# IVESTON HARBOR.

of Gen. Newton Upon the Imment of the Entrance to Selveston Harbor.

Braties of the Letter Addressed offices Committee on Rivers and Harbors.

and his recommendations will perform careful attention by the yeard the country. The follow-grass been addressed to the com-er rivers and harpors by Gen.

et liarbers, House of Representa-

sm-In presenting the report of of engineers upon the improve-tucentrance to the harbor of in Tex. it might be well to pre-pain necessary to be said with a many of the operations conducted

Msj. C. W. Howell, corps of me Msj. W. Howell, Corps of m. Msl presented a project for governt of the entrance to the most the haroor itself, which cred to a heard of officers, Lieu-celests Z. B. Tower, Horatio G. med Jahn Newton, for report calcasts Z. B. Tower, Horatlo G. and John Newton, for report.

spect was the construction of also juttles about 10,500 feet apart.

cle publics about 10,500 feet apart, the greater pertion of their length red at mean low tide. The pecusited project consisted in the prosterial of which the jettles were so, viz. hollow cylinders of consided by the originator gabions, and origin, and filled when in

sith shall, bereit in its report of January, bereit in its report of January, spir of the board is, therefore, of shim that if piers, proposed by level, were constructed, extendent the bar, the depth of water would be increased in an imsould be increased in an imdegree, though exactly what
salt be looked for cannot be preit is also believed that the instreamty of the pier on the Fort
sale of the entrance, from the
same it connects with the bulkastructed by the city to where it
is long, straight portion running
is, will have the effect of moving
on the Galgesion harbor entrance at the Galveston harbor entrance Belivar channel, whereay it will,

estent, be carried off by the duain a of the latter. The saull, therefore, have the effect, audition of the board, not only miles the outer bar, but also, inengards the method of construc-

supposed by Capt. Howell, the board applied to speak with less confi-The importance of some device satof our harbors, which shall be dy necognized

not the length and other dimen-

answer the purpose.

see the level as low as possisee that the action of waves from an
action the source of the water, and
action the board it will be
battle lettles were recommended,
all the other outer portions, in their
suffection to be kept low with the
afour the experience gained to
treatable top-dressing sufficiently
state prisonable regulated. The ble reasonably permanent. The allmade, height of the jettles casearily held result of experi-

jandellam of the jettles as found obtain project of Maj. Howell stre, modified by inclining the july towards the other, and by the

distions that size, one be appropriated.

It is a part to get her.

It is a part to get her with the board that a great continuate being her of her channel by jettles would be sightly increase the velocities of the board that a great continuation of the channel by jettles would be sightly increase the velocities of the board that a great continuation of the channel by jettles would be distinction of the channel by jettles would be distinction of the channel by jettles would be distinct on the sightly increase the velocities of the currents and extreme depth in the chancurents a

Stocke Bolicar jetry, to gather Propagate has essentially gone a brief space to do more than call original bottom." Consestitution to some of the important strents of serve to direct or results of calculations made by the board that the country of the server as careful to this results of the whole paper deserves a careful to this results of the whole paper deserves a careful to this results of the whole paper deserves a careful to this results of the whole paper deserves a careful to this results of the whole paper deserves a careful to the country of the careful to the country of the careful to the c

The same report of June 7, 1880, discusses various forms of letty as to material of construction for the information, though not as confining, the efforts of the ometraction.

though not as confining, the efforts of the constructing officer.

Alluding to the employment of matters and has anomalized his views to sample the proposed work at tresses the report says. "As small atones upon structures exposed to the action of breakers will be more or less displaced during storms, we must anticipate same damage to result from the application of either of the above methods to the construction of the Galveston jettles. from the application of either of the above methods to the construction of the Gaiveston jettles. Either of them however, will probably prove a success provided the brush collects sand and the stones become bound together by moltuscous concretions, which usually grow rapidly in warm climate. Experience is Charleston barbor and on the shores of Holland, especially at the mouth of the Mans, bear testimony to the rapid growth of these moltuses upon loose stones immersed in the sea near fresh-water tributaries, and to their effective use in cene ting them, as it were, in one mass. Though we anticipate with no degree of certainty the same favorable results at Gaiveston as at anticipate with no degree of certainty the same favorable results at Galveston as at Charleston, yet it seems probable that similar shell deposits will occur and that the brush stone will collect sand in process of time. Unaided by such favorable action, the solidification of the jettles will be difficult and costly. The italics are my own. It will thus be seen that the heart gave a timely warning. The the board gave a timely warning. The south jetty, as far as the funds allowed, had been finished prior to my taking charge of the office of the chief of cogineers, and had been brought to the level

