

## AN UP TO DATE MINE.

**How Winter Sluicing Is Successfully Carried On.**

**A Splendid Plant Located on No. 36 Above on Sulphur—A Most Extensive System of Works.**

Should the shade of a departed sour dough, who left this earth last year, return to earthly realms and visit No. 36 above on Sulphur, it would undoubtedly receive such a shock that it would be unable to depart for some hours. For, in direct contrast stand the old style of burning with the finest plant in Klondike. The boilers are powerful enough to run three dozen or more plants, besides two engines and several pumps.

The dirt is hoisted in a cage or double elevator, the men below running wheel barrows on the elevator, and one side goes up and the other comes down, so that all the weight that is really raised is the load of dirt.

At the present time the plant is located on the lower end of the claim and a 20-foot tunnel is being driven to the upper end, where the pay has been cut across and some drifting done. The tunnel will be 450 feet long and the upper drifts are 180 feet wide, with pay five to six feet deep.

Mr. Stiles, who has charge of the claim is certainly a practical as well as inventive genius. He has just perfected a winter sluicing apparatus and automatic tailing remover that will revolutionize mining on a large scale. The water from the drifts is collected by ditches from the various tunnels to a reservoir below the sluice room and a pump below ground raises it to a tank at the end of the sluice boxes. A three-inch rotary pump lifts the water from a second tank connected with the first at a slightly higher elevation, thus being free of sediment, and forces it to the head of the sluice boxes, seven in number, with 99 1/2 feet of iron shod riffles. The boxes are 11x18 inches and are set on an 11-inch grade, so that the water rushes through, carrying most of the bedrock and gravel below on to a seven-foot grizzly made of quarter inch by two inch steel bars, set one-eighth of an inch apart, and moved back and forward at the rate of 75 or 80 strokes to the minute. The bedrock and gravel are thus cleansed of sediment and shot out into the tailing car. This car is run up an incline and dumps on either side by a cleverly arranged lever and trigger. Thus the ever perplexing tailing proposition is settled, and at a saving of several men's labor. Two cars will be stationed along the line of boxes and the heavier tailings forked out into them and run out and the car returned by a gravity system.

The water is kept warm by 72 feet of steam pipes running through the upper boxes, utilizing the exhaust from the boilers. The men's comfort is provided for by means of a hot air box, the warm air being collected from over the boilers and fanned to the sluice room.

It was feared at first that the sediment in the lower tank would prove troublesome but several trials have proven that it undoubtedly settles in the end of the tank, where it is dropped and is occasionally shovelled out.

Mr. Stiles may well feel proud of his work and the successful way his plans have been carried out. Now, in the dead of winter sluicing will be carried on and the paydirt run from the tunnels directly to the sluice boxes.

The sight of such a plant is well worth a trip to the creeks. The Nugget representative was most courteously shown over the plant and felt fully repaid for the time expended.

### Thanksgiving on Dominion.

Mr. M. J. McNeil gave a ball Thanksgiving night that was attended by the elite of the creek, and the affair went off with much success, the guests being splendidly entertained and a thoroughly enjoyable evening spent. Mrs. G. E. Simpson entertained with a Kanaka song. Mr. Chisholm with Scotch songs, Mr. Oleson with a Highland fling, Mr. Fuchs with a German song, Mr. Shadwell with songs and a quartette of jolly Scotchmen did an old time Scotch reel.

Among those present were Mrs. P. J. Maloney, Mr. and Mrs. Rodrick Marton, Mr. Sproul and Henry Berkes of

Sulphur creek; Mr. and Mrs. McNiven, Mr. and Mrs. E. A. Hering, Mr. and Mrs. G. E. Simpson, Mr. and Mrs. A. W. Robinson, Mr. and Mrs. Fred Card, Mr. and Mrs. Banks, Mrs. Spencer, Mrs. Scott, Mrs. Mina Holmes, Miss Julian, Miss Girbes and Miss Hollingsworth. A number of gentlemen from the various claims were also in attendance.

