# PHASES OF INDUSTRIAL GROWTH IN THE STATE OF OREGON

## OREGON'S GREAT COPPER BELT

Mining Operations Near Baker City Show Faith of Eastern Capitalists.

## LARGE ORE BODIES FOUND

Eagle Valley Railroad or Smelter in Heart of District Will Make the Mines Paying Properties. Description of Deposits.

BAKER CITY, Or., April 15.-(Special.) - With the progress of development in the copper belt, and the announcement made Eastern capitalists that a smelter will be erected in event the Eagle Valley road is not constructed, new activity is noticeable in all the copper mines. That is noticeable in all the copper the belt is a true and valuable copper formation is believed by the men who are putting their money into the deep shafts. The belt will produce tons upon tons of native copper ore at a small cost. This native copper ore zone extends down-ward for various depths, varying with

contour of the surface. The belt which is well defined and which has been variously reported upon, extends from near Haines in an easterly direction to the Seven Devils in Idaho. It carries values in copper, gold and silver, according to depth and formation. On the surface it is the richest copper belt ever opened in the West. At the western terminus the copper is found in a native state. The belt here is not would defined but toward the Medical

il defined, but toward the Medical o well defined, but toward the accura-prings country the outcroppings are more frequent and the limits of the belt more clearly defined. An immense wall of limestone, commonly termed the limedyke," without which there never can be true copper deposits, is well de-fined just back of the belt. In some localities it rises for hundreds of feet above the belt. This Ilmedyke is clearly marked from the Medical Springs country to the east through Burksmont and then drops towards the mountain range past Copper Butte, where it strikes Goose Creek.

## Runs Along Goose Creek

Goose Creek is a small stream rising to the southwest of Eagle Mountains and forks back of Copper Butte, one fork flowing across to the Lower Powder River and the other in a northeasterly direction to the Snake River. The "Bue-dyke past Copper Butte follows the north bank of the north fork of Goose Creek, and is well defined clear to the Seven Destite

Along this entire distance the copper indications are marked and rich. On the indications are marked and rich. On the western end of the belt the copper is found in a "fire rock," the ore carrying from \$5 to \$4 a ton in gold and from \$5 to \$6 per cent in copper. Towards Medical Springs the sulphides are more noticeable and are found in closer proximity to the limedyke. The dip of the strata is northeasterly at a small degree toward the abutting limedyke. In the sulphide zone the copper values are phide zone the copper values are after than in the "fire rock." he rock continues about the same in Medical Springs to Burkemont.

where the interest is now centered in the North American Mining Company's new haft through the native copper. This hiaft is now down 25 feet, of which 75 cet is through a solid bed of native cop-This rock has a slight dip of the shaft are appearances of sulphides. Water indications are growing stronger, and it is believed that the water will be reached within the next 100 feet.

### Found True Copper Vein. This belt in the vicinity of Burkemon

has a width of about half a mile. On a prospect in this vicinity about 29 years ago a miner named Nelson, while search-ing for gold, followed a true and welldefined copper seam appearing in red exide for a depth of about 80 feet. This seam had an incline of about @ degrees toward the limedyke. The copper bear-ing seam, which was about two inches cide, ran 80 per cent in copper. This is the only place on the belt on the Oregon side of the Snake where a true copper seam or shoot has been discovered. From the discovery of this copper seam

Burkemont district mining mer hold that the deposit of native copper has been caused by volcanic action below and not by crossion, and that after the water level is reached the true sulphides water level is reaction the true supmers will be encountered. This theory seems to be substantiated by the nature of the copper deposits found in the Seven Devilla across the river in lights. The belt, which dips to the Snake River, is of the formation as that of the Idaho Ser en Devils. Over on the Idaho side there are two or three mines with well-defined ore shoots, all having the incline in the general direction.
true contact called for by experts

is to be found in this best and the ore is the same as that of Northern Michigan, except that conglomerates have not as yet been discovered in the Oregon best. it is not believed that there are any conglomerates here, for the reason that the native copper in the igneous rock is found so near the surface and as the sulhides are close to the limedyke. But the amygdaloids are found in both the Sever Devils in Idaho and in the Eastern Ore

## Development Only Begun,

The development work on the belt has been done only within the past two or three years. Prior to that time the belt had been examined on the surface by umerous experts and men who were no experts, and, while they reported im-mense bodies of native copper the lack of transportation facilities put a damper extensive development.