> bine, where the bottom is mainly of mud, the condition of the water will be a protection against the rapid ravages of the

In the report of the special board of October 31, 1880, p. 1455 of the report of the chief of engineers for 1885, the board states: "An ordinary enrockment would stand probably as well upon the sands of this shore or bar as in similar positions at the North Breshwaters in Long at the North. Breakwaters in Long Island sound and along the coast of Massachusetts and Maine are simple en-rockments. No bases, either mattres es

or grillages, have been required for those constructions, and none would be delivered as cheaply there (say from \$1 to \$1.25 per cubic jard) as in northern sections of the country. The wearing of currents or the overfail at the feet of the letters would receive done

Among other results, the board reports that the 21-foot curve on the sea face of the bar has moved seaward since 1851 lies are expressed and it was sliengly recommended that the 21-foot curves at a greater rate. This is not supposed to be entirely due to the works that have been constructed, though, to a less amount.

The trenches on each side of the jettles

The trenches on each side of the jettles on the moderate depths then deside below the height of low stitutions. In the present case they have stitutions in the overfall of the stitution of the section of waves from an each side of the jettles.

The same movements along the bottom of the present case they have stitutions. In the opinion of the same movements along the bottom.

Ministes height of the jettles. The south jetty has from exposure to be a result of experi- the various degrading causes lost almost stable depth to be acquired over 61 per cent, of its original height. It will vet serve as a foundation for a stone enrockment to complete the structure and bring it above the water.

If it be proposed to continue the im-provement \$1,000,000 might be profitably

Sation of the heard that, after expended during the coming year, and I although two jettles a certain dissistency recommend as the least amount that their proposed length, to be of mench and to preserve the foundation their disease.

is proposed north jetty, the the 7000 feet spart. If made narrower, if one of its members to inspect the time of outflow would be prolonged that is, and in the report of June in proportion and hence the danger of the start of the filled, however, undermining the jettles, and of cutting the Bulkar late, however, undermining the jettles, and of cutting undermining the lettles, and of cutting channels across Galveston Island would had to constitute a pier. In be still greater." But it is impossible in

will list the south jetty by Col. In conclusion I beg beave to now sup-will list the table this ract constitutes a suf-ply the fourission, in the earlier portion delegates are who the rackless and take of this letter, to state that, the special association.

Arrested on a Charge of Swinding-The Quarantine-Terreit's Boom.

Their Lives at the Bullet's Call,

neers, and had been brought to the level generally of low water. In some places higher, and in others lower than that level. No appropriation has been made for this place since 1882, and the mass of brush in the mattresses loaded with comparatively small stones. It as been left during this long period exposed to the attack of the teredo and to the wash of the breakers, when it should have been promptly loaded and covered with stone large enough to resist displacement.

If serious damage has resulted it must mainly be imputed to this emission. At the mouth of the Mississippi and at Sature 1990, where the bottom is mainly of mud, because of the properties of the propertie passing through his right lung, and died in about fifteen minutes. Lane was shot through the chin, the ball passing through the brain, and died almost without a struggle.

JEFFERSON.

Since the rain.

We are glad to note that Lawyer W. O. Baker's little boy is improving from being poisoned from eating misstletoc.

Candidates for the November election are announcing in this county.

Several field of this county.

Several field of this county.

Several field of this point eating misstletoc.

Candidates for the November election are announcing in this county.

Several field of this point is a three weeks' session, adjourned yesterday evening. Judge Sabin has impressed this people as being an upright and conscientious judge. Marshal Reagan is a very affable and controuts officer, and United States District At.

We are glad to note that Lawyer W. O. Baker's little boy is improving from being poisoned from eating misstletoc.

Candidates for the November election are announcing in this county.

Several field of the past few days from eating raw prickley-pears. On one one of the county of the poisoned from eating misstletoc.