Mr. and Mrs. A. W. Robinson will entertain their friends Christmas with a ball, and Mr. and Mrs. Fred Card will give a masque ball on New Years. Bartlett Brothers gave a grand masque ball Thanksgiving night, at Cariboo hotel. A number of girls came out from Dawson and a large crowd spent a very pleasant evening. A fine supper was served to the guests.

### Another Lost Man.

The following letter received at The Nugget office, Nov. 30, is self-explanatory. Anyone having information concerning the party in question is requested to communicate with those interested:

Fort Egbert, Alaska, Nov. 25, 1899. The Klondike Nugget, Dawson, Y. T. Gentlemen: I am in receipt of a letter making inquiry as to the whereabouts of Mr. James Brace. His sister, who writes me, says that he was last heard from a year ago, at which time he was in Dawson. A rumor has reached his family that he is dead.

Mr. Brace was a well educated man—a graduate of Cornell university; 30 years old, tall and well built; had blue eyes and brown hair.

If you can verify his death and learn place and particulars thereof, or if he is living, discover his present place of living, and will kindly communicate the facts to me you will put his family, as well as myself, under lasting obligations to you. Very respectfully,

W. E. PURVIANCE,  
Captain Medical Department,  
U. S. Army.

### Happily Married.

On Thursday evening last Mr. Dufferin Pattullo and Mrs. Lillian Miles were quietly married at their new residence on Fifth street and Sixth avenue, Rev. Mr. Wright officiating. The wedding was strictly private, only the intimate friends of the contracting parties being present. Mr. Pattullo came into Dawson in the summer of 1898 as private secretary to Major Walsh. After the major's retirement Mr. Pattullo returned to Dawson, and last winter was appointed as timber agent at Fort Selkirk. In the spring he was transferred to the gold commissioner's office in Dawson, where he occupies the position of assistant to the commissioner.

The bride came to Dawson last summer. Both parties are well-known in the city and have the congratulations of a host of friends.

### Want a Trail Up Hunker.

The Yukon council has been petitioned for the construction of a trail up the left fork of Hunker and down to Dominion by way of Lombard. The ridge road is the trail usually taken at present but when cold weather sets in, if it does become cold this winter, travel on the ridge will become rather unpleasant if not dangerous. Last winter nearly all the travel to Dominion went up Hunker and in consequence the road houses on the latter creek made extensive preparations for a big business this year. Thus far, however, their hopes have been disappointed and business has been light, owing to the travel on the ridge.

### Strike on the Koyukuk.

News of a strike on the Koyukuk river was brought to Dawson with the arrival of the last United States mail.

Jim McPike a well-known Circle City man has a brother who for some time had been prospecting on the Koyukuk. On Nov. 8 McPike received a letter from his brother telling him of a strike which he had made. Jim left immediately with a party of friends and they intend to remain all winter and work on the new diggings. According to the reports received at Circle the new diggings will run from \$30 to \$150 per day to the shovel.

### Will Increase Membership.

At a regular meeting of the Dawson Eagles Club held in McDonald's hall Sunday night it was decided to accept as members of the club all those who desire to join the order upon the arrival of the expected charter. The club membership fee is only \$2, and it is expected that upwards of 50 new members will be received next Sunday night. Immediately upon the arrival of the charter from the grand lodge in Seattle, an aerie of Eagles will be instituted in this city.

Ladies' gold and filled watches, diamonds and cluster jewelry at Albert Mayer, Monte Carlo building. Souvenir jewelry to order.

## MAIL FOR LOWER RIVER.

**H. W. Diffenderfer Leaves With Six Sacks.**

**The Trail Between Dawson and Circle Is Good—Will Be a Good Trail to Nome.**

H. W. Diffenderfer, carrier of United States mail, has left Dawson for the lower river carrying the mail for Eagle, Circle and other points as far down the river as Tanana. The route upon which Diffenderfer is working runs from Juneau to the mouth of the Tanana. As far as Dawson the mail is handled in conjunction with the Dawson mail.

