

4060

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Form 501
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
State: <i>Louisiana</i>
11-5813
DESCRIPTIVE REPORT.
<i>Tops</i> Sheet No. <i>4060</i>
LOCALITY:
<i>Near Sabine Pass -</i>
<i>Calcasieu Pass</i>
<i>1924</i>
CHIEF OF PARTY:
<i>F. S. Borden</i>

4060

DESCRIPTIVE REPORT  
TO ACCOMPANY  
TOPOGRAPHIC SHEET  
OF  
CALCASIEU PASS AND VICINITY  
LOUISIANA  
APRIL - MAY  
1924  
U. S. S. BACHE  
F. S. Borden, Chief of Party.

DESCRIPTIVE REPORT  
TO ACCOMPANY  
TOPOGRAPHIC SHEET NO. . . . .

GENERAL DESCRIPTION.

The work on this sheet was done under instructions dated Oct. 13, 1922.

The sheet includes the topography of Calcasieu Pass and the coast line for approximately two miles westward and ten miles eastward from the pass.

The survey consisted mainly in a revision of the shore line, no change being noted in the general contour of the ridges of high ground east of the pass known as Front Ridge and Lee Ridge. The larger part of these ridges is now under cultivation. The land to the westward of Calcasieu Pass is comparatively solid although it is somewhat marshy in spots.

CHANGE OF COAST LINE.

The coast line has built out considerably around the jetties, especially on the eastern side. There appears to be a gradual wearing away of the shore to the westward of the jetties with the exception of a section at the mouth of the river. Between longitude  $93^{\circ}-15'$  and  $93^{\circ}-19'$  there is very little change from the old survey. To the eastward of longitude  $93^{\circ}-15'$  the shore line has built out considerably and appears to be building out quite fast at the present time, the whole shore line being covered with a thick deposit of mud.

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LAND MARKS AND SIGNALS.

Three 100 foot hydrographic signals Man, Lee and Mes were built along the coast. The cupula on the old fisheries building shown as station "CUP" on the sheet is easily distinguished from quite a distance offshore. The topographic signal Church is a white church with a tall spire and can be seen from a considerable distance at sea.

REVISION OF EXISTING CHARTS.

There is no quarantine station at Calcasieu Pass. The building shown on existing charts as a quarantine station is now used as a hotel. The road, running parallel too and near the beach shown on charts 1278 and 1279 has deteriorated and should be shown as a poor road. Of the group of buildings shown on chart 518 near the inner end of the east jetty, only one, the old fisheries building remains. The wharf, shown as extending to the river from this group of buildings does not exist.

It is recommended that the following permanent objects be shown on new chart of this locality:

a Cup	Latitude $29^{\circ}-46'$	Meters 632.72
	Longitude $93^{\circ}-20'$	Meters 345.75

*old Fisheries  
Cupula on Church Building  
Position from  
triangulation of  
G. C. Jones 1924.  
St. B. S. degrapher*



DEPARTMENT OF COMMERCE  
U.S. COAST AND GEODETIC SURVEY

WASHINGTON

October 14, 1924.

SECTION OF FIELD RECORDS

Report on Topographic Sheet No. 4060

Calcasieu Pass, Louisiana

Surveyed in 1924

Instructions dated October 13, 1922.

Chief of Party, F. S. Borden.

Surveyed and inked by T. B. Reed.

1. The records conform to the requirements of the General Instructions.
2. The plan and character of the survey conform to the General Instructions except for the apparently meaningless line extending westward from signal Shack. See Paragraph 176 of the General Instructions regarding this. Also the projection and triangulation points were not checked.
3. The plan and extent of the survey satisfy the specific instructions. In view of the fact that it has been 36 years since the previous survey of the Pass was made the survey of Calcasieu Pass should have been carried at least as far north as Cameron.
4. The junction with the adjoining survey is adequate.
5. The descriptive report mentions ridges east of the Pass known as Front Ridge and Lee Ridge. These ridges are not shown or named on the sheet.
6. The standard symbol is not used for the front range beacon. The beacon appears to be out of its proper position. As shown the range almost coincides with the east jetty.
7. No further surveying is required within the limits of this sheet.
8. The character and scope of the surveying and drafting are fair.
9. Reviewed by E. P. Ellis, October, 1924.

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

The finished Topographic Sheet is to be accompanied by the following title sheet, filled in as completely as possible, when the sheet is forwarded to the Office.

U. S. Coast and Geodetic Survey.

Register No. 4060

State . . . . . Louisiana  
General locality . . . . . Gulf of Mexico  
Calcasieu Pass Calcasieu Pass  
Locality . . . . . Calcasieu Pass  
Chief of party . . . . . Frank S. Borden  
Surveyed by . . . . . T. B. Reed  
Date of survey . . . . . April 1924  
Scale . . . . . 1:20,000  
Heights in feet above . . . . . -----  
Contour interval . . . . . -- feet. --  
Inked by . T. B. Reed . Lettered by . T. B. Reed . . . . .  
Records accompanying sheet (check those forwarded): Photographs,  
1 Descriptive report, Horizontal angle books, Field computations,  
Data from other sources affecting sheet . . . . .

Remarks:

*appended to sheet 591 - 4/8/25 [signature]*