But within the past two or three years Sut within the past two or three years two companies have expended large sums of money in sinking shafts and doing development work. The first big plant was put in by the Indiana Mining Company. It did thorough and extensive development work sinking about 200 feet.

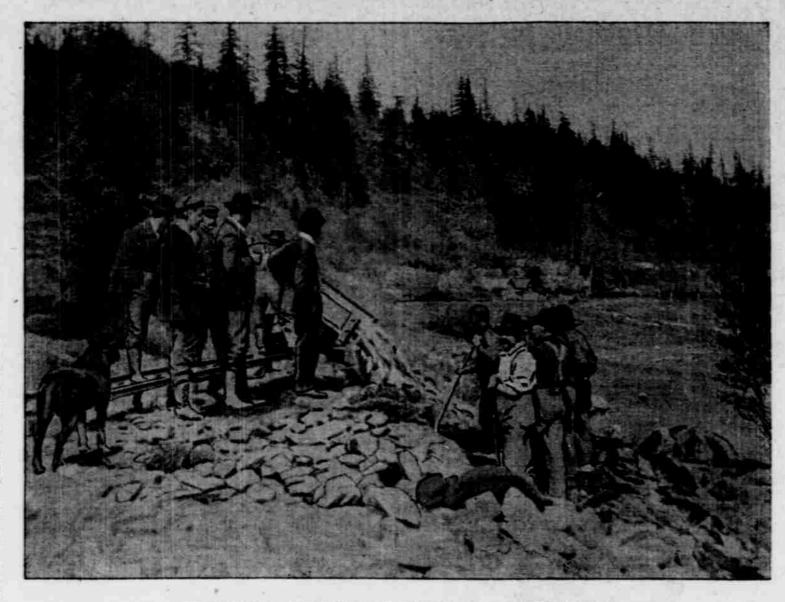
The next company to undertake real development was the North American, farther east in the Burkamore, district.

farther east in the Burksmont district.

The North American started its shaft just a few feet back of the old shaft that had been sunk on the two-inch copper seam. The surface in the vicinity of per seam. The surface in the vicinity of Burkemont is strewn with outeroppings carrying a green exide, brown exide and grey copper. This is very marked and distinct. The limedyke here rises very high, just back of the shafthouse. After this upper strata of rock carrying the exides and gray copper had been passed the shaft entered a body of native copper ore, which continued for over \$\tilde{T}\$ feet, or to the present bottom of the shaft, which is 225 feet from the surface.

Through this body of native copper ran one thin but rather well-defined sulphide vein. Below this vein again appeared the native copper, the rock getting

COLUMBIA VALLEY GRADERS AT WORK NEAR CARSON ON THE NORTH BANK OF THE COLUMBIA RIVER.



AT THIS POINT THE CLASH WITH THE PORTLAND & SEATTLE WORKMEN OCCURRED.

sprinkled with copper, carries well-defined seams and wire spots. The dip of the rock toward the limedyke becomes more noticeable and water indications are more

## Prospects at Copper Butte.

On the east of Burkemont is Copp On the east of Burkemont is Copper Butte, which seems to be an upbeaual from the lower strata. Throughout this butte native copper is found in practically the same rock as at Burkemont and Medical Springs. From Copper Butte the belt runs a little north of east across Goose Crock and follows the north forks. Goose Creek and follows the north fori Goose Creek and follows the north fork of Goose Creek down to the Snake River and appears on the other side of the Snake in the Seven Devils in Idaho. Along Goose Creek there has been considerable prospecting, but no extensive development. The character and grade of copper is, from surface indications, about the same as at Burkemont or Medical Springs.

