

# INDUSTRIAL DEVELOPMENT OF PACIFIC NORTHWEST

## ARTESIAN WATER HOPE OF VALLEY

## SALMON HATCHERY FIGHT TO CORNER READY FOR WORK WATER PROJECTS

## BUILDING ACTIVITY IN OREGON

## WATERFRONT RICH SHOSHONE FALLS PRIZE FOR ROADS FOR STATE PARK

### Settlers in Christmas Lake Valley Will Sink Test Well at Once.

(By Charles M. Sain, Journal Staff Correspondent.)  
Paisley, Or., Nov. 13.—The settlers in Christmas lake valley have raised \$7500 with which to pay expenses of boring for artesian water. It is the plan to put down a well 3000 feet, if necessary. The boring plant was received at Bend last week, and is expected to arrive on the ground within a day or two.

The site chosen for the well is near the Phelps place, in the west end of the valley, about 30 miles north of Paisley.

In the same vicinity a well was sunk 37 feet some time ago. The water rose in the well to within 20 feet of the surface. This gives hope that if a well is bored to a lower stratum it will tap an artesian flow.

Dry farming in northern Lake county has thus far proved rather uncertain in results. For 50 miles the land stretches as level as a floor, the bottom of an old lake bed. Location has mapped the country for 60 miles square, room for 7000 of the half section homesteads. But the cry everywhere is for water.

Phelps, who owns the land where the well will be sunk, was one of the first to take up land in the valley four years ago. He runs the halfway station between Cliff and Silver Lake, and has taken in as much as \$20 a night.

### Settlers Begin at Bottom.

Settlers have to go to work digging wells, setting fence posts, stringing barb wire and hauling wood from the juniper hills. As a general thing the habitations are the typical shack of the backwoods "holding down" a piece of land.

Very little garden truck has been grown, and all supplies must be shipped in. It is the frost that makes all the trouble, and keeps farmers from growing garden truck. The Remingtons are building a store and putting in a stock of goods on the south side. A townsite is being laid out near Gospel Center, where a colony of devout Minnesotans have just arrived. Home-steaders are filling on land every day. Application is being made for a voting precinct at Christmas lake, and the people are looking forward to building a schoolhouse. Those who failed at dry farming this year are seeding again for another trial.

It is a well established fact that as land is cultivated there is less likelihood of frost. The principle of this is well known. It is the evaporation that lowers the temperature, and the evaporation in the summer is kept cool by having a wet sack tied around it. The evaporation on the open desert is so rapid that it forms ice, while plowed ground retains evaporation and keeps the ground warm.

### Rainfall in Lake County.

That dry farming around Christmas lake is a difficult problem is borne out by the records of the government weather station. The rainfall in this section is uncertain and irregular. The following table from the weather station, which is not complete for the four years gives the rainfall in inches in Lake county:

Year	1906	1907	1908	1909
January	1.27	.58	2.56	2.56
February	1.47	.58	.58	1.47
March	2.15	1.11	1.02	1.11
April	1.44	.09	.21	.09
May	1.44	.21	.21	.21
June	.55	.59	.58	.59
July	1.02	.20	1.07	.20
August	1.15	.15	.15	.15
September	.15	1.25	.40	.15
October	.78	.78	1.42	.78
November	.75	.41	.41	.75
December	1.39	.20	.20	1.39
Totals	6.95	11.65	6.29	7.97

The rain gauge was installed April, 1908, and only one year shows a complete record. It is fair to presume that the rainfall in Christmas lake valley is about the same as at Paisley. The weather station is on the same meridian as the site for the artesian well, and precipitation decreases toward the east.

The whole of Christmas lake valley is underlain by water at a depth of 6 to 30 feet. The Oregon & Eastern railroad survey runs the length of the valley. The time may come when it will be valuable enough that the farmers can afford to pump water for irrigation.

### Pocatello Will Pave Streets.

(Special Dispatch to The Journal.)  
Pocatello, Idaho, Nov. 13.—The water company has been ordered to replace its old mains in the district affected, and when this is done the council will issue bonds and proceed at once with the work of paving Center street on both sides of the railroad tracks, and North and South Main, the principal thoroughfares of the city.

### Large Orchards Planned.

(Special Dispatch to The Journal.)  
Council Bluffs, Mo., Nov. 13.—Orders have been placed for 235,000 fruit trees to be set out in this section next spring. Most of the orchards will be put out on lands to be irrigated next year.

