

THE EUGENE CITY GUARD.

ESTABLISHED FOR THE DISSEMINATION OF DEMOCRATIC PRINCIPLES, AND TO EARN AN HONEST LIVING BY THE SWEAT OF OUR BROW

VOL 22

EUGENE, OR., SATURDAY, FEBRUARY 8, 1890.

NO. 27.

The Eugene City Guard.
(PUBLISHED EVERY SATURDAY.)
I. L. CAMPBELL,
Publisher and Proprietor.
OFFICE—On the East side of Willamette Street, between Seventh and Eighth Streets.
TERMS OF SUBSCRIPTION.
For annum..... \$2 50
Six months..... 1 25
Three months..... 75
OUR ONLY
RATES OF ADVERTISING.
Advertisements inserted as follows:
One square, ten lines or less one insertion \$3;
each subsequent insertion \$1. Cash required in advance.
Time advertisers will be charged at the following rates:
The square three months..... \$6 00
The square six months..... 8 00
The square one year..... 12 00
One square in local column, 20 cents per line for each insertion.
Advertising bills will be rendered quarterly. All job work must be paid for on delivery.

CEO. B. DORRIS,
Attorney and Counsellor-at-Law,
WILL PRACTICE IN THE COURTS of the Second Judicial District and in the Supreme Court of this State. Special attention given to collections and matters in probate.

L. BILYEU,
Attorney and Counsellor at Law, EUGENE CITY, OREGON.
PRACTICES IN ALL THE COURTS of this State. Will give special attention to collections and probate matters. Office—Over Hendrick & Eakin's bank.

A. C. WOODCOCK,
Attorney-at-Law,
EUGENE CITY, OREGON.
OFFICE—Rooms 7 & 8 McClaren Building. Special attention given to Collections and Probate business.

GEORGE A. DORRIS,
Attorney-at-Law,
EUGENE CITY, OREGON.
OFFICE—In Register Block.

J. J. WALTON, Jr.,
ATTORNEY-AT-LAW,
EUGENE CITY, OREGON.
WILL PRACTICE IN ALL THE Courts of the State. Special attention given to real estate, collecting, and probate matters. Collecting all kinds of claims against the United States Government. Office in Walton's brick—rooms 7 and 8.

Seymour W. Condon,
ATTORNEY-AT-LAW,
DUNN'S BUILDING,
Eugene, - - Oregon.

GEO. M. MILLER,
Attorney and Counsellor-at-Law, and Real Estate Agent,
EUGENE CITY, OREGON.
Office—Lane Co. Bank Building.

A. E. GALLAGHER,
Attorney-at-Law,
EUGENE CITY, OREGON.
Special attention given to Probate business and Abstracts of Title. Office—Over Lane County Bank.

T. W. HARRIS, M. D.,
Physician and Surgeon,
OFFICE
Wilkin's Drug Store.
Residence on Fifth street, where Dr Shelton formerly resided.

DRS. PAINE & McDONALD,
Physicians & Surgeons,
EUGENE, OREGON.
Special attention paid to Surgery and Chronic diseases.

Dr. W. T. McMurtry,
Physician, Surgeon and Gynecologist.
(25 Years Experience.)
OFFICE—Over Brownsville Store, Willamette street.
EUGENE, - - OREGON.

DR. J. C. GRAY,
DENTIST.
OFFICE OVER GRANGE STORE. ALL work warranted. Laughing gas administered for painless extraction of teeth.

Dr. G. W. Biddle,
DENTIST.
PLATE WORK A SPECIALTY. Extracting and Filling executed by the latest improved methods. All work warranted; 14 years experience. Office—Titus' Block, over Luckey's drug store.

Clearance Sale.
--OF--
Boots and Shoes,
For 40 Days.

Having purchased the entire stock of goods in the store of Krausse & Klein, in this city, I will for the next 40 days, sell positively for Cash of all goods in stock.

Rubber Boots, Shoes, Slippers, Etc.
EVERYTHING AT COST.
O. E. KRAUSSE.

