

TORRANCE ENTERPRISE

TORRANCE THE MODERN INDUSTRIAL CITY

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LLEWELLYN'S NEW STEEL PROCESS WORKS

GAS-ELECTRIC SYSTEM REFINES ORE, ELIMINATING PIG IRON STAGE; MEANS GIGANTIC DEVELOPMENT

The Llewellyn Iron Works' secret gas-electric smelting process which transforms iron ore to high grade steel in a single process is successful.

The company has informed the State Railroad Commission that commencing about January 1 they would need 215,000 cubic feet of gas per day to operate their plant in Torrance.

For months with the secret equipment heavily guarded day and night, engineers have been experimenting upon ore at the Llewellyn Iron Works plant in Torrance, produced from a mine in San Bernardino County, a small portion of the company's vast holding in Southern California, developed for the purpose. They have perfected the process to their satisfaction and now stand ready to go forward on a quantity production basis.

The ore is changed into high grade steel, in half the time required by the methods used at present, and can be marketed on the Pacific Coast for \$15 per ton less than such steel can be laid down here from other sources.

PIG IRON STAGE ELIMINATED
As the new method eliminates entirely the pig iron stage of smelting through which iron ore passes under present processes on its way to become steel, it is believed the invention just perfected by the Llewellyn engineers will revolutionize the industry throughout the world.

Both electricity and gas are used in the process, the former to heat the ore as it enters the furnace and before it enters an electrically heated tank.

Some doubts were expressed as to the possibility of the Llewellyn company obtaining the required gas with which to put their plant in operation on a quantity basis.

MAY MAKE OWN GAS
However, the company is hoping to increase its capacity threefold by the addition of two more identical units, and the company would probably make arrangements to produce its own gas.

For years engineers have labored in Southern California and huge fortunes have been spent by men who realized what it would mean if the great iron ore deposits contiguous to Torrance could be developed. The wall which blocked their efforts was the financial impracticability of importing from great distances coke with which to do the work. It was realized that a process eliminating the use of coke must be developed, and the present gas-electric process is the result of the experiments.

Anticipating the development in the near future of some such process the Rich Steel Products Company of Detroit a few months ago opened a factory in Los Angeles, becoming the pioneer of a great train which will, if predictions come true, almost immediately follow the announcement of success at the Llewellyn plant.

According to the United States geological bulletins there are in Southern California 200,000,000 tons of high grade iron ore. One deposit, estimated at 60,000,000 tons, is located at Eagle Mountain in Riverside County, another deposit of 20,000,000 tons is at Cave Canyon, 200 miles east of Los Angeles on the Salt Lake railroad, and a third deposit of approximately 10,000,000 tons is located at Kelso, 236 miles east of this city. In addition to these vast deposits the western part of the state of Utah is said to have approximately 300,000,000 tons of iron ore. Practically all of the California ore is found in surface strata of considerable depth.

The steel which can be produced directly from the iron ore by the new process, entirely eliminating the "pig iron" stage, can be sold at \$15 less than it could be laid down here from eastern plants, and the savings which would result in the construction of city business buildings would mount into the hundreds of thousands.

Plans are being made by certain business organizations of Los Angeles, it is understood, to forcibly call the attention of the railroad commission to the manner in which the city's future is bound up with the development of its iron industry, in order that some way may be evolved, if possible, to secure the necessary gas. L. A. Examiner.

TO LOS ANGELES XMAS

Mr. and Mrs. Geo. W. Neill and daughter Miss Helen, of Post avenue, Torrance, will be dinner guests Christmas day of Mr. and Mrs. A. B. Christian of 1048 South Wilton Place, Los Angeles.

PLAYS SANTA TO 30 CHILDREN

Plans are almost complete to day for one of the great events in the life of Mrs. G. A. Proctor of Gramercy avenue, when at twilight tonight preparations that have been under way for the past fortnight will have been culminated in the expression of the true Yuletide season, when thirty or more children in her block, on each side of the street, will gather in her home and behold their Christmas tree. The beautiful tree is for her neighbor children friends and the joy in that home will be an expression of childish glee as they gather around the lighted candles and glowing and sparkling tinsel, with red and green Christmas bells hung here and there. On Christmas day Mr. and Mrs. Proctor will serve a turkey dinner in the evening to twenty or more friends and relatives, who will come from different parts of Southern California, as follows: Mr. and Mrs. Nell Baker and daughter Katherine of Whittier; Mr. and Mrs. C. E. Risby and son Harold of Los Angeles; Mr. and Mrs. Wm. Earl and son Richard, of Venice; Mr. and Mrs. Lyman Proctor and son Marlan of Lankershim; Mr. and Mrs. L. A. Clampet and son Besse of Lankershim; Mrs. Allen Van Ornum of Los Angeles; Mrs. Nettie Steinilber and son Frank, and Mr. and Mrs. G. A. Proctor. The decorations for the home were of red and green, with holly predominating throughout the dining and living rooms.