Several field of the past few days from eating raw prickley-pears. One one of the past few days from eating raw prickley-pears of the past few days from eating raw prickley-pears. One one of the past few days from eating raw prickley-pears of the past few days from eating raw prickley-pears. One one of the past few days from eating raw prickley-pears.

One of the past few days from eating misstletoc.

We are glad to note that Lawyer W. O. Baker's little boy is improving from the past few days from eating prickley-pears.

One of the past few days from eating many from the past few days from eating raw prickley-pears.

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One of the past few days from eating raw prickley-pears.

One of the past few days from eating raw prickley-pears.

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One of the past few days from to \$1.25 per cublic yard) as in northern sections of the country. The wearing of currents or the overfall at the foot of the jettles would merely drop down the stone at the edges thus [Fig. A). But as stone costs \$1 and brush only \$1 per yard economy of construction demands the nse of the latter as far as possible."

Shal Reagan is a very affable and courteous officer, and United States District Attorney M. McComb, recently appointed by President Cleveland, has provent himself to be a good lawyer and an able prosecutor. The officers of the court left last night for Galveston. Most of the business transacted was criminal business.

It has been rating for the last two will ship from Taylor.

One One Austing through and through. One One Austin on special business.

C. S. Stondenmer, Esq., started East last week with a car load of horses. He seem rating for the last two will ship from Taylor.

care any booty, but all the currency in the safe was badly scorched. Had they succeeded in getting the door open they would have secured about \$1000.

## AUBREY.

Women's Christian Temperance Union-Postumonia-Plowing.

Special to the Garette.

AUBREY, TEX., Feb. 28,-The Women's Christian Temperance Union county con-vention met here yesterday, organized in the afternoon and had a very interesting

evening, when eight more signed the piedge. The following delegates are representing their local unions: Mrs. Jennie Beauchamp, Miss Annie Horner an! Miss Fannie Berlin from Denton, and Mrs. Koger. Miss Lizzie Bridges, Miss Gracie Merit. Miss Belle Reid and Miss Sallie Beatty from Pilot Point.

There are several cases of pneumonia in this vicinity, which keep the doctors busy night and day.

The farmers have been very busy plowing since the late rains, and are feeling cheerful in consequence, as the rain was

## Fighting for a Daughter.

Fighting for a Daughter.

Cincinnati, Guio, Feb. 28. James II.
Reid, who for some years has lived unhappily with his wife in this city, about
two mouths ago disappeared under a
financial cloud, going. It is, said, to
Minneapolis. Yesterday he visited the
home of his father-in-law, Col. Withers,
on Walnut Hills, where his wife and
four-year-old daughter, Hazel, live. No
one was at home but the child's grandmother, and Reid, selving his daughter,
put her in the carriage waiting outside,
which was driven rapidly away. Mrs. which was driven rapidly away. Mrs. Reld has commenced proceedings of habitas corpus to recover the child, and will apply for a divorce.

Pince Ball.

Louisville. Ky. Feb. 28.—A schedule and of comparing pages on matters of interest. We also says that the order warmeeting of the American Base-Ball asso-founded on an anti-strike basis, in the clation begins in this city to morrow, and belief that railway conductors connot alwell last three days. From one to three ford to have trains stopped without direct paying a conference with railway managers and a fair arbitration.

mount-Local.

Special correspondence to the Garages.

Liano, Fax., Feb. 27. News has just reached here of a killing that occurred in the northeast part of this county last evening. The facts as tar as we can gather the new are about as follows: W. O. Special to the discrete.

Duop Crry, Tex., Feb. 2s.—J. Y. Hassett of Fort Worth, a butcher on the east-bound train, was arrested here to day on the charge of swinding a country boy named Jeff Bratton. Hassett asked Bratton to give him a bill for \$10 in small change. Bratton claims Hassett rolled the money up and handed it to him. Bratton falled to discover that he was robbed of \$5 until he arrived home. Bratton was duped last Torsday, but the back door, gun in hand. Tow Hassett was not arrested until to-day. He had an examining trial to night and advancing on him with an ax drawn and advancing on him with a first the back door, gun further the was discharged for lack of evidence.