Medical Springs. In the Seven Devils in Idaho the formation changes somewhat. Instead of the deep beds of native copper ore there are well-defined ore shoots carrying seams of copper of high value. These shoots or ams are followed in shafts, but in some of the mines the shoots are so wide and the seams so poorly defined that a dis-mond drill is used to keep the shaft on

The entire length of this belt in Orepretty well staked out and prospected. At the west end the old Buckeye mine, op-erated by Milwaukie capitalists, who did not know copper, has been lying idle for three years. This ore went from 13 to 14 in gold, besides the copper. Just be-low Burkemont is a prospect with a shal-low shaft which runs 15 in gold and about 10 per cent copper. If the Eagle Valley railroad is con-structed rhis Summer it will tan the conpretty well staked out and prospected. At

structed this Summer it will tap the copactuates this Summer it will tap the cop-per belt about six miles east of Burke-mont, and then follow the grade down the south fork of Goose Creek and com-ing back up Goose Creek strike the cop-per belt again. This road will make the mining of the native copper ore prolitable. And if the road is not constructed a smelter will probably be constructed on the belt near Medical Springs and the native copper ore can be mined just as

## PLANS TO EXPEND \$100,000.

## Oregon Securities Company Will Drive New Tunnel. COTTAGE GROVE, Or., April 15.-(Spe.

cial.)-The Oregon & Southeastern Railroad Company is gradually extending its road into the Bohemia mining district. It has graded and laid ralls three miles this Spring. General Manager A. R. Wood said it was the intention of the company to go ahead with the building until late this Fall, and by that time they expect to have the line some distance into the reserve. The business of the road is increasing so rapidly that the company is obliged to increase its rolling stock. It has ordered eight additional cars and a larger engine. The flatcars will come in from the East, heavily loaded with new steel rails for the track

Industrial conditions in this locality have never been so active as at the present time. The demand for laborers is so strong that the larger lumbering companies may be handicapped to a certain extent for men to operate their plants. Newcomers are arriving daily, and many of the laborers go to work the next day.

J. A. Eade. superintendent of the Ore-

gon Securities Company, came in from Bohemia last week to confer with Man-ager A. B. Wood to outline the season's work for that company. Its plans will involve an expenditure of at least \$100.000. A new tunnel is to be started on the Champion property for the purpose of tapping the rich ore shoots several hundred feet deeper. The tunnel will then be driven to the Musick property, a distance of nearly a mile. In driving this tunnel, some 40 or 50 veins will be opened up and will give the commany ore enough for and will give the company ore enough for

and will give the company ore enough for a 20-year run.

In addition the company is going to install an auxiliary steam plant near the Champion mill. The power will be used to reinforce the electric power when the water is low. The company is taking out thousands of dellars every month, and the output will be greatly sugmented when it companies in companies.

WORK WILL BE COMMENCED IN THE COMING MONTH.

D. J. Winslow, a Boise (Idaho) Electrical Engineer, Now Sole Owner of the Water Rights.

BAKER CITY, Or., April 15.-(Special.) Within the next month, if no unforseen obstacle urises, work will commence on the Ox Bow power project. D. J. Wins-low, the Boise electrical engineer, was in the city last week on his way home from the Ox Bow, and stated that the time of the Ox Bow, and stated that the time of construction depends entirely upon how soon A. T. Ingalls, the engineer who has been making the survey for the plant during the past week, can complete his

Mr. Winslow is now the sole owner of the Ox Bow. The transfer of the water rights was made to him a few weeks ago by Charles Bullen, of this city, and his associates, who have held that power for the past two years. The sum of \$25,600 was paid for the power.

be developed it would generate from 25,000 to 20,000 electric horse power. The entire project will not be completed at once, Mr. Winslow says, as there will not be sufficient demand. The first installation will be a plant generating approximately 10,000 horsepower. The plant will be increased to its full capacity as the de-

mand increases.

When the first installation is made, 21,-\$60,000 will be expended. The second in-stallation will cost less, about \$1,000,000 being required.

The work which is to commence this Summer will be the digging of three tun-nels across the Ox Bow. Each of these tunnels will be about 1399 feet in length. Three units of 2400 kilowatts each will be installed at first. The second installation

## ST. MICHAEL REDUCED

Reservation on Alaskan Island Reduced to Military Needs.

