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Form 504
U. S. COAST AND GEODETIC SURVEY
DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey *Topographic*
Field No. _____ Office No. *2745*

LOCALITY

State *Virginia*
General locality *West of Mobjack*
Locality *Bay. from the Mouth*
to York River

1906

CHIEF OF PARTY
William Bowie

LIBRARY & ARCHIVES

DATE _____

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U. S. GEOLOGICAL SURVEY,
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Department of Commerce and Labor COAST AND GEODETIC SURVEY
<i>O. H. Tittmann</i> Superintendent.
State: <i>Virginia</i>
DESCRIPTIVE REPORT.
<i>Topographic</i> Sheet No. <i>2745</i>
LOCALITY: <i>West of Mobjack Bay</i> <i>From the North to</i> <i>the York River</i>
1906
CHIEF OF PARTY: <i>William Bourne, Ast</i>

Post-Office Address: _____

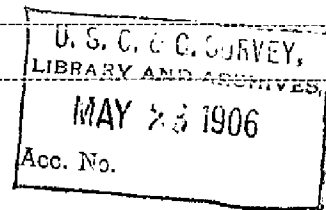
Telegraph Address: _____

Express Office: _____

2745

Department of Commerce and Labor

COAST AND GEODETIC SURVEY



11-644

Washington, D.C.

May 22, 1906

Description Report
Original Topographic Sheet
No. 2745

This sheet extends along the heads of the North, Ware, and Severn Rivers, in the vicinity of Mobjack Bay, Virginia, and takes in the area between the western limits of original sheets no's 2715 and 2716 and the main road running from the head of the North River to the York River.

See my season's report dated May 18, 1906, of the work done on Mobjack Bay and vicinity for general character of area surveyed and the methods employed.

The shore of the York River is

new, but all other shore is a re-
 vision of the old shore line. The
 revision consists of carrying
 the main and prominent
 points and fitting the old shore
 line on them. This method
 proved satisfactory as the changes
 were not great. ~~The shore~~
~~of the Chesapeake.~~

The work was controlled
 by triangulation of Mobjack Bay
 and the York River and by
 supplemental plane table triangu-
 lation of the river.

The interior topography was
 controlled by traverses starting
 from known points on shore.
 Checks were obtained wherever
 practicable. All side roads and
 filling in between main roads
 was done by orienting table with
 the compass. The main roads
 were run by the ordinary fore
 and back sight traverse.

All the interior topography is

entirely new, except some of the
marsh lines, which were checked,
and changed whenever necessary.

No attempt was made to locate
the limit of mud flats, which
are present along the shores in
all the river to a greater or
less extent.

The area of sheet is partly
wooded. Trees are mostly pines.
There is little timber of large
size left by the sawmills.

The land near the shores is
quite thickly settled. There are
some very nice houses on the
river.

The area near the shores is
low but near the western
limit of sheet there are hills
of more than 80 feet in elevation.
Contours were shown where
elevations were 20 feet or more.
The contour interval was 20 feet.
The datum was mean high water.

The roads are of earth and are poorly drained. They are fair in summer and heavy in winter.

On the low ground, the farms are drained by numerous ditches which makes it difficult to drive across country off the roads.

The bridges are all small and are kept in good condition.

The industries are agriculture, fishing, and oystering, with the shipping of the products of the land and water.

Gloucester Court House, the county seat of Gloucester County, is the only village. It has a bank. Its inhabitants number several hundred.

There is a steam boat wharf at Gloucester Point on the York River at which a steamer touches on its run between Baltimore and West Point.

The names shown are from the best authorities on the field.

The point just east of Sarah Creek should be called Quarter Point, and the second point to the east of Sarah Creek, and called Quarter Point on old sheet, ^(see sheet 398) is in reality Gaines Point. This correction should be made.

The topography on the sheet was executed by Asst F. D. Granger, Aid R. S. Patton, and Asst Wm Bowie.

The inkling was done by Asst F. D. Granger, Aid R. S. Patton, Journey Aid Reppenhagen, and Asst Wm Bowie.

A tracing with names accompanies the sheet.

William Bowie
Asst. Chief of Party.