PREPARED
by order
of

LIEUT-COL-W-B-KINSEY

by

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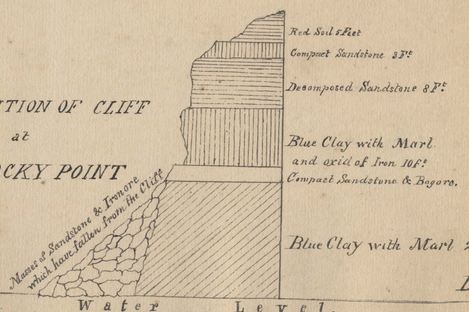
BAILEY'S ENGINEER BRICADE
Dept-West-Miss.

SECTION
INCLUDING
FALLS
&
DAM
IN
RED RIVER

CROSS SECTION OF CLIFF
at
ROCKY POINT



Rock visible at low Water.

Horizontal Line.

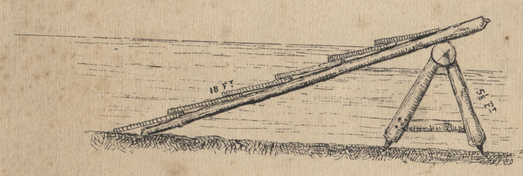
Water Level.

Rock visible at low Water.

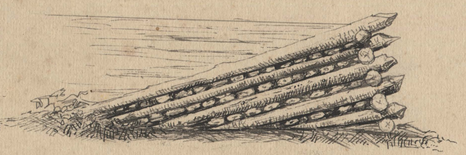
Vertical Scale 1 in 8 to a Decimal & Link.

Levee Line from upper Warehouse towards Bayou Rapides.

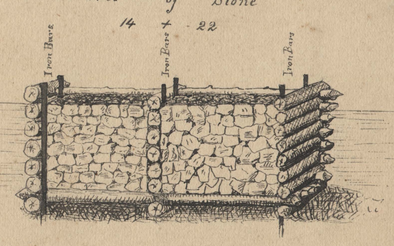
Section of Bracket Dam.



Section of Tree Dam



Crib of Stone
14 x 22



Notes

At the point where the main dam was constructed the river is 738 wide from 4 to 6 ft. of water running at about 10 miles per hour.

Two coal barges 24 x 170 ft. were sunk in the channel having been filled with stone, brick and iron taken from foundries and sugar mills in the vicinity. Between them was a shute of 48 ft in breadth. From the barges to the right hand bank the dam was built of cribs. That to the left hand bank was constructed of trees with their branches entire.

The increase of water caused by the main dam was 2 ft 4 In. That caused by the wing dam 1 ft 2 in. Total 6 ft.

At the point where the wing dams were placed the river was over 1000 in breadth.

The cribs were placed by means of hawsers. As soon as this was done bars of iron taken from the sugar houses, were driven from one to three ft into the bottom which was a sort of soap stone. The cribs were then filled with old iron and brick having a layer of fine brush beneath them.

The bracket dam was constructed to guide the current of the shute and was built in 6 hours from the time of its commencement.