### Oregon's Big Plant Will Be Formally Opened Next Monday.

(Special Dispatch to The Journal.)  
Bonneville, Or., Nov. 13.—The largest salmon hatchery in the world, owned by the state of Oregon, will be opened here Monday. The hatchery cost more than \$12,000, and has an egg capacity of 600,000,000, and nursery ponds sufficient to rear 3,000,000 fry.

The legislature authorized the construction of the Bonneville central hatcheries last winter, appropriating \$12,000 for the purpose. The building is 35 feet 4 inches wide by 250 feet long. The hatchery contains 248 troughs 16 feet long. The water supply is drawn from Tanner creek, through a 12-inch pipeline 3500 feet long, with a flow of 3000 gallons a minute. The buildings are fully equipped with electric lights, the plant being owned by the state and operated by water from Tanner creek.

### Prominent Men at Opening.

Considerable preparation is being made by Master Fish Warden McAllister for the opening next Monday. Addresses will be delivered by the leading salmon experts and state officials, including Governor Frank Benson and State Treasurer George Steel, who is a member of the state board of fish commissioners; Henry O'Malley, superintendent of the United States bureau of fisheries for Oregon; George H. George of Astoria; Joseph G. Megler of Megler, Wash.; State Senator McGowan of Cathlamet, Wash.; and Joseph Burke of Gosham, Wash.

There are 20,000,000 eggs in the hatchery, taken from the hatcheries in Canada, on the Wallowa, on the McKenzie and on Little White Salmon.

## BRIGHT PROSPECTS FOR STEVENSON

(Special Dispatch to The Journal.)  
Stevenson, Wash., Nov. 13.—That prospects are bright for the town of Stevenson is demonstrated by the improvements made here during the summer. The council has added three more streets to those graded and macadamized last summer. First and Second streets, running the full length of the city, east and west, have been graded and will be graveled at once, making five important streets of the city equal to macadamized thoroughfares. The growth of the city has been phenomenal and prospects are for more extensive improvements next spring.

Sam Samson expended several thousand dollars this summer piping water from the hot springs, two miles north to his sanatorium. Ignace Wachter has sold 80 acres of his farm to J. Hoves for \$6000. Mr. Hoves has men at work setting out fruit trees and berries. D. G. Busby sold 80 acres two and a half miles north to J. E. Williams for \$3500. The land will be made into a commercial orchard. Johnson Porter has purchased 260 acres of school land that he will set to apples as soon as the land can be cleared.

## WANT GOOD ROADS NEAR ROSEBURG

(Special Dispatch to The Journal.)  
Roseburg, Or., Nov. 13.—Roads leading to Roseburg are to be greatly improved. The county court has just purchased last summer a first and a second dump wagon for the treatment of public highways with crushed stone. Although the court has not fully decided as to what course to pursue in the improvement of the county roads during the coming year, it is hinted that it will install the crusher in North Roseburg at the quarry recently abandoned by the Warren Construction company. With a competent crew of operators the court believes that sufficient rock can be crushed during the winter to improve a number of roads in the spring.

## ANOTHER BIG POWER PLANT ON THE SNAKE

(Special Dispatch to The Journal.)  
Shelley, Idaho, Nov. 13.—The Gem State Light & Power company consisting of the business men of Shelley, has received a permit from the state to use water in Snake river two miles above Shelley for use in a power plant. This plant will cost \$100,000 and will generate 8000 horsepower. The dam is in course of construction and will be 100 feet high and 310 feet long. The plant will be completed about February 1.

## High Price for Land.

(Special Dispatch to The Journal.)  
Irving, Or., Nov. 13.—C. J. Fassett has sold his 30 acre ranch west of town to G. Tenick of Iowa, the price paid being \$110 per acre. Mr. Fassett has moved to Eugene, having bought property and will build a modern home.

## Record Price for Land.

(Special Dispatch to The Journal.)  
Central Point, Or., Nov. 13.—Bert Anderson has sold 180 acres of his farm two miles from this place, for \$27,500. R. D. Hoke, recently from Florida, is the new owner. Mr. Hoke was formerly extensively engaged in the growing of pineapples and grape fruit on the west coast of Florida, but has sold out his holdings there and will become a fixture in southern Oregon.

## Big Crop on Garden Patch.

(Special Dispatch to The Journal.)  
Eugene, Or., Nov. 13.—On a plot of two and a half acres, Mrs. H. H. Renfro this year produced 80 bushels of wheat, 70 bushels of potatoes, 40 big pumpkins and a ton of carrots; total value, about \$125. This shows what intensified farming will do in Lane county.

