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

State: Texas

11-5813

DESCRIPTIVE REPORT.

T Sheet No. 3673

LOCALITY:

191

CHIEF OF PARTY:

# GEOGRAPHIC POSITIONS

11-4061  
Map 3673.

Locality Brazos Santiago, Cameron Co.

Determined by survey for Corps of Engineers, U.S.A.  
By J.R. Routelle, H. & C. Engr. U.S.C. & G. Survey.  
August 1917

Datum.

State TEXAS

| STATIONS.                                                      | LATITUDE AND LONGITUDE. |        | SECONDS IN FEET. | AZIMUTH.    |  | BACK AZIMUTH. | TO STATIONS.          | DISTANCE. METERS. | LOGARITHMS. |
|----------------------------------------------------------------|-------------------------|--------|------------------|-------------|--|---------------|-----------------------|-------------------|-------------|
|                                                                |                         |        |                  |             |  |               |                       |                   |             |
| Point Isabel Lt. ho.<br>1886 - 1917                            | 26 04 38.58             | 1187.3 |                  |             |  |               |                       |                   |             |
|                                                                | 97 12 26.94             | 748.7  |                  |             |  |               |                       |                   |             |
| Brazos Santiago Lt. ho.<br>1917                                | 26 04 18.23             | 561.0  |                  | 98 41 08.0  |  | 278 40 03.1   | Point Isabel Lt. ho.  | 4150.3            | 3. 618 078  |
|                                                                | 97 09 59.32             | 1648.2 |                  |             |  |               |                       |                   |             |
| Clark, U.S.F.<br>1917                                          | 26 03 14.52             | 446.8  |                  | 130 05 22.7 |  | 310 02 34.0   | Point Isabel Lt. H.C. | 4020.2            | 3. 604 253  |
|                                                                | 97 10 36.22             | 1007.2 |                  | 207 36 43.0 |  | 27 36 59.2    | Brazos Santiago L. H. | 2312.8            | 3. 344 941  |
| North, U.S.F.<br>1917                                          | 26 05 22.26             | 685.1  |                  | 12 44 19.9  |  | 192 44 12.9   | Brazos Santiago L.H.  | 2030.1            | 3. 305 382  |
|                                                                | 97 09 43.29             | 1203.0 |                  | 73 32 35.8  |  | 263 21 23.9   | Point Isabel L.H.     | 4742.4            | 3. 675 994  |
|                                                                |                         |        |                  | 20 31 05.9  |  | 200 30 47.7   | Clark U.S.F.          | 4197.3            | 3. 622 974  |
| South, U.S.F.<br>1917                                          | 26 03 45.75             | 1408.0 |                  | 123 57 51.3 |  | 303 56 29.8   | Point Isabel L.H.     | 6216.9            | 3. 793 575  |
|                                                                | 97 09 21.41             | 595.2  |                  | 172 48 19.9 |  | 352 48 10.3   | North U.S.F.          | 4854.7            | 3. 686 159  |
|                                                                |                         |        |                  | 113 04 00.2 |  | 293 02 29.9   | Clark U.S.F.          | 2260.1            | 3. 354 129  |
| Quarantine, cupola, final.<br>1917                             | 26 04 29.96             | 922.0  |                  | 28 27 30    |  | 208 27 10.    | Clark U.S.F.          | 2640.2            | 3. 421 632  |
|                                                                | 997 09 50.96            | 1416.4 |                  | 93 30 56    |  | 273 29 47     | Point Isabel L.H.     | 4343.2            | 3. 637 804  |
| Coast Guard House, No. 222,<br>Cupola or lookout, center, 1917 | 26 03 40.42             | 1244.0 |                  | 60 36 25    |  | 240 36 05     | Clark U.S.F.          | 1623.3            | 3. 210 395  |
|                                                                | 97 09 45.34             | 1260.3 |                  | 111 44 07   |  | 291 42 56     | Point Isabel L.H.     | 4835.0            | 3. 684 392  |
| Hotel, s.e. gable.<br>1917                                     | 26 06 08.75             | 269.3  |                  | 11 37 43    |  | 191 37 25     | Clark U.S.F.          | 5473.9            | 3. 738 298  |
|                                                                | 97 09 56.54             | 1571.0 |                  | 56 25 51    |  | 236 24 46     | Point Isabel L.H.     | 5016.8            | 3. 700 422  |
| Rath ho. s.e. gable.<br>1917                                   | 26 06 08.38             | 257.9  |                  | 13 50 41    |  | 193 50 20     | Clark U.S.F.          | 5509.9            | 3. 741 141  |
|                                                                | 97 09 48.80             | 1356.0 |                  | 57 51 09    |  | 237 49 59     | Point Isabel L.H.     | 5191.0            | 3. 715 253  |

# GEOGRAPHIC POSITIONS

Locality **Brazos Santiago, Cameron Co., Texas.**

Datum. State

| STATIONS.                               | LATITUDE AND<br>LONGITUDE. | SECONDS IN<br>METERS. | AZIMUTH. | BACK AZIMUTH. | TO STATIONS. | DISTANCE.<br>METERS. | LOGARITHMS. |
|-----------------------------------------|----------------------------|-----------------------|----------|---------------|--------------|----------------------|-------------|
| Positions scaled from Topographic Sheet |                            |                       |          |               |              |                      |             |
| Hydro. Signal "A"                       | 26 04<br>97 09             | 308<br>850            |          |               |              |                      |             |
| " " "B"                                 | 26 03<br>97 09             | 1466<br>849           |          |               |              |                      |             |
| " " "C"                                 | 26 03<br>97 09             | 1072<br>1544          |          |               |              |                      |             |
| Coast Guard Practice Pole               | 26 03<br>97 09             | 1123<br>1224          |          |               |              |                      |             |