OREGONIAN NEWS BUREAU, Washington, April ia.-The following letter re-ceived by Representative Jones from the I beg to acknowledge the receipt of a let

I beg to acknowledge the recoipt of a let-ter from Norman R. Smith, and others of Scattle, Wash, which was left by you at the department on the 21st ultime, in which complaint is made of existing conditions at Fort St. Michael Alaska, in respect to the trans-shipment of persons and freight destined to interior points in Alaska. The unsatisfactory condition of affairs at Fort St. Michael was brought to the atten-tion of the department by the local military authorities in 1805, and instructions were

The new reservation includes (1) a small area upon which the military post is located; (2) the quartermaster's depot and shippard; (2) the wireless telegraph station, a short distance to the cast, and (4) the nest terms to the cast, and (4)

shippard: (3) the wireless telegraph station, a short distance to the cast, and (4) the post target range.

The reservation was approved by the President on November 20, 1903, and its to go into effect on November 1, 1904, on which date the old reservation will be transferred to the Interior Department for sale under the laws regulating the disposal of useless military reservations. The Department of the Interior was advised of this action an November 20, 1905.

The establishments that have been authorised from time to time on the military reservation at Port St. Michael in the operation of departmental licenses and which are mentioned in your correspondent's letter are all of them excluded from the new and reduced reservation, which includes only the lands upon which the military post and its appurtenances are located.

In December last urgent representations were made to the department by the representatives of the principal trading companies at St. Michael that its action in reducing the reservation to the limits actually required for governmental purposes would result in detriment to the military service. With a view to giving these representatives full consideration, the Commanding General, because the department of the commanding General, because the department of the reservation at ordered and directed by the reservation as ordered and directed by the President will be reconsidered in the light of the facts presented.

Strenuous Time in Pilot Rock.

## Strenuous Time in Pilot Rock.

Record. Record.

One of Mark Sturievant's pigs fell into East Birch Creek Wednesday, and on being seen by Mr. Sturievant's little boy, Pete, a commotion was soon started in that part of town. Pete commenced to cry out, "He will drown," running the while along the banks of the creek, with hat in hand. His cries were soon beard by one of the mothers hard. soon heard by one of the mothers hard by, who supposed it was Johnny, of course, that had fallen into the cold water and in a few moments would be with the little angels. In her flight she was asked by another woman what the trouble was, and on being told Johnny had fallen into the creek, pandemonium reigned. There are several small boys in the neighborhood that answer to the name of Johnny, and every woman in the neighborhood whose boy was not named Johnny imagined a mistake in the name of the boy might have been made, and, rather than take any chances, joined the crowd of women who swarmed about the creek in the vicinity of Pete's voice, now growing quite weak from overexertion. The pig. however, was holding its own. trying to float against the current, as might be expected of a hog, until it saw the crowd of excited women, when it started down stream in search of a better landing place. The pig was finally res-cued, and there is not a woman in town who will now admit she knews anything about the accident that befell one of Sturtevant's hogs.

Thread made from the spider's web is lighter and stronger than that which comes from the silkworm. In France there is a factory used only for the manufacture of spider thread.

# Congressman has called upon the Secre-tary of Agriculture to make the subject special in order that grazing may be per-mitted this year. He also has requested that some indication be given as to the future policy of the department in grant-ing these permits, that the interested peo-ple may know how to govern their, action for future years.

Aberdeen in a Flutter Over County Seat Election.

## SUSPECTS HER SISTER CITY

Will Insist That Hoquiam Place th Courthouse Near the Dividing Line Between the Two Municipalities.

ABERDBEN, Wash, April 15.-(Special.)—The county courthouse removal proposition, which is to be a feature of the election next Fall, is revived by the the election next Fall, is revived by the rumor that Hoquiam may jockey Aberdeen out of the benefits that will come from the change of location. Without the support of Hoquiam, Aberdeen could not get the Courthouse, though Aberdeen is the largest city in the county and thinks herself entitled to it. Aberdeen, however, walves her rights and will allow Hoquiam, if the proposition carries, to locate the Courthouse in Hoquiam, just across the line between the two towns. This would give Hoquiam the advantage of being called the county seat, but Aberdeen would not be at a great disadvan-

of being called the county seat, but Aberdeen would not be at a great disadvantage in any particular if the building is close to the line. The county seat would certainly be of far more benefit in Hoquiam and close to Aberdeen than where it now is, at Montesano.

