

# The Hedley Gazette

AND SIMILKAMEEN ADVERTISER.

VOLUME IX.

HEDLEY, B. C., THURSDAY, JANUARY 1, 1914.

NUMBER 52.

**Dr. C. A. JACKSON**  
DENTIST  
(18 years practice in Vancouver.)  
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PENTICTON, B. C.

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**Hedley Miners' and Millmen's  
Union, No. 101, W. F. of M.**  
Regular meetings of the Hedley Local No. 101 are held on the first and third Wednesday in the month in Fraternity hall and the second and fourth Wednesday at the N. P. Mine.  
O. M. STEVENS President T. R. WILLEY Fin-Secretary

**A. F. & A.**  
REGULAR monthly meetings of Hedley Lodge No. 43, A. F. & A. M. are held on the second Friday in each month in Fraternity hall, Hedley. Visiting brethren are cordially invited to attend.  
S. E. HAMILTON, W. M. H. D. BARNES, Secretary

**MODERN WOODMEN  
OF AMERICA**  
Hedley Local Camp meets in Fraternity Hall the first Thursday only in the month.  
R. J. CORRIGAN, Council H. G. FREEMAN, Clerk

**L. O. L.**  
Regular monthly meetings of Hedley Lodge 174 are held on the third Monday in every month in Fraternity Hall. Visiting brethren are cordially invited to attend.  
H. J. JONES, W. M. G. H. TURNER, Sec't.

**DR. J. L. MASTERS**  
DENTIST  
Will be at Home office in Oroville, 1st to 20th of each month.  
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COLUMBIA LAND SURVEYOR  
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MONEY TO LOAN  
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HEDLEY B. C.  
Bar and Table the Best. Rates Moderate  
First Class Accommodation  
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HEDLEY, British Columbia  
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Bar Stocked with Best Brands  
of Liquor and Cigars  
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## CAMP HEDLEY OPERATIONS IN 1913

**Nickel Plate Increases Its Production for the Year  
and Permits Another Thirty per cent  
Distribution of Profits**

### TOTAL OUTPUT NOW NEARS FIVE AND A HALF MILLIONS

**Former High Extraction is Maintained and Development  
Has Been Faithfully Pushed to Take Care of  
Future—A Most Successful Year**

While the outside world is complaining of money stringency, and a worldwide trade depression has made hard times in the trade centres of all lands, Camp Hedley is able to go on in the even tenor of its way, and the end of the year finds trade as good and money as plentiful as it has ever been. In fact the only difference between the present Christmas season and that of past years is that this one has been decidedly the best.

This of course is due to the splendid record of the Nickel Plate mine upon which the town subsists, and also to the confidence of the owners in the future of the mine which has led them to make plans for important extension of their operations. The final quarterly dividend for the past year, announced three weeks ago, and made payable on the first of January, called for a distribution of a bonus of twelve per cent for the quarter in addition to the regular three per cent quarterly. While this is only a repetition of what was done last year when thirty per cent on the outstanding capital of the mine was paid in dividends, it is known that a good surplus is carried to rest out of the profits of the year's operations in addition to the thirty per cent distributed, and that the dividend was declared when it was known that work had already started on the installation of a power plant on the Similkameen River which is bound to cost a large sum of money the maintenance of last year's dividend takes on a new significance and gives abundant reason for entertaining a very bright outlook.

#### MINE DEVELOPMENT

In mine development the past year has been notable in that it has witnessed the carrying out, or rather the first real commencement, of a work which has to do with the future of the mine, since that prosecuted in the opening up of the property before production began, and the driving of No. 4 tunnel in 1905. From the end of 1905 until the taking over of the property by the present owners in August 1909 there was no work done that could properly be called development, for it had reference merely to the immediate wants of the mine in ore extraction; but this year it has been confined wholly to carrying forward of a great work—the sinking of the Dickson incline which is designed to be the great highway for the ores of the Nickel Plate and adjacent properties for years to come. It is true that immediately upon taking over the Nickel Plate the present company began extensive opening up of ground adjacent to the old workings, but almost invariably it was in good pay ore and it consisted merely in the blocking out of ore and preparing stations, chutes and pockets for the extraction of ore in the immediate future.