Diffenderfer left Dawson on Nov. 11, with the last mail which went down. On Nov. 24 he met Lars, the other carrier who was bringing the outward bound mail to Dawson. The two men exchanged loads and Diffenderfer returned to Dawson, bringing the mail with him.

On his present trip he takes six sacks of mail with him for all points between Fortymile and Tanana. He has five dogs and expects to reach Circle City in 15 days. Between Fortymile and Eagle there are still 40 miles of open water. Below Eagle the river is entirely frozen over and the trail is in good condition. In Diffenderfer's opinion the trail to Nome will be a good one for nearly the entire distance. Already with the exception of a small distance this side of Circle City the trail is in excellent shape and will naturally improve as travel increases.

### Gold Run Notes.

A young German employed on No. 34 Gold Run had a very narrow escape from death last Tuesday. He was rushing wood down a steep hill and slipped, falling with his head against a tree and the sled jammed into his head, causing several severe wounds about the face and head. The heavy wool cap he wore was torn completely to pieces. The man is doing quite well and will be at work in a few days.

An opening dance was given at the Portland hotel, on No. 30 below lower, on Dominion last Friday, and a very pleasant time was spent by those present—some 200 in number.

On No. 34 Gold Run, a layman recently took a \$24 pan on bedrock and a \$9 one above in the gravel.

### ALONE.

Since she went home  
The evening shadows linger longer here,  
The winter days fill so much of the year,  
And even summer winds are chill and drear—

Since she went home.

Since she went home  
The Robin's note has touched a minor strain,  
The old glad songs breathe but a sad refrain,  
And laughter sobs with hidden bitter pain—

Since she went home.

Since she went home  
How still the empty rooms her presence blessed,  
Untouched the pillows that her dear head pressed,  
My lonely heart hath nowhere for its rest

Since she went home.

Since she went home  
The long, long days have crept away,  
Like years,  
The sunlight has been dimmed with doubts and fears,  
And the dark nights have rained in lonely tears—

Since she went home.

—Robert Burdette.

A valuable and appropriate souvenir of the country is The Nugget's special edition. Send one out by Nugget Express. Well written articles, finely illustrated, thoroughly authentic.

Eagle milk, Highland cream, 99 cream, St. Charles cream, corn, tomatoes, peas, string beans, 3 cans for \$1, at Mohr & Wilkens.

There is virtue in our medicinal cough drops; stop that hacking. Reid & Co., chemists.

Solid silver toilet sets at Sale & Co.

The Nugget Express will start a dog team for Cape Nome and intermediate points after the freeze-up. Letters and small packages may be left at office on Boyle's wharf.

## THEATRES.

### OPERA HOUSE.

**NEW PEOPLE. NEW PEOPLE.**

The Latest Songs and Dances. Entirely New Sketches.

UPROARIOUS LAUGHTER. SUPREME JOLLITY.

OPERA HOUSE COMPANY.

**THE Monte Carlo**

...THEATRE...  
Crowded to The Doors Each Night.

Entire Change of Program Every Week.  
SEE OUR NEW PEOPLE.

The Monte Carlo has recently been newly refitted and is now the handsomest theatre in the northwest. Drop in and have some fun.

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THE BEER THAT MADE MILWAUKEE FAMOUS.

BUY A BARREL.

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Something New. Perfect Working.

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For Sale at McDonald & Dunham Warehouse, 2d st. and 3d ave., Day's Addition; Also at 3d ave., cor 1st st.

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Freshest, finest, fattest beef, pork and mutton in Dawson. Wholesale and retail. Special prices to restaurants, steamboats and hotels.

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Well Cooked Food and Comforts of Home.  
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**Clang! Clang! Clang!**  
Goes the hammer on the anvil. Blacksmithing by blacksmiths, horseshoeing by horseshoers, wagon making by wagon makers.  
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