Our merchants say the Dallas quarantine was about four-fourths ignorance and no malice.

Prof. A. W. Wilson is out in a card as a candidate for superintendent of public instruction.

structure built.

this week. He waived examining trial this week. He waived examination and his bond was fixed at \$700, which he talled to give, so he went to jall.

A great deal of plowing is being done since the rain.

the rain.

and the length and other dimensions at the length and other dimensions to the case in question, if the same of the latter as for as store, resting upon the easily dand, over which they pass, would an onlige which the importance put would perhaps not justify, and only to act upon some point pressults and only to act upon so Ing, when Sheriff Flournoy and Deputy
Terrell at once started in pursuit. Two
arrests have been made, but there seems beit and inquired for one of Len'z's
to be no positive evidence against the
parties arrested. The thieves did not see left, Lentz returned immediately, and it
Green's English People, 4 vols., is supposed that he saw the young man depart. There were no witnesses to the horrible tragedy, but from the appearance of the room a terrible struggle burst have taken place. Leats had evidently slipped behind his wife, drawing her head back and slashed the razor across her throat. Mrs. Lentz covered with blood ran out the back door and then through the alleyway to the street, where she entered a saloon and fell to the floor dead. 'At the same time two pisiol-shots were heard in the direction of Lentz's house. Policemen entered the house and found Lentz lying dead on the floor with a shot through the Mr. Wages of Pilot Point delivered an temperature and Mrs. Beauchamp of temperature and Mrs. Beauchamp of temperature on the same subject this evening, when eight more sizeful the band had no cause whatever for his Two Thousand and Ten Choice Quo-COLORADO CITY.

Dore's Wandering Jew, illustrated.
Bacon's Essays
Treasures, New and Old
John Stuart Mill on "Liberty" That Quarantine-Woun Mississippi Belle Stockmen Coming.

special to the Gauette. COLORADO CITY, Tex., Feb. 28. The

Colonado City, Tex., Feb. 28.—The people here say they think that Dallas is trying to boycott Fort Worth trade with the quarantine. The thing "looks gauzy." They are all in favor of Fort Worth.

Our esteemed young friend, Mr. 3. 1.
Smith of the firm of flurns, Walker 2. Co., was married to Miss Bynum in Horu Lake, Miss., yesterday. We expect the bridal couple here March 2.

Dr. and Mrs. W. F. Graham's little girl Lillian died yesterday of some throat disease. She was sick only a few days.

disease. She was sick only a few days. It was their only child, a little girl seven years old. They have the heartfeit sympathy of a large number of friends. The stockmen are coming in on every

Order of Bailway Conductors.

WILKESDARRE, Pr., Feb. 28.—A meeting of the Union division Order of Railway Conductors took place here to-day C. S. Wheaton of Chicago, grand chief-conductor, in the chair. The meeting was called for the purpose of instructing the members in the work of the order

# statement said to have been attered upon the floor of congress that the north jetty was in condition to act when the south jetty had been finished, and that the want of success in desponing the bar proved that the plan of the engineers had been a total ballore, whereas there was but one joury, the south, the portion of the north jetty constructed having been, years before the speech, swallowed up to the sand. Shoots Rim in the Leg., and He Bleeds to Death. Chief Corps of Engineers, U. S. A. School Building a Good Ruin-Mairi Given Mairies and the speech, swallowed up to the sand. Given Away.

# THE GAZETTE'S

The Garette will on September I, 1886, mangurate its system of grand semi-saunal istributions of premiums, and on that date distributio among its subscribers

## \$2,000.00 IN PREMIUMS,

the distribution being determined by lot and conducted under the personal supervision of gentlemen whose names are given below and who are well known to the people of the state.

Cax just above the knee, from which he instruction.

Terrell men are becoming numerous and outspoken in their advocacy of that gentleman.

Toward Cox were both considered very quiet, praccable citizens, and the sad affair has east a gloom over the entire neighborhood.

Twenty five cours will buy a bottle of Red Star Cough Core, it never fails to cure.

BY CLASSIC WATERS.

BY CLASSIC WATERS.

Evila Norman and Walker Laws five Up Their Lives at the Bullet's Cail,

Evila Norman and Walker Laws five Up Their Lives at the Bullet's Cail,

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