The Dickson incline is in many respects different from that as it has to do with the more distant as well as the nearer future. A year ago when reviewing the progress for 1912 we gave some idea of what it was to be and its purport. A start had been made on it in the closing weeks of 1912, but the work done then consisted in cutting a head station and pocket to accommodate the gallow's frame, and several weeks of the beginning of 1913 were consumed in completing the head work in readiness to start in on the work of driving the incline. During the year it was driven down about 700 feet and the end of the year again finds the incline crew at work cutting a station, but this time it is the station at the 600 foot level from its portal. At that time one of the known but as yet unopened ore

bodies which the incline is meant to accommodate, is known to be in close proximity and the present is considered an opportune time to make ready the station and chute from which it can be gone after. The Dickson Incline is 8x16 feet in the clear and provides for double track and man-way. Its portal is in No. 4 tunnel about 800 feet from the portal of No. 4, and 300 feet below the old glory hole. It is projected for a depth of 3000 feet on an angle of 30 degrees without an inch of deviation in either direction or grade. For the first 200 feet of sinking it was in ore on what is known as the great Nickel Plate No. 2 ore body which dips at an angle several degrees flatter than the Dickson incline which was given a 30 degree angle in order to insure having it below all known ore bodies. The existence of this No. 2 ore body was unknown to the former owners who sold to the present owners four years ago; and since then they have opened it up by means of another incline higher up in it known as No. 5 incline and opened out on five levels, from four of which they have been extracting ore for the last year, although ore has been coming out of it for three years. That was the development before referred to as having occupied the present owners from the time they took over the mine until the Dickson incline was started a year ago.

A point which it is well to note in connection with the year's development in the mine is that no construction account was kept and all was charged to operating expenses, whether it was the prosecution of a great work to serve for the future as in the case of the Dickson incline or the new mine buildings erected down on the line of the lower car track near the mouth of No. 4 tunnel.

In exploration by diamond drill 1300 feet was done during the year on the Nickel Plate which is less than in former years but a stage has been reached when it was not so necessary, and it can be more satisfactorily and economically done when the new power plant has been completed and there is abundant power for everything.

#### OUTSIDE DEVELOPMENT AND CONSTRUCTION

With concentration of work on the lower levels of the Nickel Plate and the fact that the old mine buildings on the upper trolley track leading to No. 3 tunnel has been outgrown, the year saw the erection of new buildings on the lower track comprising new store, warehouse, machine shop, powder thawing house, blacksmith shop, capping house, and on the No. 3 tunnel level the old buildings were renovated and repaired.

The gravity tramway also saw extensive repairs made. Seventy per cent of the ties were renewed and a new head gear is being put in at the ore bins. The new headgear put in over a year ago at the central station which was formerly a continual source of trouble and periodical breakdowns has afforded a year of efficiency, peace and contentment. The new one for the ore bins will have heavier shafting and designed for heavier and severer traffic which is bound to come as the works are extended and the output increased.

#### ORE PRODUCTION

The ore tonnage for the year will likely be found to exceed that of any former year. Estimating December's tonnage at 6000 tons (the exact amount was not available at time of going to press) it will show a total of 70,727 tons for the year against 70,455 for the highest previous year. The average  
Continued on Page Two

#### MASONIC INSTALLATION

On Saturday evening last, December 27th, the anniversary of St. John the Evangelist, the brethren of Hedley Lodge, No. 43, A. F. & A. M. held their annual installation of officers for the ensuing year. The ceremony of installing the elective and appointed officers of the lodge was performed by W. Bro. A. Megraw, and the officers placed in their respective positions were:

I. P. M.—W. Bro. S. E. Hamilton  
W. M.—W. Bro. A. Creelman  
S. W.—Bro. G. H. Sproule  
J. W.—Bro. F. H. French  
Chaplain—W. Bro. A. H. Cameron  
Treasurer—Bro. E. D. Boeing  
Secretary—Bro. H. G. Freeman  
S. D.—Bro. G. P. Jones  
J. D.—W. Bro. A. Clark  
S. S.—W. Bro. J. D. Brass  
J. S.—Bro. T. Layland  
I. G.—W. Bro. W. J. Forbes  
Tyler—Bro. August Beam.

After the work within the tyled lodge was completed and the lodge closed, the customary banquet was held, with the newly installed Master at the head of the board in the capacity of toastmaster. After the standard toasts for such occasions, "The King and the Craft" and "The Grand Lodge" had been disposed of, the Master expressed his opinion of the desirability of dissociating the standard toasts from the convivial part if such term is applicable where intoxicating liquors are excluded by by-law except under restrictions that make its introduction virtually impossible, and no further toasts were formally drunk. The members present, however, were not only not deterred from contributing their share to the enjoyment of the occasion but were called upon in turn, and the new plan was found as capable of giving a good evening's entertainment as the old.

