

HIGH PRESSURE IS ONLY SAFEGUARD, SAYS FIRE CHIEF

Adequate Protection Obtainable in No Other Way, Is Opinion of Young; Method Discussed.

Adequate fire protection in the congested business district on the west side can be obtained only by the installation of a high pressure fire main system, Fire Chief John E. Young said Saturday afternoon, when commenting upon a resolution recently passed by the city council calling for an investigation into the advisability of high pressure mains as a means of fighting fire.

Upon the recommendation of the tax conservation commission City Commissioner Bigelow introduced the resolution which provides that a board consisting of O. Laursgaard, city engineer; Fred Randlett, engineer of the water bureau, and Fire Chief Young should investigate and make a report on the efficiency of the high pressure main system applicable to Portland. The board will meet for its first session Monday.

TIME IS SAVED

"Use of the high pressure system has proved satisfactory in all large cities," Chief Young said. "It is bound to be, for there is a great saving of time. The water is always in the mains under pressure and ready for instant use, whereas in the ordinary system, as is used here, is used there is a loss of time in laying hose lines to the fire and connecting to pumps.

"Time at the beginning of a fire is a valuable thing, for a few minutes may mean the difference between a small fire and a general conflagration. Such a conflagration in the business district would mean not only the loss of enormous amounts of stock and buildings but would paralyze the business activity of the entire city. That is one of the reasons why we should have a system that will get the greatest amount of water on a fire at the earliest possible time after its start."

HILLS CUT COST

Portland is particularly fortunate, the chief pointed out, in being surrounded by hills. This, he said, would enable the city to adopt the gravity system of high pressure and do away with the enormous cost of pumping stations and their subsequent cost of maintenance and operation.

"In all cities using high pressure the pressure maintained in the mains is 120 pounds to the square inch," he explained. "This is sufficient for normal fire use and does away with the need of pumping equipment. When a fire breaks out and assumes dangerous size a signal sent to the central control station of the system results in the pressure being boosted to 300 pounds.

"In San Francisco, where both the gravity and pumping systems are used, the reservoir for the gravity system is on Twin Peaks. By means of reducing valves the pressure in the mains is kept at 120 pounds.

PRESSURE ON TAP

"A signal from the scene of the fire results in opening the main gates and an immediate pressure of 300 pounds. A system similar to this can be used in Portland, for we have the hills on which the reservoir can be built."

"One of the most valuable things about the high pressure system, as pointed out by the chief, is that the pressure literally beats the fire out. He said that the heat of water from the apparatus could be thrown for 200 feet and could be put in places where it would be impossible to get men to enter.

"No matter what the cost of installation may be, the system is in the end more economical," the chief said.

"A special piece of apparatus known as a high pressure truck is used. This truck is bigger than the ordinary hose cart and in addition to carrying 2500 feet of three-inch hose has a turret through which it is possible to discharge water from any number of high pressure lines up to six.

BEATS FOUR ENGINES

"Working at 120 pounds pressure this one piece will throw 3000 gallons of water a minute, or the equivalent of the work done by four engines. At 300 pounds the discharge is the same volume, while it would require eight engines to throw the same amount of water."

To prevent damage to property in the event of a break in the pressure lines the chief stated that electrically controlled gates were used. These gates are located in various sections and can be used to discharge the pressure for fire fighting as well as shut off the flow in case of a rupture of the pipes or the breaking of a fire hydrant.

EXTRADITION IS ALLOWED

Salem, Jan. 7.—Governor Olcott today honored extradition papers from the governor of Washington for the return of John Franklin and Kelly Gates to Worden, Wash., where they are wanted on a burglary charge. The men are under arrest in Portland.

MAZAMAS ENJOY SUMMER SPORTS NEW YEARS



Above—Mazamas and Angoras on Bald mountain near Seaside, where they spent the New Years holidays. Below—A dip in the surf was one of the diversions New Years Monday.

About 50 Mazamas joined the Astoria Angoras for the New Year's holidays at the beach, with hikes along the coast, plunges in the surf and social programs at the Seaside hotel. The two mountaineering organizations watched the old year out and the new year in at the Seaside hotel, following a luncheon dance.

On New Year's day members of the two clubs were driven to Cannon beach, from where they hiked north over the rocky capes and beaches to Bald mountain and Indian beach. Vaudeville stunts and musical features furnished by

both clubs formed the entertainment for Sunday evening.

Monday was calm and warm with bright sunshine, and a large number of the cutters took a half hour's plunge in the surf.