## Sawmill at Klamath Falls.

(Special Dispatch to The Journal.)  
Klamath Falls, Or., Nov. 13.—F. T. Higgins and Frank McCormack of Klamath Falls and John T. Getty of Missoula will put up a sawmill five miles east of town on the French Lake road. The mill's capacity will be 25,000 feet per day.

## Traveler Will Have Orchard.

(Special Dispatch to The Journal.)  
McDougal, Or., Nov. 13.—W. Cotton has bought 10 acres from Anderson & Green for \$100. Mr. Cotton is a traveling man. He will establish a large orchard on the land.

### Strahorn Enterprises Clash With General Electric on the Columbia.

(Special Dispatch to The Journal.)  
Kennewick, Wash., Nov. 13.—The whole of central Washington is watching with deep interest the gigantic contest that is going on for the control of the richest irrigated belt of the state, where electricity, generated by waterpower, is to dominate the development of more than 100,000 acres irrigable land along the Columbia. From Wenatchee to Pasco and from Richland to Wallula the eyes of every man are turned toward the waterpower projects.

Three big Seattle water and electric power companies are factors in the gigantic contest for control of water, electric power and irrigation resources of the lower Columbia river valley. The Burbank Water & Power company, of which James D. Hoge is president, is one; the Hanford Irrigation & Power company, of which Michael E. Harris is president, is another, and the Lower Yakima Valley Irrigation company, of which M. E. Downs is president, is a third. Strahorn's electric power and railroad enterprises in the valley are interwoven with these.

### Projects Developing Rapidly.

The combined electric horsepower rating of the Hanford and Burbank projects is not above 3500 at this time, but plans are already under way for the rapid development of both enterprises. The Lower Yakima Irrigation company takes water from the Yakima at Horn Rapids, and has finished its first year without a break in the main canal. More than 1000 acres of the most fertile soil at Richland is to be reclaimed this winter by the Downs corporation by the aid of electric power for pumping purposes.

Across the Columbia river, at Pasco, there is a level tract of nearly 10,000 acres which Strahorn and his associates have sought for months to bind up in a contract for reclaiming by means of pumping water from the Columbia by electrically operated pumps. Arrow-smith, the Yakima superintendent and manager for the Spokane wizard, is authority for the statement that a site for a big pumping plant has been obtained on the Snake river, three miles east of Pasco, and that pumps operated by electricity generated by waterpower on the Naches river, over 100 miles away, will be available within six months.

### Battle on at Walla Walla.

The tocsin of war has been sounded at Walla Walla, where Robert E. Strahorn, the railroad wizard of the north-west, is seeking an outlet by asking for a franchise for his big system of electric lighting, power and railroad enterprises and where he intends to confer with the combined forces of the two western electric corporations now held in trust by the Bond & Share company, of New York, an acknowledged holding corporation of the General Electric company. For the first time in the history of the Pacific north-west, there is to be a real clash of interest between the big power companies operating in Idaho, Washington and Oregon.

Boston has for 20 years been the financial headquarters of the banks and power companies which have furnished untold millions of dollars to the General Electric company and its allied corporations, such as Stone & Webster, which owns and manages 95 per cent of the power plants in the Pacific north-west.

## FAST MAIL TRAIN HAS WORLD'S RECORD

(Special Dispatch to The Journal.)  
Seattle, Wash., Nov. 13.—For 35 days the fastest long distance train in the world, the Seattle to St. Louis, in 45 hours has made good. James J. Hill's new departure is a success, and the Great Northern railway reports that the new mail flyer has not only maintained its exceptionally fast schedule, but has shown an actual performance averaging half hour less than the schedule since it was placed in operation.

The distance is 1828 miles and to maintain the schedule the train must make for the entire distance an average speed of a fraction less than 40 miles an hour without allowing for loss of time for coal and water stops. This means that over long stretches of track it must make 80 miles an hour to compensate for less speed on mountain grades and for loss of time through unavoidable stops.

## OLD APPLE ORCHARD WILL BE REVIVED

(Special Dispatch to The Journal.)  
Cott Grove, Or., Nov. 13.—The McFarland orchard, planted in 1856, is to be given another chance. The orchard has been pruned but once, and never was sprayed. A. L. Wynne and Sid Hamlin, practical orchardists, have leased the trees for five years and will try to rejuvenate them.