#### THE FARMER AND THE MIDDLEMAN

The Grain Growers' Association a financial-political organization from the prairies went to Ottawa and talked a lot about the high cost of living, the tariff and the middleman. The fruit growers, vegetable growers and stockmen who also waited on the government had a different story to tell and showed that if the selfish wishes of the grain growers were gratified it would mean serious loss for by far the larger number of those engaged in agriculture to please men who made up less than 2% of the public in Canada who would be effected.

But an Ottawa despatch puts the attitude of the bumptious prairie grain grower in a still more interesting light and makes his strictures concerning the middleman read rather funny. It is given thus:

"Here is a fine sample of middlemen's profits which send up the cost of living.

"The Grain Growers Grain company pays a dividend of 25%. How much does that put on wheat and flour? Is it fair to say 25%. But there are overhead and sales costs to be added on this. Would it be fair to add another 25%?"

"In other words 50% is added to the price of grain by the Grain Growers Grain Company. Is that a fair statement?"

"Roderick Mackenzie, who came to Ottawa this week and slashed the Government, declaring that the Conservatives were responsible for the high cost of living, is a prominent stockholder of the Grain Growers Grain Company. He gets for 25% for his stock. He is a middleman. He raises the price of grain. He increases the cost of living while trying to blame others.

"Meanwhile what do the farmers get when the Roderick Mackenzies, their professed friends, are getting 25 per cent?"

#### GENERAL NEWS

A mounted police expedition is being despatched to look for the explorers of the Karluk and find out whether they are lost or not.

A couple of experts have been appointed to investigate the high cost of living. They are John McDougall and C. C. James, both Dominion officials.

#### POT IS BOILING

**Great Northern Have Got Canadian  
Railway Commission After Them**

The protest made by the people of Similkameen valley against the action of the Great Northern in curtailing the train service in this valley has been working nicely and before long is bound to produce gratifying results.

The first evidences of this which came to hand were replies in response to representations made from Hedley through the committee appointed by the public meeting. The resolution drawn up was despatched by wire to Hon. Martin Burrell at Ottawa and to L. W. Shatford M. P. P. In a few hours afterwards Mr. Shatford who was in Vancouver replied stating that the matter would be laid by him before the ministers and any other assistance he could render would be given. He also advised sending the resolution to Hon. Martin Burrell as he had not been informed that such had been done at the same time that it was sent to him.

The next day a telegram was received from Hon. Martin Burrell stating that he had discussed the matter with the Chairman of the Railway Commission and had been requested by him to leave it in the hands of the Commission. Mr. Burrell intimated also that the people of Hedley and the Similkameen valley could be assured that he would give every assistance possible to compel a resumption of the daily train service. Following this assurance from Mr. Burrell another wire was received from Mr. Shatford advising that he had been assured by Mr. Burrell that the matter was in the hands of the Railway Commission and was receiving careful attention.

The latest assurance in evidence that the leven is working is a message which Mr. Andras, secretary of the joint meeting at Princeton had received direct from Mr. A. D. Cartwright, secretary of the Railway Commission, conveying the information that the Commission had made a demand upon the V. V. & E. Ry. Co. to justify its action in reducing the train service and advising that the Commission intended to press the matter to an early conclusion. The message from secretary Cartwright also requested that the petition be sent to A. H. McNeill solicitor for the Great Northern Ry.

Thus it will be seen that our parliamentary representatives both at Ottawa and Victoria have rendered prompt and whole-hearted assistance and the Railway Commission have not regarded the protest as frivolous but the very contrary. In fact it is pretty evident that the Railway Co. realizes by this time that their Mr. Doyle started something when he forgot all about the old adage which says to "let sleeping dogs lie." It was a hasty ill-advised step to take and if he has done it off his own bat and was not specially advised from St. Paul to issue the order which he did, the Great Northern may require him to explain why he has thus contrived to get the Canadian Railway Commission on their necks.

#### DUCAL DUCATS FOR CANADA

London, December 17.—The Times comes very near the mark when it hints that the Duke of Bedford may follow the example of the Duke of Sutherland and invest in Canada part of several million sterling coming from the sale of the nineteen acres of London's most valuable sites in and around Covent Garden.

The Duke sold, between 1909 and 1911, 20,000 acres of fenland in Cambridgeshire, realizing nearly five million dollars; also the Devonshire town of Tavistock, with its water supply, markets, Town Hall and other public services and 8,500 acres, realizing \$2,930,000.

It is understood that a considerable portion of this money has gone quietly into Canadian Pacific and other high-class Canadian securities and mortgages, the Duke thereby getting from 5 to 7 instead of from 2 to 3% on his capital.—Monetary Times.

Sir McKenzie Bowell celebrated his ninetieth birthday at Belleville, Ont., on December 27th.

