, if you have any of this information, correspond with these people. I would appreciate it very much. I will certainly be looking forward to seeing you in Springfield

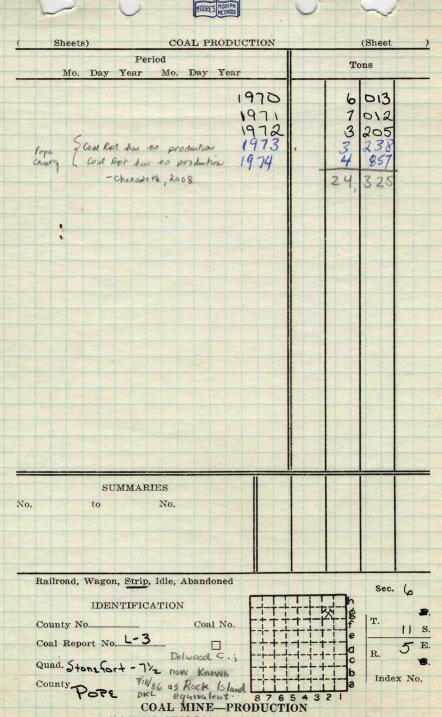
at the Mining Institute.

Warmest personal regards,

Yours truly,

Allbretht Zion Coal Co.

Joseph C. Tabor, Dept. of Mines & Minerals



(2732—2M—7-41) ILLINOIS GEOLOGICAL SURVEY, URBANA

2

ulinois State Geological Survey

F. C. Sample #2, E & L Coal Company

8'+ Unconsolidated soil and regolith.

4'+ Sandstone - weathered, not examined. 10'+ Shale - medium gray, well laminated,

Shale - medium gray, well laminated, relatively compact and fresh, darker near base, few Lingula brachiopods and plant fragments noted near base.

Coal (Delwood)

Underclay - not examined.

In coal prominent fractures: (1) N80E - dip 50°N (2) E-W-49°N (3) Cleat N15E (4) Cleat N22E (5) Cleat N18E (6) N70E-42°N

Coal, detail: (nothing excluded)

- 0-1.9' Coal normally bright banded, few fusain lenses, prominent 45-50° fractures with E-W trend (dip to N), yellowish staining on fractures, minor kaolinite on vertical fractures, relatively hard.
- 1.9'-2.9' Coal normally bright banded, much softer than above, relatively flaky, one ½" band shot through with vertical pyrite filled fractures near top, a .05' soft fusain band .4' from top of unit.

(a two part sample taken for R. Peppers, upper 2 ft. and lower 1 ft.)

By Hopkins & BostickDate Nov. 3, 1970

Quadrangle Stonefort - 75 87

Sec. 6 T 11S R 5E

County Pope (500 S. of #1)

ulinois State Geological Survey

F. C. Sample #1, E & L Coal Company

8'+ Unconsolidated soil and regolith.
6' Sandstone - badly weathered to yellowish-brown,
bedding relatively obscure.

4' to 8' Shale - medium gray to medium dark gray, relatively smooth, well bedded, relatively compact and unweathered, few Lingula and plant fragments noted near base.

Coal (Delwood)

2.81

. 3+

Underclay - medium dark gray, silty, hard, carbonaceous rootlets, dark gray in upper .1.

Detail of coal: (nothing excluded)

- O-0.60' Coal, normally bright banded, some yellowish weathered on fracture surfaces, minor kaolinite on vertical fractures mostly in vitrain bands.
- 0.60'-0.63' Fusain band, soft, unmineralized.
 0.23'-2.20' Coal, normally bright banded, yellow ish weathered and kaolinite as in top-most unit, some pyrite noted in thin horizontal lenses.
- 2.20'-2.27' Fusain, soft, some pyrite mineraliza-
- 2.27'-2.80' Coal, normally bright banded, seems to be better bedded than above and has polished surfaces on horizontal bedding, several thin

leaf impressions on partings.

By Hopkins & BostickDate Nov. 3, 1970

Quadrangle Stonefort - 7½

8765432

County Pope Sec. 6 T 11S R 5E

Coal outcrops in I.C.R.R. cut.

Maximum thickness 18 inches, dip apparently horizontal. Covered by massive sandstone.

- Field mapping indicates Gentry Coal DKL 7,8/86

By H.B.S. M.E.Q_{ate} 6/54

Quad. 273

Part

County Johnson POPE

8

Sec. 31

T. 11 s

C R. 5

Index No

(manusa) 2

(87469-10M-10-49) ILLINOIS GEOLOGICAL SURVEY, URBANA