



ALASKA COAL PERFECT

Secretary Daniels Tells Congressmen the Matanuska Product Makes Steam.

Washington, Dec. 14—Secretary Daniels today told the House naval committee that tests completed 10 days ago on coal from the Alaska Matanuska fields had proved practically perfect for naval use.

The report of successful naval tests of Matanuska coal was sprung as a surprise by the Secretary, who was elated particularly because of plans going forward for the Alaska railway to open up the coal fields. It was the more gratifying, he said, in view of the fact that last year tests indicated that Bering River coal was not suitable for naval use.

The report shows that the Bering tests were repeated on the coal from the Matanuska for seven days on a forced draft trial of four hours at a speed of 20 knots, a natural draft test of 24 hours at 15 knots and another of 40 hours at 10 knots.

"Unlike the tests made with the Bering River coal last year," the Secretary said in his memorandum to the committee, "it was not necessary to hand-pick the Matanuska coal for these tests. It was used in the same condition as when delivered, and results are so satisfactory as to justify the belief that Matanuska coal is in all respects satisfactory for Navy use provided the coal tested is a fair indication of the general character of the coal in that field."

Swamped With Orders

White Salmon, Wash., Dec. 15—The Swan-Hamann Lumber Co. has completed a new logging railroad through School Sec. No. 16 to the company's mill on the mountain. Full crews of men are employed and it is necessary to work a night shift as the company is swamped with orders.

Brewery Closes Down

North Yakima, Wash., Dec. 14—The manufacturing department of the N. Yakima Brewing & Malting Company closed down Friday night and the statement given out is that the plans for the future are indefinite. The brewery has room 1200 to 1500 barrels of beer on hand which, it is claimed, is too big a supply considering the demand at this season of the year. One of the owners of the plant says that it has

been decided to be unwise to attempt transforming the present plant into a fruit by-products factory as the ground occupied in the center of town is too valuable for the purpose there are no sidetrack facilities, and there will probably be objection from the health authorities to such a plant. The company is inclined to enter the fruit by-product business here, and it is possible some arrangement will be made to exchange the present brewery site for another on the outskirts of the city sell portions of the machinery transfer to a new building all machinery that can be profitably used in the manufacture of fruit by-products and junk the rest.

Revival of Stone Industry

(From the Pacific Coast Manufacturer)

A year ago a campaign was started by this publication to revive the stone industry in Oregon. Meetings were held between owners of quarries and members of the stone cutters union and a co-operative plan worked out to promote use of Oregon stone in Public buildings.

Since then capital has been invested in a number of dormant quarry properties, machinery installed, and tests of the building stone made on a large scale with the result that Oregon has probably reached the end of the stone importing period that has been in vogue too long.

The competition of Oregon stone is so strong that the material for the construction of the new million dollar postoffice at Portland will undoubtedly be native stone. It is now confined to Pioneer sand stone from Yaquina river and Tenino sandstone.

Ocean Going Submarines

A correspondent of one of the London daily papers at Copenhagen speaks of a report from Hamburg to the effect that two unusually large submarines have been completed for the German navy and are making trial trips at the mouth of the Elbe. According to the report: these submarines are four times the size of any existing vessels of this type, with a radius of action which will enable them to keep at sea for forty days without having to replenish their oil tanks and stock of stores, or even have recourse to the submarine tender. This would mean a submarine into thousands of tons displacement. Such vessels will be built and at no very distant date. It is quite conceivable that in view of the enormous offensive power of such a craft, the Germans may be springing a surprise in underwater craft similar to that which they gave with the 16-inch gun in siege artillery.

Game Laws and The Farmer

Laws under which the land owner must have a license to hunt or fish on his own premises are called perfect by the game experts.

The sportsmen's clubs are holding county and state conventions to create sentiment to go before the legislature in their own behalf.

The farmers and land owners in Oregon and Washington are also interesting themselves in more stringent trespass laws.

The Fish and Game commission during the past year collected and expended about \$160,000 in propagating game and fish.