# The Hedley Gazette

and  
Similkameen Advertiser.

## Subscriptions in Advance

Per Year.....\$2.00  
(United States).....2.50

## Advertising Rates

Measurement, 1. Lines to the inch.  
Land Notices—Certificates of improvement, etc.  
\$7.00 for 14-day notices, and \$5.00 for 30-day notices.  
Transient Advertisements—not exceeding one inch, \$1.00 for one insertion, 25 cents for each subsequent insertion. Over one inch, 10 cents per line for first insertion and 5 cents per line for each subsequent insertion. Transients payable in advance.  
Contract Advertisements—One inch per month \$1.25; over 1 inch and up to 4 inches, \$1.00 per inch per month. To constant advertisers taking larger space than four inches, on application, rates will be given of reduced charges, based on size of space and length of time.

A. MEGRAW, Managing Editor.

Full Moon	12	New Moon	26			
Last Quar.	19	First Quar.	4			
1913                      JAN                      1914						
Sun.	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

## EDITORIAL COMMENTS

The soundest views we have yet seen advanced in the way of assigning a cause for the high cost of living was that advanced by Hon. Martin Barrell who is convinced that it is merely the working out of the unerring law of supply and demand. He has been making a close study of the last census and finds abundant evidence of transgression of the natural order of things to invoke the penalties of the law of supply and demand. The census figures show that the rural population of Eastern Canada has been falling off and the urban population has been increasing. This lessening of the producers of food and increase of consumers of food can have no other effect than that of increasing the price of food stuffs. He goes still more in detail into the census statistics which indicate a most alarming reduction in the number of cattle, sheep and swine kept by the average mixed farmer. It is very true that those who have stayed with the soil and who are using their wits to direct their attention to the raising of farm products that offer the prospect of the brisk demand are making more money today than ever they did, but that only helps to prove that a lessening of the production of food products and a marked increase in the number of consumers of food has made the cost of living abnormally high.

## CAMP HEDLEY OPERATIONS IN 1913

Continued from page one

assay value for the year is also a little higher than the year before and is likely to hold to about \$12.05 per ton although some months it had dropped considerably. The tonnage and values month by month are as follows:

Month	Tons milled	Assay value	Mill recovery
January.....	6002	\$14.11	\$84,721.00
February....	5620	14.58	81,908.80
March.....	5507	14.50	79,824.00
April.....	6044	12.50	75,535.40
May.....	6007	13.28	79,700.80
June.....	6087	10.89	66,319.00
July.....	5005	12.10	71,441.00
August.....	5892	9.53	55,187.40
September... 5430	11.74	63,790.40	
October..... 5830	10.39	60,505.20	
November... 6103	10.28	65,775.20	
Dec. (estim'd) 6000	10.50	63,000.00	

The percentage of extraction for the year was 94 and 77 per cent of it is recovered in the concentrates and the balance in the cyanide. This does not necessarily mean that there is no longer any free gold contents, but as the alleged lessening of free gold caused them to abandon amalgamation some two or three years ago, all the free gold there may be in the ore, and there appears to be considerable at times, is caught with the concentrates.

It will be noted from the above tonnage month by month that November was high month in regard to the quantity of ore milled and that not

only constituted a record month for the year but was the highest for one month ever made in the mill. But it did not give the highest return in amount of value. In that respect January was high month, but the highest month in the history of the mill was September 1912 when a tonnage of 6108 tons and a value of \$16.38 per ton permitted a total mill recovery of \$101,055.85.

In August we gave the gold production up to end of July for Hedley, \$5,104,372.87. Adding thereto the mill returns for the following four months and the estimate of \$83,000 for December will bring the total production of gold for the Nickel Plate to the end of 1913, approximately to \$5,413,721.07.

## IMPROVEMENTS TO PLANT

Reference has been made to new buildings at the mine and repairs and new equipment for the gravity train. There have also been improvements to the plant in Hedley. These have been principally about the power house, for there has been little if any change in the mill. A new hoist was installed at the tippie to handle the heavier volume of freight traffic to the mine, the old hoist, being too light to be depended on when subjected to heavier strains. In the power house advantage was taken of the period of high water to overhaul the steam plant after its long seige during the winter. The battery of boilers which were each suspended from wooden beams are now hung from iron girders and these resting on concrete piers. The section of the power house which contained the boilers did not conform with the rest of the building and the roof over the boilers was too low. This section was therefore rebuilt so as to conform with the rest of the building which brought the roof several feet higher than before.

The question of enlarging the mill is at present in abeyance until the new power plant has been completed and in operation. Meanwhile, however, a large new rock breaker has been ordered and is now here awaiting installation although it is doubtful whether sufficient power will be available to drive it before the period of high water comes around in a few months to relieve the situation.