WHO'S YOUR QUEEN

Well, folks, you have had a week to decide who is the most beautiful lady in our midst. Better get busy on this, and prepare to send your favorite to Long Beach to represent your city at the Industrial Exposition January 31 to February 5. The votes are 1 cent each and the tickets are all printed ready for you. In Torrance committees for electing a Queen will be appointed by the chamber of commerce. In Lomita a committee is already working in conjunction with the Parent-Teachers Association and selections will be made on the tickets as voted. There is no limit as to the number of votes that may be cast during a certain period, designated by the committee in charge. At least \$50 should be set aside for the young lady's wardrobe, and all money over that amount may be handled by the committee as they see fit and apply it to community benefits.

WHITE HOUSE CAFE SOLD

The White House Cafe was purchased Tuesday of this week by Mrs. O. M. Davis, who has been employed at the Ironton Cafe for several months as chief cook. Mrs. Davis will take charge next Wednesday morning and will be pleased to have her former patrons and friends call at the White House and inspect the cafe under her management. Home cooking and home pastry will feature the excellent service promised by the new management. Mr. and Mrs. Wilder, former owners have been in charge since August, the former acting as chef, who will, it is understood, re-enter the marine service. Mrs. Davis is well and favorably known in Torrance and has made for herself a reputation for serving home cooked meals and pastries.

U. T. CO. DANCE

The benefit dance given by the boys of the Union Tool Company last Tuesday evening in Campbell hall, Torrance, to raise funds for the U. T. Co. band and ball team, was well patronized, over 500 tickets having been sold for the affair; before 8 o'clock that evening. D. Mark's orchestra furnished the music which held the crowd until a late hour. The hall had been specially prepared for the occasion and the floor was fine, and with the "tantalizing" and "coaxing" music no wall flowers were noticed. The affair was far more successful than anticipated, and was gotten up by a bunch of hustlers in short notice. G. A. Proctor, acting as floor manager, Joe Stone, chef.

SOME SUITS

Through an exceptional buy, Sam Levy, Torrance tailor, has some very fine men's suits which he is showing—and the price—some of the suits originally sold at \$65, but are now going as low as \$25. Many young men have already taken advantage of this low price and bought their Christmas suits.—D-24.

BIRTHS

Born—To the wife of A. H. Bartlett, Thursday morning at 2:00 a. m. in a Pasadena hospital, a baby girl. Both Mrs. Bartlett and baby are doing nicely.

"Hardware" Reeve—Stoves

Mrs. May McKinley and son Forest of Cota street will spend Christmas Day with relatives in Los Angeles.

To You and Yours

OUR CHRISTMAS WISH

IT REQUIRES not the occasion of Christmas with its joys, cheer and prevalent good will, to arouse in us a sense of the appreciation due patrons of this paper.

In our hearts and minds are gratitude and good thoughts for you during every day of the year; but Christmas hallows our sentiments and makes their expression fitting and timely.

Such as we have accomplished and such good as may be traceable to our efforts would not have been possible without your sustaining power and co-operation. If in any sense we have upheld a beacon, you have supplied oil for the lamp. If ours has been a chariot, yours has been the motive element which has kept it on its way.

All characters appealing to or endeavoring to entertain the public, must be given a certain meed of applause or they cannot exist. With those engaged in publishing a newspaper, the applause comes in the interest which readers manifest in its columns and in an occasional word of approval. The practical help of subscribers and advertisers has enabled us to maintain a publication standard; their encouragement has furnished the degree of pleasure necessary as an incentive to our daily tasks.

May the spirit of Christmas work for you the full degree of its bountifulness. May you be enabled to get the same amount of pleasure and benefit from these columns that we have derived from making them.

THE PUBLISHERS

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FORMER REDONDO BEACH MAYOR CONVICTED IN S. F.

SAN FRANCISCO, Dec. 23.—Harry Brolaski, broker, adjudged guilty by a Federal jury of conspiring to violate the prohibition law, will appeal to the highest court in the land, he announced today. "I figure that I will keep on the outside for at least six years by appealing before I go to jail, providing Judge M. T. Doelling sees fit to send me to jail," Brolaski said. "In my attorney's opinion Judge Doelling erred in ordering the jury to retire after the foreman said the jury was hopelessly deadlocked. In any event I am not worrying. I hope to beat this case in the end." Brolaski was a former mayor of Redondo Beach and for a time during his term of office made things lively in the beach town.

NOTICE

There has been a change in Nucleo by the association. All Country stores will charge 36c per pound and city stores will charge 35c per pound.

F. H. NELL.

AS TORRANCE'S OFFICIAL REPRESENTATIVE

At The Long Beach Industrial Exposition.