The Pacific Tea Co.
Has Changed Hands
Mr. J. O. Rhinehart,
Having purchased it. He will sell goods at **BEDROCK PRICES!**
Full Line of Groceries, Glassware and Crockery
Handsome Presents given away with Teas and Coffees.

NEW GOODS.
A FINE ASSORTMENT OF
BEAUTIFUL DRESS GOODS
From the Cheapest to the Best at prices according to quality.
A LARGE STOCK OF

BOOTS and SHOES
From the Cheapest to the Best. All parties can be suited either as to Price or Quality.
CLOTHING.
Our assortment is Complete, from the lowest Price up to the Finest; can suit you if you give us a call.
OUR STOCK IS
Free New and Stylish.
Look us over; if we do not save you money, we will make some one else sell to you low.
A FULL LINE OF GROCERIES
F. B. DUNN

MATLOCK
Has just received direct from New York and Chicago, the argest and best stock of
FALL AND WINTER GOODS
Ever brought to Eugene.
THIS IS NO IDLE BOAST,
But call and price them. Remember the place—The New Three Story Brick, corner Willamette and Eighth St., Eugene City, Oregon.
DR. JOSEPH P. GILL,
CAN BE FOUND AT HIS OFFICE or residence when not professionally engaged. Residence on Eighth street, opposite Presbyterian Church.

Blacksmith Shop.
Wagon and Carriage Work, Horse Shoeing and repairing of all kinds promptly attended to.
All Work Guaranteed
SHOP, southwest corner of Eighth and Olive streets.
Hohl & McMurry.

Day & Henderson,
FURNITURE & UNDERTAKING
House in Eugene, Corner 7th and Willamette.

McClung & Johnson,
HAVING RECENTLY REFITTED the Old Grange Store are offering
SPECIAL BARGAINS
In Dress Goods, Ladies and Gents Underwear, Boots, Shoes and all classes of DRY GOODS.
J. L. PAGE,
DEALER IN—

Groceries,
HAVING A LARGE AND COMPLETE stock of Staple and Fancy Groceries, bought in the best markets.
EXCLUSIVELY FOR CASH,
Can offer the public better prices than any other house.
IN EUGENE.
Produce of all kinds taken at market price.
Sportsman's Eporium.
HORN & PAINE,
Practical Gunsmiths
Dealers in GUNS, RIFLES,
Fishing Tackle and Materials, Sewing Machines and Needles of All Kinds For Sale!
Repairing done in the neatest style and warranted.
Guns Loaned & Ammunition Furnished
Store on W. street.

NOTICE FOR PUBLICATION.
LAND OFFICE AT ROSEBURG, OR., Jan. 17th, 1890.
NOTICE IS HEREBY GIVEN THAT the following named settler has filed notice of his intention to make final proof in support of his claim, and that said proof will be made before the Clerk of the County Court of Lane County, Oregon, on Friday Feb. 28, 1890, viz: Nettie Chase, Pre-emption D. S. No 6454, for the S E 1/4 of S W 1/4, Sec. 22, and E 1/4 of N W 1/4, and S E 1/4 of S W 1/4, Sec. 27, T. 18 S., R. 12 West, W. M.
She names the following witnesses to prove her continuous residence upon and cultivation of said land, viz: J. O. Davanport, Geo. M. Miller, Wm. F. Sadley, J. G. Stevenson, all of Florence, Lane County, Or.
CHAS. W. JOHNSON, Register.

Administrator's Sale of Real Property.
NOTICE IS HEREBY GIVEN THAT by virtue of an order of the county court, of Lane County, Oregon, made at the January term thereof, 1889, I will offer for sale at the Court House door of said county, at public auction on Saturday, March 8th, 1890, between the hours of nine o'clock A. M. and 4 o'clock P. M. of said day, the following described real property belonging to the estate of Mary Crow, deceased, to-wit: Beginning at the South East corner of Lot No. Two, in Block "A" in Shaw's Addition, East of Eugene City in Lane County, Oregon, thence West on Eleventh Street 80 feet, thence North 100 feet, thence East 80 feet, thence South 100 feet, to place of beginning. Terms of sale, cash. E. R. LUCKEY, Admr.