## THE POWER SITUATION

At present the available power is that furnished by the auxiliary steam plant and the natural flow of Twenty Mile Creek at this season of the year, which is limited. For no pumping at Twenty Mile lake has been done for two seasons nor will be done again. The main motive power at the present therefore is Princeton coal, and this will have to be relied on for the next three months or more. Winter after winter has witnessed the struggle from insufficient power, but at last deliverance is at hand. For the next three or four months, it is true, the possibilities are dire and general superintendent Jones may be likened to Tam o' Shanter on his old grey mare Meg, riding away from the witches. Each of them is trying to reach the running water. Tam made "the key-stone o' the brig" but at the cost of old Meg's tail, for the poet tells us:

"Ae spring brought all her master hale  
But left behind her ain grey tail"

It is another kind of spring that Mr. Jones is trying to win, and Tam o' Shanter didn't wish more ardently for the floods of Bonnie Doon than will G. P. to hear the boulders rolling again in Twenty Mile.

A year ago the Gazette spoke of "the greater power question," which is the development of power on the Similkameen river and now we can point to it as a matter already under way. A gang of men have been at work for several weeks excavating in the bed of the river for the dam which is to cross the river at a point a little below the mouth of Twenty Mile, and a few days more will see them commencing to put in the cement. The plan is to have the dam completed before the high water in the spring, and after the frost comes out of the ground work will begin on the flume and power house, and by the time the 1914 supply of water in Twenty Mile has begun to lose much of its effectiveness, it is hoped that the new power will be ready. With the completion of the new plant, the present power house will become an electric sub-station and compressor room. The power developed will be maximum 1800 horse and at a voltage of 6800 volts, so that transformers will be needed at the present power house to reduce to 2300 volts which is the unit of the generator in the present plant. It is the intention, however, to maintain both the present steam plant and the present water plant intact.

## THE CLIFTON OPERATIONS

In the Gazette's review of a year ago reference was made to the Windfall

purchase which was one of the very important events of 1912. Nothing further has been done with the property since, as the time is not opportune and its exploration belongs to future policy. This year however, witnessed similar exploration by diamond drill on property in Twenty Mile canyon to serve for bonds on various properties which are held by a group of capitalists made up principally of leading shareholders in the Hedley Gold Mining Company. The camp was established at great difficulty and expense and faithful work with three shifts was put in for about four months. Much valuable data was secured which, has been valuable both for the bond-holders and for the Hedley Gold Mining Company. They obtained compressed air from the Nickel Plate during the months when the water power was strongest and paid liberally therefor. Work was closed down about the end of September and we have been given to understand that satisfactory arrangements have been made between the bondholders and the owners which will permit resuming operations in the spring. The amount expended on the properties was something over \$40,000.

## WORK ON THE OREGON

Another property in the camp which witnessed faithful work during the year was the Oregon on the east side of the Similkameen and on the watershed between Sixteen and Eighteen Mile Creeks. This property is owned by a syndicate represented locally by Mr. F. H. French and all his associates are well-known here being former Hedleyites. Work began with two men in the early spring and was carried on until a few weeks ago. About 30 feet or more of tunneling was done and also some surface prospecting and encouraging results were obtained.

Moyer, the president of the Western Federation of Miners was kidnapped from Calumet, Michigan. As yet there is only his own story to explain the manner in which it was done, but the affair seems to have been very bad tactics on the part of those opposed to him.

## WOMEN BEAT MEN AT FINDING BARGAINS

By HOLLAND.

WOMEN spend more money than men, and they spend it wiser. They not only buy most of the articles used in the home, but they also buy for their children and often for their men folks.

Women also read the advertisements more than men do. This makes them better and safer buyers than men. They have equipped themselves with the knowledge that makes them effective.

They know the best stores, the best merchandise, the best values. By reading the advertisements women are enabled to shop more economically, to make the money go farther.

KNOWLEDGE IS  
MONEY IN  
DOING SHOPPING

## A. MEGRAW

NOTARY PUBLIC

Conveyancer, Real Estate, Mines, Crown Grants Applied For Under Land Act and Mineral Act.

Agent for:

Mutual Life of Canada,  
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Office at HEDLEY, B. C.

ADVERTISE IN THE GAZETTE

# 1836 THE BANK OF 1914 British North America

78 Years in Business. Capital and Surplus \$7,786,663.

## A SERVICE BUSINESS MEN APPRECIATE

The complete and valuable service rendered by the Bank of British North America has secured and retained the accounts as well as the confidence of a goodly proportion of Canada's prominent business men. The same service awaits you, whether your account be large or small.

