

#697

WILL SCARLET MINE

See Also Williamson County

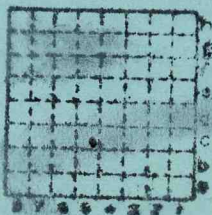
Sec. 24, T10S, R4E

(Hipple location)

STONEFORT COAL CO

Will Scarlet

Index 697



Sec. 16

T. 10 N. S.

R. 5 E. W.

Index No.

SALINE COUNTY

Strata	Thickness	Top	Bottom
Stonefort Coal Co., Test pit NE, SE, NW, Sec. 8, T. 10S, R. 5E. No. 4 Coal, approx. 15 ft. from surface			
1'11½" = Total thickness			
<u>Sample #1</u>	June 28, 1963 Gluskoter and Baker	Inches <u>From</u> <u>To</u>	
Black shale top			
Coal, normally bright banded, few thin pyrite lenses in top 2". Some pyrite on vertical cleats. 1/16" fusain bed at base		0	5
Coal, normally bright banded, minor pyrite and calcite on cleats. Coal extremely uniform throughout		5	23½
Underclay bottom			
Note: Sample taken at North end of small pit with 4' of unweathered rock above it.			
* M1697 test pit will scarlet more area			

Strata	Thickness	Top	Bottom
Stonefort Coal Company Test Pit NE, SE, NW, Sec. 8, T 10S., R. 5E No. 4 coal approx. 15 ft. from surface Total thickness = 24"			
Sample #2 June 28, 1963 Gluskoter and Baker			
Coal extremely uniform throughout, fine to medium banded. Some calcite and sparce pyrite on cleats. One shale and pyrite pod on edge of channel 4" from base; this was omitted from sample		Inches From To	To
Note: Pyrite pod fingers out into 1" band of pyrite beds; tried to omit from sample.		0	24

Strata	Thickness	Top	Bottom
Stonefort Coal Company, Test Pit. NE SE NW, Sec. 8, T. 10S, R. 5E. No. 4 coal, approx 15 ft. from surface			
Sample #3 June 28, 1963 Gluskoter and Baker			
Sample taken at SE end of pit Total thickness = 2'1"		FRom	To
Coal extremely uniform throughout, sparse calcite and pyrite on vertical cleats. Coal immediately beneath soil, some- what weathered at top, fresh at base. Top 2" sufficiently weathered to be omitted from sample.		0	25

Mac. 1212

Coal 21'0 - 21'9"

Stonefort Coal Co. DH 2365

193' N. + 46' W. SE Corner NE SW Sec. 16,  
T 10S, R. 5E., Saline Co., Ill.

$\frac{7}{8}$ " Shale above coal is black, numerous fragmented shells largely pyritic, in part calcite. Two  $\frac{1}{8}$ " layers calc. siltstone near top of this unit.

$1\frac{1}{8}$ " Coal layers mixed with black shale containing thin pyritic lenses (shells?), & thin calcite layers. Coal layers bright, but not all vitrain.

$1\frac{3}{8}$ " Coal bright but thin banded, vitrain bands less than  $\frac{3}{16}$ ", some vertical calcite. Coal vy. hard.

(Note: bottom of coal twisted off).