Administrator's Notice.
Notice is hereby given that the undersigned, I. L. Campbell, has been by order of the County Court of Lane County, Oregon, duly appointed administrator of the estate of George H. Devoe, late of said county, now deceased, and all persons having claims against said estate are hereby notified to present the same to said administrator, duly verified and proven, at his office in Eugene City, Oregon, within six months from the date of this notice.
Dated this 5th day of Feb. 1890.
I. L. CAMPBELL, Admr.

University Bookstore
McClares Building,
(Opposite F. M. Wilkin's Drug Store.)
Has an extensive Stock of—
STANDARD, MISCELLANEOUS,
COLLEGE AND SCHOOL BOOKS,
Mercantile, Fancy and School Stationery, Blank Books, Cutlery, Etc.
Orders for Books and Subscriptions to Newspapers and Periodicals promptly attended to.

F. W. A. CRAIN,
Watchmaker and Jeweler.
Junction City, Oregon
Special attention given to Repairing WATCHES, CLOCKS and JEWELRY.

Blacksmithing!
C. H. PAINE,
WILL DO A GENERAL BLACKSMITHING BUSINESS, REPAIRING, PLOW WORK, & C
A Specialty at MELSON and SCOTT'S Blacksmith Shop, on Seventh Street, one-half block west from Willamette. Manufacturer of the
Boss Cultivator!
All Work WARRANTED. None but the BEST Material used.
McNeal, one of the best wagonmakers in the State of Oregon, can now be found ready for all kinds of work in his line, at Paine's blacksmith shop on Seventh street.

Groceries!
COMEGYS & GRAY
(Successors to J. W. Bland)
Everything kept in a **First-Class Grocery.**
The Highest Price paid for Country Produce.
Comegys & Gray.

Cloverdale Dairy.
I will open a Dairy at Cloverdale, Lane Co., Or., about July 10, 1889, and will manufacture **Butter & Swiss Cheese**
Anyone wanting Cheese will please order of my agent, M. C. Close, Creswell.
A Vatuone, Prop.

SINSLAW RIVER AND BAR.
The Preliminary Examinations—Jetties Recommended—Estimated Cost \$280,190—Report of the Engineer on the Survey.
By courtesy of Hon. H. H. Gilfry we have received the printed reports upon the survey and preliminary examination of the Siuslaw river and bar. We herewith present them to our readers:
CHIEF ENGINEER'S LETTER.
OFFICE OF THE CHIEF OF ENGINEERS, UNITED STATES ARMY, Washington, D. C., Dec. 16, 1889.
Sir: I have the honor to submit herewith a report, dated Nov. 25, 1889, upon the survey of Siuslaw River and Bar, Oregon, made by Capt. Willard Young, Corps of Engineers, to comply with the requirements of the river and harbor act of August 11, 1888, and accompanying maps.
A copy of the report upon the preliminary examination of the locality, dated Dec. 22, 1888, is also herewith.
The proposed project for improvement is to build two high-tide stone jetties, located as shown on accompanying map, converging until the distance between them is about 500 feet, and then, if necessary, running out to sea parallel to each other for a sufficient distance to open and maintain a channel over the bar with a depth at low water of at least 10 feet, at a total estimated cost for both jetties of \$280,190.
Very respectfully, your obedient servant,
THOS. LINCOLN CASEY, Brig. Gen., Chief of Engineers, Hon. REDFIELD PROCTOR, Secretary of War.

