

4882

Form 504  
Rev. Dec. 1933  
DEPARTMENT OF COMMERCE  
U.S. COAST AND GEODETIC SURVEY  
R. S. PATTON, DIRECTOR

DESCRIPTIVE REPORT

Topographic  
~~Hydrographic~~ Sheet No. N. 4882

State California

LOCALITY

Santa Barbara Channel

Canada Del Agua Caliente to

Canada Del Gato

1933

CHIEF OF PARTY

C.K. Green

U.S. GOVERNMENT PRINTING OFFICE: 1934

4882

applied to drawing of Chart 5202 - Mar 1936 R.M.Z.

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

REG. NO. 4882

## TOPOGRAPHIC TITLE SHEET

The Topographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

Field Letter NREGISTER NO. **4882**State CaliforniaGeneral locality N. Shore Santa Barbara Channel  
Canada Del Agua Caliente to Canada Del GatoLocality long 120 15 W to 120 23 WScale 1-10,000 Date of survey August, 19 33Vessel shore partyChief of Party Chas K. GreenSurveyed by Harry T. KelshInked by H.T.K. and M.C.S.Heights in feet above H.W. to ground to-tops-of-treesContour <sup>V</sup> Approximate contour Form 100 interval 50 feetInstructions dated October 31, 19 32

Remarks:

Descriptive Report  
to accompany  
Topographic Sheet N  
N. Shore Santa Barbara Chan.  
California

Instructions

October 31, 1932

Limits and scale

This sheet embraces a strip of the north shore of Santa Barbara Channel from long. 120-15 W to 120-23 W.

The scale is 1-10,000

General Description

The shoreline shown on this sheet extends in a general east-west direction with no bays, or bights of any size. The shoreline itself consists of a line of cliffs 50-100 ft. in elevation, with a narrow strip of sand at the base making what is largely a half tide beach of flat sand.

Occasional canyons break the cliff line. From the east end of the sheet to 120-20 W the foothills rise directly from the coast to elevations of 6-800 ft. with a series of long valleys or cañadas normal to the shoreline. The hills are mostly bare of trees.

There are no towns or settlements. The whole strip is one ranch, the Hollister Ranch, and is served by a private dirt road, winding around the hillsides behind the Southern Pacific R.R. which runs along the shore for the entire length of the sheet, on the top of the cliffs.

The road is accurately located as far as the Ranch House (120-20-30 W) and with reasonable accuracy to the west limit of the sheet at Gato siding. Beyond this (on sheet 0 ) it is practically worthless.

There is one oil derrick standing on the cliff (long 120-18-40) where drilling is being done at this time; and if successful results are obtained some additional development of this area will result.

Towards the west end of the sheet the hills swing back about a mile from the shoreline, and there is a stretch of rolling terrain ranging in elevation from 50 to 150 ft; difficult to contour with out a detailed survey.

Special Notes

The shoreline is clear of offshore dangers except for an occasional boulder within 40 meters of the low water line, as shown.

Landmarks

Signal A1 is an aluminum colored tank on the hillside (about one third way up) at the Hollister Ranch, elevation 294 ft. The group of silos at the ranch, and just a bit below the tank, are also conspicuous. The two railroad trestles near the east end of the sheet show well for a mile or so offshore.

Control

8 triangulation signals on the sheet, with 4 of them on the shoreline gave perfect control. Short traverses were run, and no adjustment was necessary.

Geographic Names

The country is undeveloped and no new names appear. The Hollister Ranch includes the whole area shown, with the main buildings located about long. 120-20-30 W. as shown.

Changes in shoreline

The shoreline remains unchanged from the previous survey.

Contours.

Where possible in connection with running the road on the east half of the sheet numerous check elevations were taken. On the west portion of the sheet however the work was confined to securing elevations of the peaks, and checking the general shape of the country with the old bromide sheets, which were carried along in the field.

  
Harry T. Kelsh, Surveyor

APPROVAL OF CHIEF OF PARTY

Topographic Sheets lettered "L" to "O" have been inspected and approved by me, as have the descriptive reports

*Chas. K. Green*

Chas. K. Green  
Chief of Party

Section of Field Records

REVIEW OF TOPOGRAPHIC SURVEY NO. 4882 (1933)

Canada del Agua Caliente to Canada del Gato.  
Santa Barbara Channel, California  
Surveyed August 1933  
Instructions dated: October 31, 1932 (Green)

Plane Table Survey - Cloth Mounted.

Chief of Party - C. K. Green.  
Surveyed by - H. T. Kelsh.

1. Condition of Records.

The records conform to the requirements of the Topographic Manual with the following exceptions:

a. No Descriptions of Recoverable Topographic stations, Form 524 were furnished.

b. Names of topographic and triangulation stations and notes regarding land features are shown with slanting letters. The accepted manner is to use vertical letters for everything which does not cover at high water.

2. Compliance with Instructions for the Project.

The survey complies with the instructions for the project in every respect.

3. Junctions with Contemporary Surveys.

Satisfactory junctions were made with T-4881 (1933), on the east and with T-4883 (1933) on the west.

4. Comparison with Prior Surveys.

a. T-1339 (1873).

A comparison of this survey with the present survey shows good agreement throughout the whole area. The shoreline is now substantially the same as in 1873. A general comparison of contours showed no disagreement between the two surveys. The rocks which are shown on the present survey just outside the low water line were not located on the former survey.

5. Field Drafting.

The field inking of the survey is good.

6. Additional Field Work Recommended.

The survey is complete and no additional field work is required.

7. Superseding Old Surveys.

Insofar as the topography actually included on the present survey is concerned, it supersedes the following surveys for charting purposes:

T-1339 (1873)

8. Reviewed by A. F. Jankowski, April, 1935.

Examined and approved:

C. K. Green, *C. K. Green*  
Chief, Section of Field Records.

*J. B. Borden*  
Chief, Section of Field Work.

*L. O. Whit*  
Chief, Div. of Charts.

*G. H. Hude*  
Chief, Div. of H & T.

Survey No. T-4882

Date. March 7, 1935. GEOGRAPHIC NAMES  
California

Chart No. 5202

Diagram No. 5202-2

Approved by the Division of Geographic Names, Department of Interior. \*

Referred to the Division of Geographic Names, Department of Interior. R

Under investigation. Q *Names underlined in red approved March 25, 1935*

Under investigation. Q

Harlow Bacon

Status	Name on Survey	Name on Chart	New Names in local use	Names assigned by Field	Location
	<u>Canada del Gato</u>				
	<u>Gato Siding</u> RR build DR				
	<u>San Augustin Sta</u>				
	<u>Canada de San Augustin</u>				
	<u>Canada de Santa Anita</u>				
	<u>Sacate Sta</u> RR build DR				
	<u>Canada de <sup>la</sup> Alegria</u>				
	<u>Canada del Agua Caliente</u>				
Q	<u>Canada del Estero</u> ✓	G.N. 45(36) prefers Arroyo el Bulito			
Q	<u>Canada del Cuate</u> ✓	G.N. 95(86) prefers Cuarta Canyon			
	<u>Canada de la Brea</u>				
	<u>Canada el Bulito</u> T <sup>1339</sup> <sub>545</sub>	Canada el Buleto <del>Canada el Buleto</del> Name not on chart but possibly may be the spelling intended. However since T1339 and USGS use "Bulito" this spelling is approved. NB.			
Comparisons made with T1338 & 1338 and USGS Lompoc Quad NB.					