Rumor has it, however, that the County Commissioners will simply place the proposition on the bailot by a mere call for a vote on the removal from Montesano to Hoquiam. Some of those who have not favored putting the Courthouse in Hoquiam say that if the bailot made no further stipulation, Hoquiam people could ask the County Commissioners to secure a site in the business center of Hoquiam and thus deprive Aberdeen of its benefit.

There will, therefore, be a demand on There will, therefore, be a demand on the part of Aberdeen that the exact loca-tion of the new Courthouse be specified on the ballots. It is generally believed that

the ballots. It is generally believed that
the proposition for removal will carry.
Aberdeen is in the heat of a postoffice
fight, inasmuch as the term of Postmaster Campbell will expire in August. Postmaster Campbell would like to hold down
his job another four years, and is likely
to do so if President Rooseveit follows
out his rule of not removing postmasters,
or other Federal officials, who have been
faithful to their trust. There is a quiet ELECTRIC ROADS PLANNED faithful to their trust. There is a quiet understanding that certain politicians would like the place, but no active work ROGUE RIVER VALLEY TOWNS would like the place, but no active work is being done, or if so it is being carried on covertly. Mr. Campbell will have his lieutenants at work when the time comes. The selection of Mr. Campbell was peculiar, but he has made a thorough and competent official. Postmaster Bell, who was serving prior to Mr. Campbell's appointment, encouraged business men to buy large quantities of stamps, so as to swell the office receipts sufficient to secure a free-delivery service for Aberdeen. It seems that he had offended certain petty politicians by countenancing the re-Condor Water & Power Company ASHLAND, Or., April 15 .- (Special.) Rogue River Valley people, at least ty politicians by countenancing the re-moval of the office from one street to an-other, and, as these politicians believed, detrimental to their business interests. The fostered sales of stamps were reportfar-sighted ones, who have watched ed to Washington, and an investigation and intermediate points into close and

resulted in the removal of Mr. Bell on the ground of "pernicious activity." But while Mr. Bell was getting out of But while Mr. Bell was getting out of office, another set of politicians got the job for Mr. Campbell, and those who had succeeded in getting rid of Mr. Bell found that they had been beaten at their own game. Mr. Campbell is not regarded as a politician, in the strict sense of the term, but he has many friends and has succeeded well in the position.

There has been an active canvass the past week to increase the membership of

past week to increase the membership of the Chamber of Commerce. While the organization has been of considerable value to the public and to the city, the

franchises from the valley towns and to the County Court for rights of way value to the public and to the city, the membership has been small, and at the last meeting a committee was appointed to make a canvass for members. It has succeeded so well that a special meeting has been called for Tuesday next to take in the 50 or more persons who have agreed to go into the Chamber and make it still more effective as a business factor. To the Chamber the action of the Council in voting warrants to build the big electric power plant at Gold Ray, on Rogue River, supplying light to the towns of Southern Oregon, including Ashiand, Medford and Gold Hill and Jacksonville, and power to the mines Council in voting warrants to build the Montesano road is due. The Chamber, with its enlarged membership, will do a great deal for the municipality the com-

RED TAPE BOTHERS SHEEP

While Departments Jangle Animals

Must Go Hungry.

and farms for general purposes. The company is also developing another big power station on Upper Rogue River, near Prospect, where it is said it will be possible to develop power enough for an extensive system of railroads in the valley. ing year.

The regrading of Broadway is causing contention among the owners of property on that thoroughfare. The city is in had shape in the matter of grades. The early residents never dreamed of the town becoming a city, and permitted grades to be established in any way, that was considered. roads in the valley.

The Condor Company does not expect to build any electric railroads at once, it is believed, but it is asking two years in which to commence act-ual operations. The company has been making large investments and imcoming a city, and permitted grades to be established in any way that was considered convenient, and now it is hard to get them changed, because property-owners are opposed to the small expense that may be incurred. Broadway is only one of many streets that require changing, and the fight between the property-owners and the city fathers will be watched with interest. provements in this valley for several years and there is confidence in its in-tentions and faith in the ultimate ac-complishment of its plans.