PRELIMINARY EXAMINATION OF SINSLAW RIVER AND BAR.
UNITED STATES ENGINEER OFFICE, Portland, Oregon, Dec. 22, 1888.
General: I have the honor to report that the preliminary examination specified in section 13 of the river and harbor act of August 11, 1888, of the Siuslaw River and Bar, Oregon, has been made by me in compliance with the instructions contained in the letter of the Chief of Engineers, dated Sept. 29, 1888. In my opinion the Siuslaw River and Bar are worthy of improvement.
There is a strong desire on the part of the inhabitants of the Siuslaw region, and in fact of Lane county generally, that the entrance to the Siuslaw River should be improved. The principal reasons why an improvement should be undertaken are, it seems to me, that the bar is easily susceptible of improvement; that there is a fine harbor inside, and that an extensive lumbering trade will most probably be built up.
A chart of the river, made by the Coast Survey in 1883, from Florence to the sea, shows that the low-water channel depths are from 12 to 15 feet, and that the controlling depths are from 10 to 12 feet. The average width of the river at low water is shown to be about 900 feet, and the average distance between 12-foot curves about 700 feet. It is claimed that a 15-foot low-water depth can be carried to within a mile of the head of tide water, or for a distance of over 20 miles from the sea. The depth of water on the bar varies, but probably averages about 6 feet at low water. Jetties on either side of the entrance, suitably located, might be expected to increase this depth to about 10 or 12 feet. This, with an average tide of nearly 7 feet, would give a depth sufficient for the ordinary coasting vessels employed in the lumber trade. The jetties would, besides, serve to fix the position of the channel, which would be a great improvement over present conditions.
There is a large body of the very finest kind of timber on the headwaters of the river hundreds of square miles in extent. It is claimed that logs can be run down the river to tide water during the winter freshets from the very heart of this great timber belt. If so, saw mills will doubtless be established along the lower river as soon as the bar is improved so that lumber carrying vessels can run in and out with safety.
If, besides this, a railroad shall be built from the Willamette Valley to deep water near the entrance, as is claimed will certainly be done if the bar is improved, the harbor will be one of considerable importance.
The prospective commerce is, I think, sufficiently great to warrant an improvement. The cost of such an improvement as is needed would be something like \$300,000. A careful survey of the bar and its approaches, as well as of the tidal portion of the river, will be necessary before a project can be prepared and a careful estimate of the cost of improving the river and bar made. The cost would be about \$1,500 for the survey of the entrance and lower part of the river, and \$1,000 for the survey of the upper part of the river.
Very respectfully, your obedient servant,
W. YOYNS, Captain of Engineers.

REPLY OF SINSLAW RIVER AND BAR, OREGON.
UNITED STATES ENGINEER OFFICE, Portland, Oregon, Nov. 25, 1889.
General: In compliance with the instructions contained in your letter of April 1, 1889, I have the honor to herewith transmit a report of Mr. Gwynn A. Lyell, draughtsman, on the survey of Siuslaw River and Bar, Oregon.
In my report of a preliminary examination of Siuslaw River and Bar, submitted Dec. 22, 1888, I mentioned such points as I was enabled to ascertain by a personal examination and inquiry. These, in connection with the report of Mr. Lyell, are considered sufficient to show the propriety of improving Siuslaw River and Bar.
There are large bodies of the finest kind of timber along and tributary to the upper river which can not now be gotten to market at a reasonable cost. If the bar shall be so improved as to permit lumber-carrying vessels to enter and leave the river with safety, it will be possible to market this lumber at paying figures.
The timber could be gotten out with railroads, but only at a cost much in excess of that by boat. The bodies of timber that would naturally seek a market by going down the river and out over the bar are so