Game farms have been established and agents have been sent to Europe to import new varieties of game birds for Oregon.

Members of the game commission are sent over the state to give illustrated lectures and expensive publications are sent out.

The citizen who does not hunt or fish is not allowed to buy game or trout in the open market, and venison is for game lords only.

Uses of Tungsten

Tungsten is used principally as an alloy of high-speed steel—that is, steel used in making tools used in metal-turning lathes running at high speed—to which it imparts the property of holding temper at higher temperature than carbon steels will according to the United States Geological Survey. The new well known ductile tungsten is used for incandescent lamps, which are fast displacing carbon lamps. Recently greatly improved lamps in which the wire is wound in helices and in which the globes are filled with nitrogen, have produced a close approach to white light. These lamps are furnished in candle powers up to 2,000. Ductile tungsten is practically insoluble in all the common acids; its melting point is higher than that of any other metal, its tensile strength exceeds that of iron or nickel, it is paramagnetic, it can be drawn to smaller sizes than any other metal (0.0092 inch in diameter), and its specific gravity 70 per cent higher than that of lead.

Concrete Roads

Concrete road construction has increased from 34,000 square yards laid in 1909 to 197,000 square yards, it is estimated has been laid during the season of 1914. This would be sufficient, were it put down in a single stretch, to form a roadway four yards wide and 2,700 miles long.

INDUSTRIAL REVIEW

Manufactures Enterprises and Improvements Providing Payrolls and Promoting Development of Oregon

Miss Fern Hobs has been appointed by Governor West to be a member of the Workingmen's Compensation commission at \$3600 a year.

Portland Commercial Club and Chamber of Commerce want to consolidate.

The Rogue River Public Service corporation bids on lighting Gold Hill by offering to put in a payroll of \$600 to \$1,000 per month.

The Chewaucan press says several hundred thousand dollars worth of property is awaiting action of the Desert Land Board that has been delayed several months.

The O. W. R. & N. has spent \$4,300, 000 on its Malheur County extension to the North bank of Harney Lake.

Yamhill county has appropriated \$15, 000 for the Tillamook road West of Willamina. The state will be asked for a similar amount.

Clatsop gives Pacific Power & Light Co. a fifty-year franchise.

Baker county levy same as last year a \$500,000 less valuation.

Domestic Science will be taught in the Astoria High school.

The declining wool industry is to be promoted with demonstrations all over Oregon.

From 1900 to 1914 Oregon increased in population outside of cities only 46, 069 or 4,607 per year. More industries cheaper land and lower taxes are the remedy.

The Gold Leaf mine will operate a five-stamp mill in the Bohemia district with 12-horsepower gas engine.

Gov. Withycombe says dawn state appropriations and keep down taxes.

Salem—will erect a \$20,000 school house.

Portland—Selection of stone for the \$1,000,000 postoffice now rests between Pioneer and Tenino sandstone.

The Northwest Steel Co. of Portland was lowest bidder for 8 steel bridge across the Celilo canal to be built at once.

Engineers ask Congress for \$1,750, 000 to complete work at mouth of Columbia.

A steel bridge is to span the Umatilla river at Mission.

Scio gets a new drygoods and clothing store.

Mill City Old Fellows have dedicated a new hall.

The Booth-Kelly mills have been put on an 8 hour day for the winter.

The state Labor Commissioner collects \$21,000 for inspection of factories. The Workingmen's Compensation Commission is required to do the same thing.

These Commissions are to be consolidated.

The Granite Hill mine near Grants Pass will install a cyanide plant.

The manufacture of buckskin gloves in Curry county has been broken up by a posse of game wardens.

Eugene sold \$34,000 bitulithic paving bonds at a premium.

Albany business men and fruit growers will build a co-operative cannery.

Wild hogs are an Oregon product. Thirty were shipped from Curry county to Marshfield to be fattened.

When considering high salary propositions in Oregon, it should be remembered that Nebraska voters refused to raise the Governor's salary above \$2, 500 at the recent election.

Auditing County books by the State Board of Accountants is costing the various counties double what it did formerly.

