

DESCHUTES IS UNIQUE STREAM

GEOLOGICAL SURVEY TELLS OF RIVER

Comprehensive Report Issued Discussing the Irrigation and Power Possibilities of its Drainage Basin—Total Flow May be Used.

Under the heading "A Remarkable Stream," the Press Bulletin of the United States Geological Survey prints the following summary of the recent report on the Deschutes river, mentioned in The Bulletin on November 25:

"Deschutes river, Oregon, a tributary of the Columbia, is one of the unique streams of the United States. Its natural flow is remarkably constant, rising in times of so-called floods only a few inches, owing to the fact that the river flows for a considerable portion of its course through a region of lava and loose volcanic material which act as a huge sponge. The headwaters of the river afford reservoir sites so large and so well distributed that the total flow of the river may be utilized both for irrigation and for power. The irrigable lands in the valley, aggregating 400,000 to 500,000 acres, are so situated on a plateau in the upper part of the basin that the total flow of the upper river and its principal tributaries may be utilized for irrigation. Below the irrigable area the river flows in a deep canyon having a fair slope and affording excellent opportunities for power development. A reliable water supply is assured by the return waters from the irrigated areas above, a large portion of the water seeping back into the channel, and by the lower tributaries of the river. The future use of this exceptional combination of abundant water supply, large area of irrigable land, and great water powers will transform the Deschutes valley into a region whose agricultural importance will be enhanced by many hydro-electric plants that will furnish power for local use or for transmission to distant power markets.

"Deschutes river and its tributaries have been under investigation for several years by the engineers of the United States Geological Survey in co-operation with the State Engineer of Oregon, and the Federal Survey has just issued a comprehensive report discussing the irrigation and power possibilities of its drainage basin. The investigations of power resources indicate that after allowance is made for requirements of irrigation, a total of 600,000 horsepower may be developed. The report discusses these resources in considerable detail, the discussion being based largely on records of stream measurements made from 1905 to 1912. To obtain these data gaging stations have been maintained in the Deschutes river basin by the United States Geological Survey and co-operating parties at 35 points on the river itself and its various tributaries, canals, etc. A copy of the report, which is published as Water-Supply Paper 344, may be obtained free of charge on application to the Director, United States Geological Survey, Washington, D. C.

Try an oyster cocktail at the Cazy Restaurant. 36-40c

APPLE COOK BOOK.
The O.-W. R. & N. Co. has recently published an apple cook book containing 150 recipes for apple dishes. Thousands of copies of the book are being given away in a campaign for larger consumption of apples. Copies may be had by addressing William McMurray, general passenger agent of the company in Portland.

SIGNS FOR SALE.
"For Rent," "For Sale," "Rooms to Let," "Housekeeping Rooms," "No Admittance," "No Smoking," etc., etc. Placards printed in large type on heavy Bristol board, 15 cents each, less in quantities. Bulletin Office, 121f

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No sure and call at the Pilot Butte Hotel Friday and Saturday, December 11 and 12, and let Drs. Lowe and Turner, the well known eye specialists of Portland, show you the Kryptok double vision glass, which has no unsightly lines or seams to catch dirt, strain the eyes or come apart. —no light solid piece of glass which looks like a single pair, yet answers the purpose of two, enabling you to read or do close work and see distant objects perfectly. Be sure and see them. Free demonstration, satisfaction guaranteed. Drs. Lowe and Turner have been located in Portland for 20 years. They do not go from house to house. They have no agents. They will be at the Pilot Butte every 90 days in the future.—Adv. 40

MARKET REPORT.
NORTH PORTLAND, Dec. 4.—Receipts for the week have been, cattle 1009, calves 10, hogs 2356, sheep 1824. Cattle market continues steady to slow with only moderate receipts for the last few days. Quality of stuff offered continues good in the main with trading at fairly good prices. Steers are quoted at \$7.25 for tops, best cows and heifers at \$6. In line with the markets all over the country swine prices have declined considerably this week, opening at \$7.50 and closing at \$7. This is on

a par with Eastern markets. Receipts of sheep continue very light with a strong demand, all offerings were quickly snapped up at \$7 for lambs and \$5 for ewes. The market is extremely snappy.

NOTICE OF APPLICATION FOR SALOON LICENSE.

To the Honorable Mayor and Common Council of the City of Bend: Gentlemen:
The undersigned, Maurice P. Cashman, manager of the Bend Hotel bar, having subscribed and sworn to the affidavit hereto attached, respectfully tenders herewith the receipt of the City Treasurer for Six Hundred Dollars, first one-half (1/2) license for the year 1915, and applies for a license from the City of Bend to sell wine, spirituous and malt liquors and fermented cider as retail liquor dealers in the building situated on lot 12 of block 10 of Bend, Oregon, for the period of one year from the 1st day of January, 1915.

Respectfully submitted,
MAURICE P. CASHMAN
Dated at Bend, Oregon, this 2nd day of December, 1914.

State of Oregon, County of Crook, ss. I, Maurice P. Cashman, manager Bend Hotel bar, being first duly sworn, depose and say:

That I am the applicant in the foregoing application for retail liquor license; that I am an American citizen; that I have never been convicted of allowing females or minors to loiter in or about a place where intoxicating liquors were sold; that I have never sold intoxicating liquors to a minor.

MAURICE P. CASHMAN
Subscribed and sworn to before me this 2nd day of December, 1914, at Bend, Oregon.
H. E. ALLEN,
Notary Public for Oregon.

Why They Recommend Foley's Honey and Tar.

P. A. Enfrid, Conejo, Calif.—because "it produces the best results, always cures severe colds, sore chest and lungs and does not contain opiates or harmful drugs." Dr. W. Taylor, Lutherville, Ga.—because "I believe it to be an honest medicine and it satisfies my patrons." W. L. Cook Nelhart, Mont.—because "it gives the best results for coughs and colds of anything I sell." Every user is a friend. Patterson Drug Co.—Adv.

IMPORTANT EVENTS

1914-15 AT OREGON AGRICULTURAL COLLEGE

WINTER SHORT COURSE—JAN. 4-30
Agriculture, including Agronomy, Animal Husbandry, Dairying, Horticulture, Poultry Husbandry, Insects, Plant and Animal Diseases, Creamery Management, Marketing, etc. **Home Economics**, including Cooking, Home Nursing, Sanitation, Sewing, Dressmaking and Millinery. **Commerce**, including Business Management, Rural Economics, Business Law, Office Training, Farm Accounting, etc. **Engineering**, including Shopwork and Roadbuilding.

FARMERS WEEK—FEBRUARY 1-6
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—and, Son, Just One More Word

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I'm fifty-five years young and all my life I've drunk beer—temperately. That fact is largely responsible for my present rugged constitution.

I want you to pattern after me. Walk into a beer saloon whenever you feel the need of a mild stimulant and get your glass of beer. It's the drink of real temperance. Those people you meet up with in life who tell you total abstinence is Temperance are deceiving themselves. They're the kind that close the decent tax-paying saloons and foster the speak-easy and blind pig.

Steer clear of those dives, my boy, and you'll never cultivate an appetite for strong drinks. You've got a perfect right to drink beer moderately, but do it aboveboard, son—in the beer saloon, where decent men are ashamed to drink to excess. I won't fear the caliber of the companions you meet there.

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