extensive that even the saving of \$1 per 1,000 feet in the cost of producing and delivering the lumber would amount to a sum several times greater than the estimated cost of improving the entrance. The saving, however, would probably amount to several dollars per 1,000 feet, and besides other important benefits would result from the improvement.
A tracing of the map prepared by Mr. Lyell from his field notes is sent herewith. The survey outside of the bar was not extended as far as desired, owing to the unfavorable weather prevailing at the time the surveying party was at Siuslaw. It was not considered judicious to wait for good weather to complete the outside work, as there was much other survey work for the party and boat to do elsewhere, and as the funds available for this work were limited. It is intended that the survey on and outside of the bar shall be extended at the earliest time practicable in the spring, should funds be available for this work.
The total tidal area of Siuslaw River, computed from land survey map, is 3,465 acres. The average rise and fall of the tide is about 5.5 feet. The distance from the mouth of the river to the head of tide is about 22 miles. The average tidal discharge is something like 20,000 cubic feet per second, or about one-half that at Yaquina Bay.
The controlling depths inside the entrance, as shown by the accompanying maps, are 10 feet at low water where the width of the river is about 1,100 feet. Where the river narrows the depths are greater. With the above discharge it is thought that a low water depth of 10 feet on the bar can be maintained by the construction of proper jetties.
The shores on either side of the entrance are composed of sand, and the position of the entrance channel is liable to shift within the limits of about a mile. The channel could be made to take any position within the limits of this possible shifting.
The position suggested is at the southern limit and is taken because the necessary jetties in this case will be shorter and less expensive than in any other; and because it is said that the deepest water ever known on the bar—24 feet at high water—once obtained when the channel was in this position.
PROPOSED PROJECT.
It is proposed to build two high-tide stone jetties, located about as shown on the accompanying maps, converging until the distance between them is about 500 feet, and then, if necessary, running out to sea, parallel to each other for a sufficient distance to open and maintain a channel over the bar with a depth at low water of at least 10 feet.
In order to secure the benefits of the improvements at the earliest time possible it would be well to construct a part of the jetties at least of pile cribs filled with stone, similar in construction to the work at Coquille River, Oregon. Such work could afterwards be made permanent by the use of riprap.
Spur groins should be used, if found necessary, to prevent undue scour of the face of the jetty to give a proper direction or depth to the channel between the jetties.
ESTIMATED COST.
Stone is plentiful and easily obtained a few miles up the river. It is believed that it can be placed in the jetty for \$4 per cubic yard, including all items of expense. The estimated cost of the jetties is based upon this figure.
The estimates for quantities is based upon the supposition that the top of the jetties shall be six feet above low water, the jetties being 10 feet wide on top and having a slope of 1 on 2 on the channel side, and 1 on 1 1/2 on the outside.
North jetty:
Approximate length.....feet..... 4,400
Estimated amount of stone needed to construct.....cubic yds..... 29,854
Estimated cost \$24 yds cubic yds stone, at \$4 per yard..... \$119,416
South jetty:
Approximate length..... 3,800
Estimated amount of stone needed to construct.....cubic yds..... 28,519
Estimated cost \$24 yds cubic yds stone, at \$4 per yard..... \$114,076
Estimated cost of both jetties..... 233,492
Contingencies of all kinds 20 per cent..... 46,698
Total estimated cost of both jetties..... 280,190

The commerce of Siuslaw River is at present very limited. The steam schooner Mission, of 130 tons burden, makes regular trips from Yaquina Bay about twice a month carrying in pretty full cargoes of general merchandise and cannery supplies and bringing out cargoes of canned salmon and dairy products. The salmon pack on the river this season is about 12,000 cases. The shipment of lumber from the river has not yet been commenced, owing to the unsatisfactory condition of the entrance.
A list of all vessels that have visited Siuslaw River was given in my annual report for the fiscal year ending June 30, 1889.
Very respectfully, your obedient servant,
W. YOYNS, Captain of Engineers.

REPORT OF MR. GWYNN A. LYTELL.
UNITED STATES ENGINEER OFFICE, Portland, Oregon, Nov. 23, 1889.
CAPTAIN: I have the honor to submit the following report, with map, of a preliminary survey of Siuslaw River, Oregon, made in July, 1889, in accordance with your instructions. The map is drawn to a scale of 1:5000.
The Siuslaw River rises east of the coast range of mountains, flows in a northerly direction, forming the boundary line between Douglas and Lane counties, emptying into the Pacific Ocean in latitude 44° north, longitude 124° west, approximately. There is no light house in the vicinity. A buoy marks the entrance to the river.
The entrance is long and tortuous. The channel on entering runs in a northerly direction for some distance, then turns abruptly in a southerly direction into the river.
The northwest winds and swell from that direction tend to force the channel over against the south spit, so that the breakers on the north side and sand spit on the south side have to be avoided.
There is a north and south channel, that at the north being the only one now open to navigation.
A sand flat, bare at low tide, with an area of about 130 acres, extends out almost into the channel and shifts with varying winds

Continued on fourth page.