Hedley Branch,

C. P. Dalton, Manager

## TAKE A LOOK AT OUR WINDOW DISPLAY

## FOR FREE GIFTS

## CREELMAN & LYALL

FRASER BLOCK

HEDLEY, B.C.

## YOU WANT THE BEST IT ALWAYS PAYS BEST

### There are Two Kinds of Printing

The one is turned out by the man who believes that anything goes, but the other by the one who values the reputation of his establishment too highly to allow any work to go out which will not do him credit.

There is just as good work being done in country offices as in the cities, and often as poor work in the cities as in the worst country shops.

In Prices the country office can do just as well for you and you save the express. The city printer may get his stock a trifle cheaper by saving the local freight, but his rent and other overhead expenses are higher, and in the end he is obliged to charge as much or more than the country printer will charge for the same class of work.

## THE HEDLEY GAZETTE

is prepared to do any kind of work that may come along.  
No order too small and none too large.

## NOTICE

SIMILKAMEEN LAND DISTRICT  
DISTRICT OF YALE

TAKE Notice Mae Evelyn Haynes, occupation married woman, of Fairview, intends to apply for permission to purchase eighty acres of land in the Similkameen Land Division as follows:—  
Commencing at the south-west corner of Lot 688 thence west forty chains, thence north twenty chains, thence east forty chains, thence south twenty chains to point of commencement, containing eighty acres more or less.

MAE EVELYN HAYNES  
per Val. G. Haynes, agent.  
November 21st, 1913.



## County Court of Yale

A sitting of the County Court of Yale will be held at the Court House, Princeton, Tuesday, 6th day of January, 1914, at the hour of 2 o'clock in the afternoon. By command,  
HUGH HUNTER  
Registrar County Court.  
454

## HOTEL SIMILKAMEEN

HEDLEY, B. C.

An Up-to-date First-Class Hotel

RATES MODERATE

F. J. DOLLEMORE

Proprietor.



## Synopsis of Coal Mining Regulations

COAL mining rights of the Dominion, in Manitoba, Saskatchewan and Alberta, the Yukon Territory, the North-west Territories and in a portion of the Province of British Columbia, may be leased for a term of twenty-one years at an annual rental of \$1 an acre. Not more than 2,500 acres will be leased to one applicant.

Application for a lease must be made by the applicant in person to the Agent or Sub-Agent of the district in which the rights applied for are situated.  
In surveyed territory the land must be described by sections, or legal sub-divisions of sections, and in unsurveyed territory the tract applied for shall be staked out by the applicant himself.

Each application must be accompanied by a fee of \$5 which will be refunded if the rights applied for are not available, but not otherwise. A royalty shall be paid on the merchantable output of the mine at the rate of five cents per ton.

The person operating the mine shall furnish the Agent with sworn returns accounting for the full quantity of merchantable coal mined and pay the royalty thereon. If the coal mining rights are not being operated, such returns should be furnished at least once a year.

The lease will include the coal mining rights only, but the lessee may be permitted to purchase whatever available surface rights may be considered necessary for the working of the mine at the rate of \$10.00 an acre.

For full information application should be made to the Secretary of the Department of the Interior, Ottawa, or to any Agent or Sub-Agent of Dominion Lands.

W. W. CORY,  
Deputy Minister of the Interior.  
N.B.—Unauthorized publication of this advertisement will not be paid for.

TRY THE  
Hedley Gazette  
for  
Fine Job Printing

**Town and District.**

Don't forget the hospital ball—a masquerade—on January 23rd.

The big new crusher came in on Saturday last. It is likely to be placed at the ore bin.

County Court will be held in Princeton before his honor Judge Brown on Tuesday next, 6th inst.

Geddes Lyall and Jack came down from Princeton to spend Christmas with their father and mother.

It is hard to get out of the habit of slipping in that old "1913" but we'll get on to the new pattern in a few weeks more.

Jim McNulty pulled up at Philadelphia for Christmas and a letter from him to F. H. French indicates that he is having a good time there among his relatives.

There was good golfing on the greater part of the links over the week-end and it was taken advantage of by quite a few. On some of the holes sheltered from the sun a diaphanous dressing of snow made it too hard to find the balls.

Rev. A. H. Cameron was reminded of the Christmas season by gifts from his friends in Keremeos and Hedley. The gift from the former took the form of a new buggy and harness and the latter expressed their good will in legal tender to the value of something over \$50.