My Choice Is

(name)

(address)

Number of Votes at 1c Each

PRETTY CALENDARS AT BANK

The First National Bank of Torrance is giving away to their friends and patrons a very pretty and attractive 1921 calendar. With a blue background, a baby boy is sitting in an ivory finished chair, sound asleep, the whole setting making an attractive picture, and one that recalls many such scenes in life. For business houses a large double calendar is their remembrance for the Yuletide.

NEEDLE WORK SHOP OPEN

With much optimism for the future growth of Torrance, and the ultimate growth to warrant the support of a Needle Work Shop, Mrs. John Garner, formerly of Long Beach, but recently a resident of Torrance has opened a store in the Steffen Building and has a choice selection of fancy goods that appeal to women folks. The assortment, however, is not large, but elegant, and will be added to as the demand warrants, the public being taken into confidence to make the selections. Mrs. Garner stated yesterday that she was well pleased with the patronage she had received so far and many beautiful Christmas presents had been carried away from her store by satisfied customers.

GUESTS AT TORRANCE HOTEL

Mr. and Mrs. Gerast motored from Delta Colorado and arrived here a few days ago. Mr. and Mrs. Lewis Logan arrived from Bridgeport, Connecticut, last Monday. Mr. and Mrs. F. B. Unks of Omaha, Nebraska, are registered at the Torrance Hotel. C. L. Braido from Castle Pennsylvania. Mrs. H. P. Burton, formerly a dress maker of Torrance.

CALL INCORPORATION ELECTION FEB. 1

AFTER SEVERAL WEEKS WORK BY INCORPORATION COMMITTEE, BOUNDARIES ARE SET THE BY SUPERVISORS

(By P. G. Briney)

After many weeks of work, the Torrance committee on incorporation has succeeded in obtaining an order from the board of supervisors establishing the boundaries of the proposed city of Torrance and setting the date for the holding of the election to determine whether Torrance shall incorporate.

The committee, after attending a mass meeting in the City of Redondo, held for the purpose of ascertaining the wishes of the inhabitants of the district lying between Torrance and Redondo in regard to incorporation, proceeded to draft the petition for incorporation of Torrance, omitting from the boundaries of the proposed incorporation the territory between Torrance and Redondo inhabited by those persons who were so far distant from the factories and stores as to feel that they would not be benefited by being included in the city of Torrance.

The original date for the hearing on the petition was set for the first week in November, but owing to several postponements of the matter to give time for the preparation of evidence, both on behalf of the committee and on behalf of certain landed interests who were desirous of excluding their holdings from the incorporation limits, the matter did not come to issue until Monday, December 13th. After a heated session the board of supervisors decided to make a trip to Torrance and look over the proposed boundaries, which was done on Wednesday, December 15th, and the hearing continued to Monday, December 20th. At the hearing on the latter date the boundaries described below were determined upon by the board as the boundaries of the proposed city of Torrance, except as mentioned below, and there being no objection offered the board made its order to that effect and set February 1st 1921 as the date for the holding of the election. The only objection offered at the last hearing was by a resident of the City of Los Angeles, who feared that her property (a vacant lot in Torrance) might be taxed in order to raise funds, with which to complete the Torrance Auditorium building. Amid some laughter on the part of residents of Torrance who were present, it was explained to the board of supervisors that the Torrance Auditorium is not a public building but is being built entirely by private capital and it would be impossible to use public funds on the building, and that furthermore, all the money necessary to complete said building has already been negotiated for and will undoubtedly be in the hands of the directors of the Auditorium Company in a few days.

As determined upon by the board of supervisors, the boundaries will be as follows approximately:

On the west the line will coincide with the west side of the shooting strip; on the south the north line of Acacia street, Lomita; on the west the west line of the Dominguez Company property (which is also the line followed by the Torrance-Redondo road for a distance of a quarter of a mile at point commonly called the "Jog" in the Torrance-Redondo road, on the north the line parallels the north line of the Dominguez Land Corporation's property and distant therefrom one thousand feet north. Thus it will be seen that the proposed corporation limits will include a strip one thousand feet wide on the north of the present townsite, and a strip on the south as wide as the distance from the old Long Beach-Redondo road to Acacia street, Lomita.

Watch for notice within the next two weeks, of a mass meeting to be called by the chamber of commerce to allow the people of Torrance and Lomita to get together on this most important subject, and provide an opportunity time for explaining it in detail, and for all voters who desire to ask questions regarding incorporation. Be prepared to come and offer your suggestions or ask questions and then tell your neighbors that Torrance must incorporate, leave off its swaddling clothes and take its place among the cities of Southern California.

Neither space nor time, even with the aid of the imagination will allow the setting forth here of all the intricate details and points which are sure to be brought out at the coming mass meeting, and it is expected that the report of that meeting will cover minutely all the questions to arise in regard to incorporation.

"Hardware" Reeve—Stoves