The sheepmen of the Rogue River Valley have always been troubled more or less by the depredations of coyotes on the ranges and on the foothill

with interest.

It is now believed that the survey of a new line from Gray's Harbor to Puget Sound is being carried forward by local capitalists, of whom G. H. Emerson, of Hoquiam, is the head. It is stated that the reconstruction will make the line a feeder for on the ranges and on the foothill farms. In recent years, since the bounty on coyote scalps was abolished, damages have been steadily increasing. One of the principal sacepmen of the valley, J. S. Herrin, whose ranch is a few miles north of Ashland, is seeking to solve the problem and ex-Hoquiam, is the head. It is stated that the promoters will make the line a feeder for all new roads that desire to get into the Gray's Harbor country, and that they eventually plan to sell out to the highest bidder.

By building the road, they will get another road to the harbor, and thus work out the problem that has worried the lumbermen and others doing business here for a long time, inasmuch as the Northern Pacific Company appears not to be able to handle the freight. There is a freight congestion at the present time. terminate the coyotes with a pack of rolfheunds. He has already bought four dogs

from a breeder in Missouri and will soon have a pack that he hopes will spread consternation in the ranks of the coyote family.

TO BE LINKED TOGETHER.

Makes Definite Announcement.

War Against Coyotes.

electric railway development in other sections of the country, have predicted electric railways through this val-

ley, bringing Grant's Pass, Ashland

cheap communication with each other.

matter in a general way several weeks

ago. Now comes the Condor Water &

Power Company, which is developing

the electric power of Rogue River,

with the preliminary announcement of

its ultimate intention to operate such

this valley. It intends to apply for

This company is now operating

a system of interurban

at an early date.

In these columns was discussed the

ple may know how to govern their action for future years.

Mr. Jones also took up with the Post-office Department the question of estab-lishing the rural route from Park, What-room County, and has been notified that the route has been assigned for establish-ment May 15, 1966.

AT THE HOTELS.

The Portland—Miss Florence Linaman, Chicago; Miss Grace Holt, Arcola, Ill.; J. F. Tocum, Seattle, L. E. Hirsch, W. G. Ebbs, G. A. Waim, New York: M. R. Augustine, Seattle: C. W. Peck, Chicago; W. E. Brothers, New York; C. P. Herrmann, Hoston: L. Pelton, Chicago; S. B. Smith, Boston: E. H. Btoothoff, G. J. Lambler, P. A. M. Wright, New York; W. Gibson, Los Angeles, W. O'Brien, New York; T. Gray and wife, Wesley, Ia.; Lucy Collins, Elizabeth Collins, Los Angeles, E. Kellerman, San Francisco; J. C. Kilhaim and wife; Miss H. Correll, San Francisco; L. A. Eppenstein, Chicago; D. K. McFherson and wife, Spokane; Miss S. Anderson, Newark, N. J.; Miss C. Gedney, Minneapolis, Minn.; L. Hough, P. K. Patchell, San Francisco; C. Tallefront and wife, Minneapolis: J. Vander Beugts, New York; W. Kerans, Detrolt: C. H. Brand and wife, Chicago; H. A. Gallagher, San Francisco; Mrs. Eyre, Miss Eyre, London; I. Goldberg, New York; V. J. Hugh, Chicago; C. L. Stebbins and wife, Tacoma; A. D. Lesser, H. L. Traub, New York; H. E. Fuller, San Francisco; F. J. Trumper, Riparia, Waha; E. C. Macdonald, Spokane; G. H. Durrie, St. Louis; Ruby Friend, F. G. Deaginger, Seattle: F. A. Hayward, New York: Miss Mc-Swan, Tennessee; C. Clarke, Philadelphia; Louis; Ruby Friend, F. G. Deaginger, Seattle: F. A. Hayward, New York: Miss Mc-Swan, Tennessee; C. Clarke, Philadelphia; P. W. Trumper and wife, Cleveland, O.; W. R. Kivett, Boise; C. Kirchen, Sumpter; A. J. Stone and wife, New York: Miss Mc-Swan, Tennessee; C. Clarke, Philadelphia; P. W. Trumper and wife, Cleveland, O.; W. R. Kivett, Boise; C. Kirchen, Sumpter; A. J. Stone and wife, New York: Miss Mc-Swan, Tennessee; C. Clarke, Philadelphia; M. Stone and wife, New York: Miss Mc-Swan, Tennessee; C. Clarke, Philadelphia; M. Stone and wife, New York: Miss Mc-Swan, Tennessee; C. Clarke, Philadelphia; M. Stone and wife, New York: Miss Mc-Swan, Tennessee; C. Clarke, Philadelphia; M. Stone and wife, New York: Miss Mc-Swan, Tennessee; C. Clarke, Philadelphia; M. Stone and wife, New York: Miss Mc-Swan, T

