

PETROLEUM FOR FUEL

Work on Supply Tanks Begins at Once

N. C. Co. Will Build Two Each at Circle City, Tanana and Andrafsky.

Manager Mizner of the N. C. Co. by the last mail, which arrived yesterday, received complete plans and specifications of the enormous storage tanks that are to be built this season along the lower river for the storage of crude petroleum, which hereafter will be exclusively used as fuel on the steamers of the N. C. fleet. By the same boat there also arrived Mr. G. D. Leonard direct from San Francisco, who will have charge of the construction work.

Several months ago the Nugget gave out the exclusive information in reference to this proposed change, stating that such a course had been determined upon by the company after the most exhaustive experiments had for the purpose of ascertaining whether the excessive cold of the far north would in any way impair the utility of the oil as fuel. During the course of these experiments the oil was exposed to a temperature of 80 degrees below zero, and the only change noted in its appearance was a slight thickening, which, however, disappeared upon the temperature being raised. Every one of the N. C. steamers will be equipped to burn oil but will be so arranged that should an emergency arise the grates can be changed to accommodate wood in a few moments.

The letter to Mr. Mizner states that the material for the construction of the tanks has all been shipped via St. Michael and it is presumed to be on the ground where it is to be used by the time Mr. Leonard reaches his destination. This season there will be but three supply stations built on the river, one at Circle City, one at Tanana and one at Andrafsky, but the probabilities are that one will be put up at Eagle

early next spring, which will be the farthest station up the river. At Circle City there will be two tanks erected each with a capacity of 2500 barrels. The same number and of the same capacity will be put up at Tanana, but at Andrafsky there will be one of 5000 and one of 2500 barrel size. The tanks are to be made of California redwood staves, will have galvanized iron roofs and will be situated on the river bank convenient for the steamers at any stage of water. St. Michael will be the main supply point where ten tanks each of the capacity of 10,000 barrels will be erected. Three oil barges are now being built at the lower river port for use in transporting the oil from St. Michael to the supply stations. Unloading a cargo at one of the stations will require but a few moments as an 8-inch centrifugal pump on the steamer that does the towing will quickly pump a barge dry. Each of the freight and passenger steamers will be fitted with a 500-gallon tank in the hold of the vessel which will hold sufficient to carry the steamer between stations. The manner of taking on a load of fuel will be very simple. The inlet to and the discharge from the tank is eight inches in diameter and all that will be necessary will be to connect the hose from the tank to the tank aboard the steamer when the latter will quickly fill by gravity.

Mr. Leonard's orders are to rush the work so that it will be entirely completed before the arrival of winter. He proceeds from here to Circle where the first tanks will be put up, thence to Tanana and on to Andrafsky. He estimates each station will require about three weeks in which to do the work and after that at the last named is completed he will take his crew and go to St. Michael to assist those sent up from San Francisco to do the work at that point. The transportation of the oil from San Francisco to St. Michael will be done by means of a tank ship which is being built for that purpose.

Bakersfield county, California, is the source of supply from which the oil comes, a pipe line having been built from the oil fields direct to Point Richmond on San Francisco bay, where the ships may moor alongside the huge storage tanks and take on their cargoes with little or no effort. In speaking of the changes that may arise as the direct result of using cheaper fuel, Mr. Mizner said:

"The first boat that arrives from

St. Michael next year will demonstrate the superiority of oil over any other fuel. The saving in the cost of operating our boats will in the aggregate be tremendous. On the large boats we can do with a crew of twenty-five less men and will save three days time in the trip from St. Michael to Dawson. The steamers will all be changed to oil burners this winter but I do not know whether the material will be shipped in and the alterations made here or not; the steamers may all winter at St. Michael this season. What will interest the people most in this respect, however, is that next year we can lay goods down in Dawson cheaper than ever before and what we save in freight rates we propose to give the consumers the benefit of."

F. H. AMES IN DAWSON

Head of Big Mercantile Company Arrives

Is Pleased With Business Outlook and Will Increase Facilities.

Mr. Frank H. Ames with his bride arrived on the Whitehorse yesterday and after remaining in Dawson for probably a week will proceed on down the river en route to Nome.

Mr. Ames is head of the wellknown and deservedly popular concern known as the Ames Mercantile Company, which, besides having a large business here, is also similarly interested at Nome. The head offices of the company are in San Francisco.

In a short conversation with a Nugget representative today Mr. Ames spoke quite enthusiastically of the present outlook for business in Dawson. He said he had come to Dawson with the view of looking over the field and if warranted by the outlook the company would arrange at once for a substantial expansion of its business by the addition of greater accommodation and larger importations of goods.