## Record Price for Land.

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## Big Crop on Garden Patch.

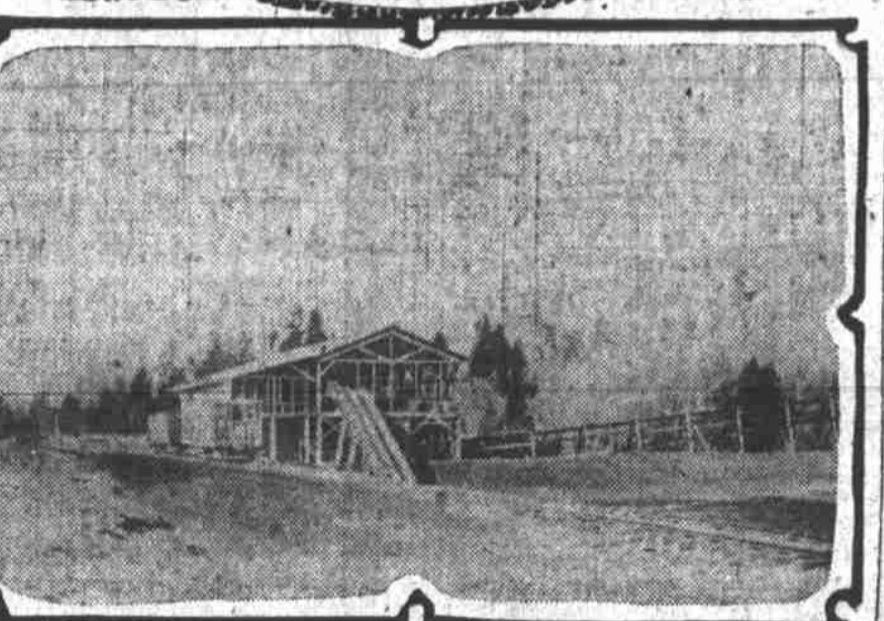
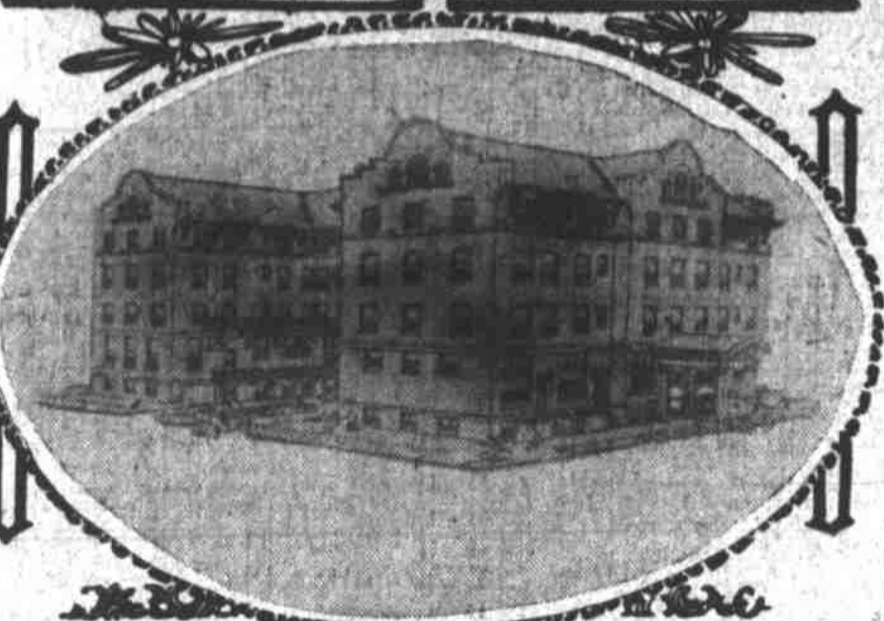
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Rebuilt Christian church, Forest Grove, to be dedicated Sunday. Pastor, Rev. E. V. Stivers.  
Osburn Hotel, Eugene, nearing completion. Cost \$150,000.  
Nibley-Minnaugh Sawmill, Wallowa.

## 350 CARS PRUNES IN CLARK COUNTY OCTOBER CARGOES 42,000,000 FEET

### Packing Plants Ship Fruit to Foreign Markets and Eastern Cities.

(Special Dispatch to The Journal.)  
Vancouver, Wash., Nov. 13.—Three hundred and fifty carloads of prunes will be shipped from Clark county as the product of the crop of 1909. This will be the largest output of the fruit in the history of the industry here. The product is being shipped to London, Paris, New York, Chicago, St. Louis and Kansas City.