Announcement by the Southern Pacific of construction up the coast from Eureka to Marshfield may be made Feb. 1.

The manufacture of show cases and store fixtures has been established on a large scale by the Woodcraft Co. of Marshfield.

MAKING SAUER KRAUT

(From U. S. Dept. of Agriculture)

The department's assistant in girls' demonstration work, who is endeavoring to aid the young women in rural communities to get the most good out of their vegetable products, recommends the following recipe for preserving cabbage in this manner.

SAUER KRAUT or "CROUT"—Use 1 to 3 quarts salt to 20 gallons

shredded slaw. Remove outside leaves and hard core of cabbage. Shred finely. Line the keg with the larger leaves on the bottom and sides as you fill it. Put in 3-inch layer of shredded cabbage and sprinkle with 4 or 5 table-spoons salt. Continue to repeat this process lining with the large leaves. Pound it all down well until the cask is full and covered with the brine. Cover with the large leaves and a board cover to fit inside the cask. Weight this cover down with heavy weight so it will keep the cover level. It is necessary that all the cabbage be covered with brine at all times. Keep in a cool dry cellar three weeks to a month. Remove the scum and see that the kraut is well covered with juice. When the weather is warm the kraut will cure in 16 to 18 days, when it is ready for use or for canning.

PORTLAND LETTER

Fat Stock Show Success. Sugar Beet Factory for Medford.

Portland, Ore., Dec. 15. (Special)

The fat stock show at the Portland Union Stockyards last week was one of the most notable events ever held on the Pacific Coast. From year to year the stock exhibited at this annual show shows great improvement, but the animals presented in the ring last week were of a quality to make one wonder if the limit of perfection has not at last been reached and if it is possible that further improvement can be made. And in this matter of improvement of stock the agricultural colleges of the Pacific Northwest states are certainly occupying the front rank as animals entered by students at these institutions were awarded the highest honors. The Grand Champion of the entire show was a splendid two-year old Angus steer weighing 1650 pounds exhibited by the Agricultural College of Idaho. This steer was sold at auction and brought 24 cents per pound.

Practically all the stock shown was sold at auction, the prices ranging fairly high. The highest price paid for a single animal was \$1,025 for a Holstein bull, a close second being a cow of the same breed which brought \$1,000. One and two year old Shorthorn breeding stock brought from \$200 to \$500 each. Taken as a whole the sale was one of the most successful ever held in the Northwest. Attendance for the week aggregated about 40,000 many of the visitors came from distant points staying all week and following the sales closely.

During the stock show the Oregon State Butter and Cheese Makers' Association held its annual meeting, lasting four days, at the close of which O. B. Neptune, of Albany, was chosen president for the coming year. The dairy products exhibited were of unusually fine quality, A. A. Oswald of the Hazelwood Creamery Co. being awarded the first prize for creamery butter, second prize going to Samuel Olsen of the Jensen Creamery Co.

At a meeting held at Medford late last week it was decided to establish a sugar beet plant at that point if the necessary acreage could be secured. Business men from Salt Lake, Utah, met with more than 500 ranchers and guaranteed to put up the sugar factory, to cost not less than \$500,000, if contracts can be signed up for not less than 5,000 acres of beets.

A movement of interest to all stock raisers in this state was inaugurated at a meeting of the Oregon Cattle and Horse Owners Association in Portland last week. It is proposed to have all brands registered with the State Veterinarian instead of with the county clerks, as heretofore, which it is said will entirely prevent duplication of brands and will also make easier the detection of cattle thieves who attempt to obliterate or change existing brands.

Another feature of the proposed bill is that it will require a descriptive certificate sent with all shipments of cattle or horses, a duplicate copy to be retained by the agent making the shipment.