Vachel Lindsay, Poet and Lecturer, Will Appear in Portland

Vachel Lindsay, widely known American poet, will be a visitor in Portland on February 3, when public appearances will be sponsored by Reed college and the Oregon Social Workers association. Lindsay will meet informally with the students of Reed, tell some of his adventures and read some of his poems. The social workers, in cooperation with other bodies of both men and women, will be in charge of a luncheon to be given Saturday and it is possible a public evening meeting will also be arranged.

MRS. SHANK GIVEN POST

Salem, Jan. 7.—Mrs. Myra Shank, formerly police matron here, has been appointed assistant superintendent of the state industrial school for girls, according to announcement of Mrs. Clara Patterson, superintendent of the institution, today.

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Prisoner Attempts To Butt Out Brains

Yakima, Wash., Jan. 7.—T. A. Bronson, a prisoner in the county jail, thought to be insane, attempted to dash his brains out today by butting his head against the sharp corners of his steel bunk and the steel cell door. Before the jailers could overpower him he succeeded in lacerating his scalp, but it is thought he is not fatally injured unless infection sets in. He had to be strapped to a bed that his wounds might be dressed. He was formerly shift foreman on government irrigation construction, but for a month has been suffering from a disease of the brain.

George Inlester, former Lincoln county deputy sheriff, has been appointed receiver for the Mansfield bank, which failed recently.

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Pezhka, mulberry, peacock blue, silky, Mossels, 6-3x3, now at... \$48.00
Persian gold, rose and blue, Irana, 6-2x4-1, now at... \$57.00
Persian rich-colored, heavy Lilihsa, 6-3x5-4, now at... \$130 and \$190
Persian, very rich, Royal Art Sarouks, 5-0x3-0, now at... \$85 and \$120
Persian, very rich, Royal Art Sarouks, 6-1x4-3, now at... \$145 and \$230
Persian, rich and silky, Mahals, 9-0x7-0, now at... \$165
Persian, rich and silky, Mahals, 10-0x8-0, now at... \$210
Persian, rich and silky, Mahals, 12-0x9-0, now at... \$260

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SEASIDE AWARDS \$139,532 OF ROAD WORK CONTRACTS

Drives and Pavements to Be Put in at Ocean Town by the J. H. Tillman Company.

Seaside, Jan. 7.—J. H. Tillman company received contracts aggregating \$139,532.80 for Seaside paving work at Thursday night's session of the city council. Five bids for the work, which includes the Roosevelt drive, were received, two bidding only on concrete construction. The Tillman company was low on every piece of work, with the Warren Construction company slightly above.

The bid on Roosevelt drive was \$71,111.30 for three-inch black base with two-inch Warrenite top. The Warren bid was \$73,899.65. On the First street paving from avenues L to U, the Tillman company bid \$21,695.76 for two-inch asphalt concrete with four-inch stone base; Second street from avenues A to I for the same kind of paving, \$19,354.72; Third street from avenues A to G, \$10,520.19 for a one and one-half-inch asphalt concrete, on two and one-half black base; Fourth avenue from Seventh street to Roosevelt drive with similar paving, \$27,110; Fourth avenue east of Third street, for a like pavement, \$4044.20. On Oceanway the Tillman company was awarded contracts for construction of sidewalks to Roosevelt drive for \$2000 and the contract for the installation of a sewer on Fourth avenue, east of Third street, was let to G. H. Fife for \$417.96.

Other contractors represented were McLean & Williams, Astoria; Slomie & Gustavson, Astoria; V. R. Dennis company, McMinnville. The Tillman company will take bonds in payment for the work.

ABERDEEN CHAMBER TO MEET

Aberdeen, Jan. 7.—The annual dinner and business meeting of the chamber of commerce will be held Jan.

Seven-Year Term Is Given Robber of Bank in Jefferson

Salem, Jan. 7.—Five men were sentenced to terms in the state prison for periods of from 2 to 7 years by Judge Percy Kelly of the Marion county circuit court today.

W. O. Brinson, Albany rancher, who pleaded guilty to the daylight robbery of the Oregon State bank at Jefferson, early in December, was sentenced to seven years. A petition for the parole of Brinson, presented by friends and neighbors, was turned down. Brinson secured about \$2500. His lavish distribution of silver dollars in payment of debts led to his arrest.