There was a large attendance on Sunday evening last at the Anglican service owing of the special Christmas music which it had been announced was to be provided. Mrs. J. A. Brown of Keremeos and Rev. G. D. Griffith sang special selections which delighted those who attended.

There was fair skating on Christmas Day especially in the evening. In the afternoon it was a trifle too soft and only two hours were allowed. The rise of temperature on Saturday and Sunday was a bit ominous, softening it up considerably and threatening to demolish it altogether for there is no great thickness to fall back on.

The work on the dam which has been moving along rapidly with day and night shifts was interrupted on Tuesday when the water got the best of them until more pumping plant is installed. The big pump formerly used at the lake is being got in position and it will be assisted with two other pumps that may be used as required.

Dan McKinnon returned to Loomis by Saturday's train after spending Christmas with his friends in Hedley. He is working on the Ivanhoe property in Loomis where development is in progress. Nothing is being done in the Palmer Mountain tunnel in that place upon which so much money was expended years ago.

The trains keep turning up late and it is quite evident that the new Doyle programme is putting things sadly out of joint. Saturday's train was an hour late from the south, and returning it did not turn out of here for Oroville until about six o'clock when it was due to leave at 2:55. If the crews are to get double pay for over-time it is difficult to figure out where the saving is going to come in. Possibly Mr. Doyle has discovered some plan to put the interest on half time as well as the train crews.

Postmaster Etches of Keremeos was in Hedley on Christmas evening. He was here somewhat in the role of Santa Claus for he brought in a big sack of mail for Hedley that we would not have received until Saturday if he had not done so. It must be mentioned also that D. J. Innis had a share as well in the neighborly thoughtful act for he supplied the team and buggy to bring it through. The mail which was brought in was what had been brought over from Pentiction by the Welby stage. On Sunday Mr. Innis also brought up a sack containing what came over by Saturday's mail. These obligations are appreciated and are right in line with the true Christmas spirit.

A dirty trick was played on James Critchley on the night of December 23rd. He had been feeding a couple of turkeys for Christmas and they were taken out of his yard. The killing had apparently been done at the bridge over Twenty Mile on Webster St. and after that they were carried down Scott avenue where the blood on the sidewalk showed the trail to the corner of Scott and Irene. There was no trick nor joke about the thing. It was simply a low-down theft and it is not at all unlikely that the necessary evidence to bring the thing fully home may soon be coming. There is some vaggung that should be done in the interests of the town as a whole. Never-

theless Mr. Critchley and his family were not out of a turkey after all, for George Walker gave a practical demonstration of his opinion of the act by purchasing a good big turkey and making the family a present of it.

A reply was received from the Attorney General's Department in reference to the case in which E. E. Burr was given a nominal fine for shooting a mountain goat while in possession of only an ordinary firearms licence. The reply is to the effect that no other course was open to the presiding magistrate than to convict under the circumstances. As nothing was said regarding the smallness of the fine imposed when the maximum is placed at \$300, it looks as if the Attorney-General's Department saw some features about the case calling for leniency. Meanwhile they are of the opinion that anyone who is sufficiently interested in game to take out a licence and go hunting should know that a goat is not a deer and that nothing contained in the Game Act or Orders-in-Council encourages the belief that it could ever be regarded as such. It will be well therefore that all hunters should note the views of the department in this case and avoid becoming liable under the act in a similar manner in the future.

**METEOROLOGICAL.**

The following are the readings showing temperature, etc., for the week ending Dec. 27, 1913:

AT THE MINE.		
	Maximum	Minimum
Dec 14	22	13
15	21	12
16	20	12
17	30	12
18	23	14
19	20	13
20	57	16
Average maximum temperature	22.85	
Average minimum	do	13.
Mean temperature	do	17.92
Rainfall for the week	.00	inches.
Snowfall	2.00	"
CORRESPONDING WEEK OF LAST YEAR		
Highest maximum temperature	30.	
Average maximum	do	27.28
Lowest minimum	do	12.
Average minimum	do	16.57
Mean	do	22.78

AT THE MILL.		
	Maximum	Minimum
Dec 14	30	17
15	17	16
16	28	18
17	25	16
18	23	21
19	20	32
20	39	28
Average maximum temperature	29.28	
Average minimum	do	21.50
Mean	do	25.33
Rainfall for the week	.00	inches
Snowfall	.61	"
CORRESPONDING WEEK OF LAST YEAR		
Highest maximum temperature	40	
Average	do	32.71
Lowest minimum	do	11.
Average	do	24.54
Mean	do	28.49

**EASY CUBE ROOT RULE**

Can you, without pencil or paper, do a little problem in cube root; that is, can you treat it as mental arithmetic? It is very easy. Forget all the rules in arithmetic books and consider for a moment the following method described by an English mathematician:

First of all, it is essential to memorize the cubes of the numbers from 1 to 9. The cube of 1 is 1, of 2 is 8, of 3 is 27, of 4 is 64, of 5 is 125, of 6 is 216, of 7 is 343, of 8 is 512, of 9 729. Observe that the cubes of 1, 4, 5, 6 and 9 end with 1, 4, 5, 6 and 9; that the cube of 2 ends in 8 and that of 8 in 2; that of 3 in 7, and that of 7 in 3. When you have a number of which you must extract the cube root look first at the thousands. For example, take the number of 185,193. The thousands are 185. The cube of 5 is 125, of 6, 216; therefore it is obvious that the number you want is between 50 and 60. Ignore all the other figures except the last. This being a 3 you know that your last figure is 7. So the answer is 57.

Take again the number 12,167. In the top line of thousands are 12. The cube of 2 is 8; of 3, 27. Therefore the first figure must be 2. Again skipping to the last figures a 7, you know you want a 3, giving 23 as the cube root of 12,167. In the same way a moment's thought will give you 25 as the cube root of 15,625. And the answer 23-25. It is probably by this method that many of the phenomenal "lightning calculators" work. [The utility of above rule will be found to be greatly circumscribed when it is seen that it will only work in the case of numbers that are perfect cubes of integers.—Ed]

The new government elevators have proven a large factor in preventing the grain blockades which have proven so costly in former years.

**Seasonable Suggestions**

Now is the time to procure your Christmas Fruits while the selection is complete and the goods fresh. Below are a few of the lines we have just received:

- Seeded Raisins      Peels      Shelled Nuts
- Sultanas              Dates      Molasses
- Currants              Figs      Fresh Fruit
- Biscuits and Confectionery

**XMAS PRESENTS**

Handkerchiefs and dainty articles in silks and linen, neckwear, hosiery, etc.  
Fancy China, Cut Glass, Cutlery, Etc. Skates and skating requisites

**A HANDSOME SINGER SEWING MACHINE**

will be given away absolutely free to the person holding the correct key when all the keys are called in; one will be given with every \$2 cash purchase until all the keys are given out.

**Hedley Trading Company, Ltd**

PHONE NO. 8. SCOTT AVENUE

**\$250.00 will buy a Choice Residential Building Lot on Daly Avenue**

**Terms Are Easy**

Don't Pay Out Good Money for Rent When You Can Own a House of Your Own

**THE HEDLEY CITY TOWNSITE COMPANY, Ltd.**

F. H. French, Secretary and Manager      HEDLEY, B. C.

**PALACE Livery, Feed & Sale Stables**

HEDLEY B. C.  
A good stock of Horses and Rigs on Hand. Orders for Teaming promptly attended to.

Office of Dominion Express Company.

**WOOD FOR SALE!**

Phone H. D. J. INNIS Proprietor

**E. E. BURR**

General Blacksmith  
Horse-shoeing and all Blacksmith Work  
Promptly attended to.  
Pipe-fitting done.  
Haynes St., Hedley.

ENCOURAGE HOME INDUSTRY

**Plumbing and Heating, Sheet Metal Work Tinsmithing**

Shop corner Angela Ave. and Bridge St., in 'Murdock's blacksmith shop.'  
Work guaranteed. Consult us about your work  
**H. DIGNAN**  
PRACTICAL WORKMEN PROPRIETORS  
PRINCETON, B. C.

**NOTICE**

SIMILKAMEEN LAND DISTRICT DISTRICT OF YALE

TAKE Notice that Alfred Rowberry, of Fairview, occupation Rancher, intends to apply for permission to purchase the following described lands:—

Commencing at a post planted at the south-west corner of C. D. Carr's application to purchase thence north 40 chains, thence west 20 chains, thence south 10 chains, thence east 20 chains to point of commencement containing 80 acres more or less, for pasturage.

ALFRED ROWBERRY per Val. C. Haynes, agent, 45-10

**NOTICE**

SIMILKAMEEN LAND DISTRICT DISTRICT OF YALE

TAKE Notice that Christopher Donoghue Carr, occupation Rancher, intends to apply for permission to purchase eighty acres of land in the Similkameen Land Division as follows:

Commencing at a post planted forty chains west of the north west corner of Lot 688; thence west forty chains, thence south twenty chains, thence east forty chains, thence north twenty chains to the point of commencement containing eighty acres more or less.

CHRISTOPHER D. CARR per Val. C. Haynes, agent, 45-10

Nov. 22nd, 1913

Nov 21st, 1913