San Francisco; W. M. Higgins, Chicago; A. G. Van Nostrard, L. W. Smith, Beston; M. Voetsch, Michigan; Mrs. C. R. Ray and daughters.

The Oregon—H. H. Taylor, Seattle; D. M. Freer, Idaho; R. Norton, The Dalles; F. C. Fox, Astoria; J. E. Arnold, N. W. Gaskill, San Francisco; A. M. Bamsey, Minneapollis; John P. Fink, Tacoma; A. J. Taylor, Flavel, Or.; V. O. Hanna, Chicago; J. I. Flynn, Seattle; E. Duggan, Tacoma; J. A. Veness and wife, Marie Veness, Winlock; Robert McKibben, Hood River; A. A. Litchell and wife, J. H. Cox, San Francisco; D. Fichman, New York; Miss L. Thomas, Salem; D. A. Wentworth and wife, Berkeley, Call; L. J. Beauchamp, Hamilton, O.; Miss N. Mc-Ewan, Tennesses; Custer Clarke, Pennsylvania; J. A. Wagner, Seattle; C. S. Hampton, Chicago; H. R. Morrison, Seattle; James Faust, Cincinnai; A. E. Mead and wife, Olympia; Miss Bess Vincent, Clay Center, Kan.; A. E. McCullough, San Francisco; Mrs. E. J. Bradford, Chicago; W. W. Wilson and wife, Spokane; John Lawier, Frescott, Ariz; Stuart Webster, A. H. Wickert, San Francisco; W. F. Zwick, B. H. Husbanda, Seattle; W. F. Zwick, B. H. Husbanda, Seattle; S. J. Beck, Lexington, Wash.; E. Wilson and wife, Gresham; E. G. Preston, Seattle; N. G. Mulligan, Spokane; C. Payne, City; C. K. Henry and wife, Hillsbor, Or.; Anton Vogt, Joseph Grimes, Edward Hovan, Patrick O'Brien, W. Tinkler, San Francisco; L. E. Hirsch, New York; U. G. Berry, Peoria, dill.; Donald Preston, Eugene, D. J. Hill, Castle Rock; George Cassels, South Bend; R. J. Ellictt and wife, Aberdeen; G. O. Tood, Hoquiam; E. J. Currigan and wife, Tacoma; William Newman, Olympia; John J. Rooney, Cincinnait; P. E. Snodgrass and wife, Eugene; W. J. McPee, San Francisco; P. M. Smith, Cailfornia; F. M. Haley, T. C. Hanshan, Peter J. Burke, San Francisco; C. W. Haines, W. W. Haines, Everett, Wash; W. S. Byers, Pendieton, Or.; Jay Duno, Burlington, Ill.; J. W. Blaney, W. C. Cushman, Scattle; R. A. Sesbird, Colorado Springa; P. L. Bliven, Edward Bilyeu, Corvallis, Or.; Myrtle Butler, North Yakims; Blanch R. Smit