Other men sentenced by Judge Kelly today were: Joe Yedestek, two years, burglary not in a dwelling; paroled from the bench. Harrison Mowry, pleaded guilty to a statutory charge involving a step-daughter, indeterminate sentence of not to exceed five years.

Thirty days in the county jail was given Harold Gwin, who pleaded guilty to a liquor charge.

MISSIONARY ON FURLOUGH

McMinnville, Jan. 7.—Mr. and Mrs. Charles Rutherford, have returned to McMinnville after a long term of missionary service in Nellore, India. Rutherford was graduated from McMinnville college 14 years ago and sent to the mission field by the Baptist church of this city as missionary pastor under its support. He has returned for a furlough of at least a year.

OLD TIME RESIDENT PASSES

Forest Grove, Jan. 7.—Charles Burr, 79, old-time Forest Grove resident, who had been ill for six years, died at his home near Manning. He was a veteran of the Civil war. He came to Forest Grove in 1883. Surviving are three daughters: Mrs. Alice Wilkes of Portland, Mrs. Edith Blodde of Banks, and Mrs. Lena Wilkenson of Grand Lodge, Mich.

Commercial Club Of Seaside Elects Hardesty as Head

Seaside, Jan. 7.—M. F. Hardesty was unanimously elected head of the Seaside Commercial club Wednesday evening.

When Dr. C. C. Hargreaves presented the club was formed two years ago, refused to accept renomination. Other officers elected were: E. B. Peterson, vice president; L. J. Thallinger, secretary; Charles Neiml, treasurer.

Seaside's proposed pier was discussed. Nearly two years ago the taxpayers of the city authorized the expenditure of \$50,000 for the construction of the pier, but no headway has been made on the project. Sentiment against the pier project has been growing and the latest agitation favors building an auditorium with the funds appropriated. After heated discussion the question was referred to a committee. That the pier will be built is virtually a certainty, but the location has not been chosen. Abandonment of the pier at Broadway, joining the "turn round," and building one nearly two miles south in the cove where deep sea fish of all kinds abound is favored.

The club issued an invitation to be keepers of Oregon to make Seaside their 1922 convention headquarters and passed a resolution, at the request of the State

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ADAM BARR
Clatskanie, Jan. 7.—Adam Barr, 46, died at his home here January 1, due to advanced age. He crossed the plains with his parents in 1853, settling in the Clatskanie valley. He made several trips across the plains, returning by water around Cape Horn at one time. He was married in 1865 in Ohio to Miss Sarah Eagle. Four children, John A. Barr, Clatskanie; Mary Seibert, East Island; William J. Barr and James A. Barr, Clatskanie; 16 grandchildren and two great grandchildren survive. William Barr and James Barr of Clatskanie are brothers.

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48-inch Dining Table, as illustrated, or in oblong, with four beautiful genuine blue leather seat chairs. Regular price \$125. Closing out price **\$79.65**

3x12 Seamless Wool **BRUSSELS RUGS \$16.85**

Many beautiful patterns to choose from. Regular price \$30. Closing out price—**\$19.85**

40 lb. Pure Floss Mattresses \$19.85

High-grade art tickings, rolled edge. Regular price \$37.50. Closing out price—**\$19.85**

5-PIECE IVORY BEDROOM SET \$59.65

Consisting of Bed, Dresser, Chiffonier with Plate Glass Mirror, Chair and Rocker.....

PORCELAIN TOP KITCHEN TABLE \$7.85

All white enameled base. Regular \$15.00 values. Closing-out price.....

4-Burner Reversible Gas RANGE \$14.85

With oven and broiler. Regular price \$27.50. Closing-out price—

High Grade SIMMONS BEDS

In ivory, white or Vernis Martin finish. Regular price \$18.50. Closing out price—**\$9.85**

Solid Oak Genuine Leather Slip Seat DINING CHAIRS \$3.95

Regular price \$7.50. Closing out price—

All-Over Gray Enamel Wood and Cast RANGE \$89.50

Steel polished top, 18-inch oven. Regular price \$125. Closing out price, \$89.50.

ROCKER \$16.85

Large, Comfortable, Overstuffed similar to illustration. Regular price \$35. Closing out price...

Coal Oil Heaters, Reg. \$7.50, Closing Out Price \$3.95

Reg. 85c Floor Covering, Closing Out, Per Yard... 42c

Stair and Hall Carpet, Reg. \$1.75, Closing Out, Per Yd. 98c

Golden Oak Finish Dressers, regular price \$20.00, Closing Out at... \$10.85

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