Expense of Fish and Game

Salem, Or., Dec. 16—According to figures compiled by Gov. West the disbursements of the Fish and Game Commission from November 1913 to October 14 1914 totaled \$134,552.78. The receipts totaled \$119,096 and there was a balance on hand at the beginning of the period amounting to \$43,492 leaving a balance of \$24,035.46 on hand at the close of the period. The salaries of the deputy game wardens during the period aggregated \$33,251.34 and the special deputies' salaries \$63,785.30. The amount paid out in bounties was \$9517. The expenditures each month ranged between \$8743 and \$12,714.

Trepass on National Forest

The case of J. T. Steen of Enterprise Oregon, for grazing trespass on the Wallawalla National Forest, was tried in Portland on December 7. The jury awarded damages in the sum of \$83.21, with costs amounting to \$317.89.

Mr. Steen allowed his cattle to drift on the National Forest without a permit, which is contrary to the regulations. While the government is reluctant to prosecute in such cases, it is absolutely necessary that action be taken to protect those residents who depend upon the government range for their summer grazing, and who have taken out permits for the use of the range.

Motor Car Factories

Most of the motor car manufacturers in Germany are working twenty-four hours each day in an endeavor to keep up with the demands of the army officials, although several report considerable private demand. In most of these factories there is great difficulty in carrying on the work as so many of their workmen have been called to the front, and it is extremely hard to secure skilled labor anywhere in the country now. In some cases the employees of shops engaged on government contracts have been sent back to their work in uniform to enable the work in hand to be completed. A number of factories have been taken over entirely by the government, and some nearer to the scene of activities have been devoted entirely to repairing damages sustained at the front. This is particularly the case of Belgian factories. Besides the scarcity of labor the difficulties encountered are in securing supplies of rubber for tires, and in the transportation of materials required, even in the case of government contracts.—Scientific American

Big Wheat Farm Sold

Pendleton, Or., Dec. 15—The sale of 600 acres of wheat land near Havana station here yesterday by James Nelson to Dave Bain for \$51,000 is one of the most important deals that have been made in Umatilla County for several months. The land has been rented for about four years by Bain Nelson making his home in Alberta where he has other farm lands.

Spice of Life

"I beg you pardon, sir—" "Granted; but it's no use begging for anything else."—Glasgow Record.

Jack—I was just admiring Mabel's hair. How pretty pretty it is? Mabel's rival—h she has some prettier than that.—New York Globe.

"What is a gusher in an oil field?" "The man who writes the prospectus!" replied he who had been stung.—Birmingham Age-Herald

"There's one thing I will say for my first two husbands." "What's that?" "They always paid their alimony promptly."—Detroit Free Press

Friend (to unlucky angler)—Hallo, have you fallen in? Angler (wringing his clothes)—No you idiot! This is perspiration!—Boston Transcript

"Do you like Wagner?" "Better than I used to," replied Mr. Cumrox. "There's a lot of his music that no one would attempt to dance to."

"What's this easy payment plan dat yo' bought dat swell suit o' clothes on sah?" "Dollah down and dolah ev' y time de collector done kotchess me."—Judge

"Who are those people who are cheering?" asked the recruit as the soldiers marched to the train. "Those are the people who are not going," replied the veteran.—Puck

"Colonel, I hear there's a shortage of drinking water in town," said the new arrival. "Yes, sah. It's likely to be had on such horses and cows, sah."—Livingston Dance

"You are a relation of the Riehlighs aren't you?" "Yes, a distant relation." "How distant?" "Well, as distant as they can keep me."—Torreco Blade

"Will you have anything on your face, sir when I am through?" asked the barber. "That depends on whether your razor slips or not," said the victim in the chair.—Dallas News

Consumer—Do you call these pork chops? Waiter—Can't you tell by the taste? Consumer—No. Waiter (querulously)—Then what does it matter what they're called?—Punch

Winter is not due for a week yet, according to the astronomers, who ought to get in line with our up to date winters.

All Kinds of
Xmas Bargains
At
Lewis Ulrich's
Men's Sweater Coats 1-2 Price
Spuds \$1.40 per hundred
Other Bargains too numerous to mention
Flour, Groceries, Feed, Etc., at
Bedrock Prices.

Xmas Goods Now on Display

The Pioneer Store

Jacksonville, Ore.