The Hudick Prune Packing company will complete the season's run in less than a month, and at that time will have shipped 3,000,000 pounds of Clark county's chief fruit product to various parts of the United States. The company is shipping an average of one and a half cars a day. Each car contains about 20 tons of fruit.

### Packing Many Prunes.

(Special Dispatch to The Journal.)  
Salem, Or., Nov. 13.—Six million pounds of prunes are passing in a steady stream through the Tillson packing house. The packing, facing and shipping will continue well into the new year. Already 38 cars have been shipped out, several of which have gone to make up European shipments.

## WALLOWA SAWMILL READY FOR WORK

(Special Dispatch to The Journal.)  
Wallowa, Or., Nov. 13.—The Nibley-Minnaugh Lumber company's band mill, having a capacity of 50,000 feet per day, is completed. This mill, with nine smaller mills, will produce 2,000,000 feet of lumber annually, all of which will be marketed from this city.

## Railroad Clubhouse.

(Special Dispatch to The Journal.)  
Pocatello, Idaho, Nov. 13.—The Oregon Short Line railroad will, at once, build a club house for use by the company's men here. The building will be of frame construction, two stories in height, 48x75 feet. It will be modern in every respect and will be equipped with first class restaurant, neatly furnished sleeping apartments, commodious lounging and reading room and bath.

## Newcomer Buys Orchard.

(Special Dispatch to The Journal.)  
Jacksonville, Or., Nov. 13.—W. H. Brown, recently from California, has bought 17 acres of land from A. N. Wright, for \$7500. Three acres are planted to young fruit trees.

### Northern Pacific Seeks to Secure River Banks at Lewiston.

(Special Dispatch to The Journal.)  
Lewiston, Idaho, Nov. 13.—That the Northern Pacific railroad wants to grab the Lewiston waterfront and shut out the Milwaukee road from terminal privileges along the Snake and the Clearwater is certain. That those privileges, if secured, will add \$500,000 to the property of the road securing them is admitted by engineers who have gone over the ground. Now the fight for control has begun in earnest.

During last summer the Northern Pacific quietly took the first step to acquire the Snake river waterfront by filing a suit against D. C. Hiral and wife, who occupy the Snake river island. In this suit the Northern Pacific hopes to show ownership to the property adjoining its lands west of First street and running to the middle of Snake river which takes in the island. Thus far the city has taken no action to protect its interest in this matter though City Attorney Butler has had the papers in the case under investigation since last July.

### Action in Ejectment.

Now comes the company again into court and files an action against Caper Neukam, who occupied land on the Clearwater. The suit seeks to bring the defendant into court to show what interest he may have in the property which he occupies and asks that the court issue an order of ejectment and pass title to the plaintiff on the ground that it adjoining the company's property west of Fifth street and that the company's title extends to the center of the Clearwater river.

It is evident that the Northern Pacific expects to acquire title on the grounds that the city has granted the company the right to use a street which has been vacated but which has never been needed to the company. That the Northern Pacific hopes to acquire the waterfront in Lewiston is not denied. It would give that company a decided strategic advantage over other roads and might prove a stumbling block to future railroad development.

### Mariposa Rights Undetermined.

The question of riparian rights to the Lewiston waterfront, on both the Snake and Clearwater rivers, is yet to be decided in the courts of this state. The question as to whether the city of the state of Idaho has title is a much mooted problem. Regardless of this, however, if the city of Lewiston sleeps on its rights at this time and the Northern Pacific determines its right to the island along the Clearwater river, the situation may become complicated and result in much litigation in the future. In the new suit the Northern Pacific assumes that through the occupancy of a street by its railway tracks it owns the property lying north of that street, extending to the center of the river.

### Brushing Surveys.

In its eagerness to secure an advantage over its rival, the Chicago, Milwaukee & Puget Sound railway, the Northern Pacific is rushing its surveys on the North Fork of the Clearwater to rapid completion, making its work permanent and securing definite location for a line which probably will be built in the near future to the rich Clearwater timber belt.

The entrance into the Clearwater field by the Milwaukee leaves room for speculation concerning its objects. The building of a belt line through the timber east and south of Trumbull on Elk creek and extending as far south as Oregon, and on to Lewiston, thence east and north to a main line connection, now seems to be a settled fact. The exclusive control of the traffic of that district for years by the Northern Pacific is about to be challenged.