james M Kyle, city; Basil Brown, Valley, Wash; E. H. Plagg, St. Helens; W. L. Thompson, Albany, C. D. Latourelle, city, William H. Hampton, Juneau, Alaska; G. Riley and wife, San Francisco; F. B. McClintick and wife, Chicago; E. G. Bowen, and wife, Jamesville, O.; Charles P. Heasel, Arcata, Cai.; P. Henningren, Mosier; W. L. Whitmore, city; D. B. Shiller, Tacoma; Captain Charles Jordan and wife, Cathlamet, Wash.; E. C. Culley and wife, Pueblo, Colo; William Dietz, Seattle, H. A. Friend, St. Paul; W. P. Strauborg, Seattle, The St. Charles—J. P. Wyant, J. W. Sloan; S. F. Hyde, Cascade; W. Y. Richardson, St. Paul; R. P. Sorenson, Hoquiam; W. H. Kemp and wife, Florence; W. M. Monroe, Eugene; J. W. Monroe, Rugene; J. W. Monroe, Rugene; J. W. Monroe, Rugene; B. H. Hunt and wife, H. W. McDonald, Clifton; J. Hutchings; E. McEvoy, Chicago; G. Sutherland, city; W. D. Cruse, Seattle; F. E. Carpenter; S. Bowden, Grant's Pass; E. E. Glese, Seattle; O. L. Condon, Salem; G. G. Randall, Oregon City; J. W. DeBois and wife, Troutdale; H. H. Phillips, Corvallis; C. H. Ehrling and wife, Goble; W. Sullivan; G. B. Smith, Oswego; J. W. Monroe, Corvallis; H. Burns; C. C. Ott. Troutdale; H. H. Benton, G. Benton, Cheboygan, Mich.; J. S. Kanemotx and wife, city; D. M. Jones, Rainler; F. C. Roswell, C. H. Hartsell, W. B. Mitchell, Kelso; G. H. Nelson, L. F. Worden, city; E. E. Glese, Seattle; O. S. Austin, Kelso; W. C. Engels, Skamokawa; Captain H. W. Gray, Astoria; W. W. Benjamin, Butte, Mont; R. P. Sorenson, Hoquiam; W. H. Kemp and wife; N. Rydell, Elkton; G. W. Taylor, Eugene; F. W. Schmidt, Cleveland, O.; W. L. Hollenbeck, Middleburg, N. Y. Miss Lyons, City; J. Simpson and family, Cottrell; W. H. Parker, Salem; G. J. Wilson; F. Nugent, St. Bernardine; E. B. Wikstrom, Oak Point.

## DR. W. NORTON DAVIS & CO. Established 1889



We treat successfully all private nerv ous and chronic diseases of men, also blood, stomach, heart, liver, kidney and throat trouble. We cure SYPHILIS (without mercury) to stay cured forever. We remove STRICTURE without opera-

WE GURE GUNURRIUEA IN A WEEK
The doctors of this institute are all regular graduates, have had many years' experience, have been known in Portland
for is years, have a reputation to maintain, and will undertake no case unless
certain cure can be effected.

All Medicines Prec Entil Cured.

We guarantee a cure in every case we
undertake or charge no fee. Consultation
free. Letters confidential. Instructive
HOOK FOR MEN mailed free in plain
wrapper.

wrapper.

If you cannot call at office, write for question blank. Home treatment successful. All medicines free until cured.
Office house, 3 to 5 and 7 to 8. Sundays and holidays, 18 to 12.

OREGONIAN NEWS BURBAU, Washington, April 15.—While the Departments of the Interior and Agriculture are arranging their little matter of diffgrence and getting the red tape nicely bound around it, the sheep of a number of people in Kilckitat County will have to go hingry or seek other pasture grounds. Up to the present year sheep have been grazed on a section of the Mount Rainler Forest Reserve which has now been held to be a part of the Yakima Indian Reservation, and there is the root of the whole trouble.

Congressman Jones has been interesting himself in the matter at the request of the people owning the excluded sheep, and has secured from the Indian Office a favorable recommendation for the granting of permits for these sheep to graze on this new fart of the Indian reservation, but the Interior Department has suspended action on this recommendation pending the adjustment of the question as to whether that department or the Department of Agriculture (through the Bureau of Forestry) has jurisdiction over the matter is still unadjusted and the

SHAFTHOUSE OF THE NORTH AMERICAN MINE, BURKEMONT DISTRICT, EASTERN OREGON, SHOWING LIME DYRE