Since his arrival Mr. Ames says he

SHIRT SPECIAL

FINE SILK FRONT SHIRTS FOR \$1.00 REGULAR \$2.50 VALUES

SEE THEM IN OUR WINDOW

FIRST AVENUE **HERSHBERG** The Reliable Clothing Co. 1st Ave. Opposite White Pass Dock

finds that the outlook fully warrants all contemplated expansion and increase of the company's facilities for doing business in Dawson and such improvements will be made in time to accommodate the increased heavy importations to be made within the present season.

The business done by the Ames Mercantile Company in Dawson during the past year under the able management of Mr. W. H. Parsons, assisted by Mr. Gray, is so eminently satisfactory to the head of the company as to fully justify his decision to increase their facilities commensurate with the increased business growth and popularity of the company in Dawson.

In speaking of the Nome country Mr. Ames says it is growing better with each succeeding year and that the present season will be the best yet known. He says a mining syndicate is spending \$250,000 in constructing a ditch 25 miles long which will conduct water from Hobson creek to Anvil and Dexter, both of which are very rich but have formerly been under the disadvantages incident to a scarcity of water.

Another evidence that the Nome country is yet in its infancy from a mining standpoint is that the Wild Goose Mining Company is this season installing a pumping plant at a cost of \$400,000 to put water on its property on Anvil and other creeks. The same company is also constructing a railroad fifteen miles long to tap Council and Ophir creeks. The wild rush to Nome is over, the country has settled down on a solid working basis and its future for several years to come as a steady and

substantial producer of gold is assured.

Mr. and Mrs. Ames will probably leave Dawson on the Sarah which is the next passenger steamer due from St. Michael. They will remain some weeks at Nome, returning to San Francisco before the close of navigation. They expect to spend next winter in Europe.

Change of Location

Tonight Mr. I. Rosenthal, wholesale liquor dealer, will remove his

place of business from the dock into the McDonald building, the first floor of which has been converted into commercial business quarters. Mr. Rosenthal will be ready for business at his new location tomorrow morning.

Three-burner Blue Flame in good condition, \$8.00. L. J. dentist, room 15, N. C. building.

Special power of attorney sale at the Nugget office.

WE have added a Special Department for Family Trade. We are prepared to fill your orders from one bottle up. Our prices are the lowest and our stock the best. Give us a small trial order.

I. Rosenthal & Co.

Wholesale Liquors...

Mail Orders Receive Prompt Attention. McDONALD HOTEL BLDG.

DRINK A. B. C. BEER.

City Drayage and Express. **DAWSON TRANSFER CO.** Day and Night Service. CHANGE OF TIME TABLE—On and After May 28, 1903. —STAGES— Leave Dawson... 8:30 a. m. and 6 p. m. Leave Forks... 1:30 a. m. and 10 p. m. Phones—Omece, No. 6; Night Phone No. 2. Freighting to all the Creeks. OFFICE, N. C. BLDG.

THE LARGEST STOCK OF GOODS

IN EVERY DEPARTMENT EVER SHIPPED NORTH

Grocery Department

Largest Variety, Best Brands, Fresh Goods.

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All New Goods. Ladies' Waists, Silk and French Flannels; Draperies; Laces; Dress Goods; Lace Collars; Belts, Etc.

LARGE ASSORTMENT OF PRESSED AND CUT GLASS

Machinery Department

The Celebrated Climax and Atlas Engines, any Horsepower. All Sizes and Kinds of Pumps, Boilers, and Hoists. Buckboards, Concord Buggies, Wagons, Dump Carts, Etc.

Hardware Department

Just Received All Kinds of Plain and Fancy Tea Sets, Toilet Sets, Etc.

....NORTHERN COMMERCIAL CO....

6 PAGES

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LOOKS LIKE INFANTICIDE

On Part of Sevent Year-Old Della E

Who is Under Arrest in S Pending Some Further Investigation.

Special to the Daily Nugget. Seattle, July 31.—Seattle's coroner is investigating another case of infant murder very similar to the Underwood affair. The mother of the dead infant is Della Ellis, 27 years old and unmarried. Under arrest pending analysis of baby's stomach as it is believed poisoned her offspring. She had a medical man to kill her baby should be born. Now she denies she was really fond of her child. Analysis will disprove charge of poisoning and the baby died of accidental smothering.

Boer Farmers Special to the Daily Nugget. London, July 31.—The government has decided to send parties of Boer farmers northwest to study Canadian methods with the view of installing them on their own system.

The Ladue

Quartz Mill

IS NOW IN OPERAT

We have made a large number of tests and are ready to make others.

We have the best money will buy and guarantee all our work in mill and also in the

Assay Office

GOOD

IN

GR

DES BRIS

Successors to

20% Disc

On All Lines of

A FEW OF OUR White Enamel Chamber Grey Granite Tea Pots, Grey Granite Coffee Pots, White Granite Wash Bowls

McLennan,