## IRRIGATION PLANS SHOW PROGRESS

(Special Dispatch to The Journal.)  
Prosser, Wash., Nov. 13.—Plans for irrigating a large district in the Horse Heaven wheat belt are rapidly maturing. Professor O. L. Walker, of the State college, is assisting the settlers in formulating a contract with the Kilkittat Irrigation & Power company in an effort to get work started quickly. A meeting of land owners has practically agreed on terms with the company, but details have to be worked out. It is expected that the contract form will be ready for signatures next week.

## FIVE YEARS IDLE; MILL WILL GRIND

(Special Dispatch to The Journal.)  
Colton, Wash., Nov. 13.—After remaining idle for five years the Colton roller mill will resume operations about December 1. M. J. Rumbaugh, who became the owner through a mortgage five years ago, has sold it to H. Munsterman of Kendrick, Idaho. The new owner has engaged the services of an expert miller, and will begin overhauling it at once.

### Idaho to Develop National Beauty Spot on Snake River.

(Special Dispatch to The Journal.)  
Twin Falls, Idaho, Nov. 13.—Work has begun on Idaho's first state park, plans for the improvement of the grounds and the boulevard from this city have been adopted, and by spring a great transformation will have taken place. The last session of the legislature set aside as a state park all of a school section on the southern side of Snake river adjoining Shoshone Falls, said to be one of the scenic wonders of the world. The park will be located five miles northeast of Twin Falls, in addition to giving the land the bill carried with it an appropriation of \$2000 by the state, conditioned upon Twin Falls donating an equal amount for the improvement of the park. The board of county commissioners was not slow to take advantage of securing the park and immediately voted the \$2000 and designated A. L. Bessire as overseer of the work.

### Make National Beauty Spot.

The people of Twin Falls claim that they will make the new park one of the spots of the northwest. Not only have views of the falls and scenery in the park been taken, but a system of advertising the new state park will be followed so that it will be called in the minds of visitors in Idaho. Aside from a park site the land is absolutely worthless, owing to its rocky condition and it is so located, adjacent to the falls, that as a natural park site none better could have been selected. The right selecting which nature has given to this particular section, mingled with the beauty of the falls and the general unique surroundings make the park a spot which will be one of the chief attractions in the future in this part of the northwest.

## RETIREMENT OF GENERAL WESTON

### Fifty Years of Service—Will Cause Many Important Transfers.

(United Press Special Wire.)  
Washington, D. C., Nov. 13.—After a service of nearly 50 years, Major General John E. Weston was placed on the retired list of the army on account of age. General Weston is a native of Kentucky and during the Civil war served in the Fourth Kentucky volunteer cavalry. Following the war he was appointed a second lieutenant in the Seventh United States cavalry. In 1888, at the beginning of the war with Spain, he was appointed brigadier general of volunteers, and the next year he succeeded General Egan as commander of the department of California.

The retirement of General Weston results in a number of important transfers and promotions in the service. The vacancy in the grade of major general has been filled by the promotion of Brigadier General William H. Carter, commanding the department of the Luzon.

Major General Thomas H. Barry, who has been on leave of absence since his detachment from command of the department of Cuba on pacification last April, has been designated to succeed General Weston as commander of the department of California. General Barry is one of the oldest and best known officers of the army. He is a native of New York and graduated from the West Point academy in 1877. In the war with Spain he served as assistant adjutant general. He was with the China relief expedition in 1900 and subsequently served as chief of staff of the division of the Philippines.

### To Wed Naval Lieutenant.

Philadelphia, Pa., Nov. 13.—St. Peter's Episcopal church is to be the scene of a brilliant naval wedding this evening, when Miss Marie Louise Johnson, daughter of Dr. and Mrs. William Johnson of St. Louis, Mo., becomes the bride of Lieutenant James Atkinson Campbell Jr., of the United States navy.

### Cabbage Yields \$750 Per Acre.

(Special Dispatch to The Journal.)  
St. Helena, N.Y., Nov. 13.—Truman & Wunderlich are harvesting 75,000 pounds of cabbage for the Spokane market. Some acres of their land have produced a crop worth \$750.

### An European syndicate has secured control of 34 of O'Leary's best gun mines, from which the richest rubies, sapphires, moonstones and cat's eyes are obtained.