

BIG STERLING MINE

Big Placer Mine Near Jacksonville Gets Ready For Winter's Run. ---Manner of Extracting the Gold From Rich Gravel Beds.

ONE OF THE GREATEST PRODUCERS

The Sterling mine is in readiness for piping and work will begin following the first big rain, so reports Will F. Jennings, foreman, and who has held that position for the past 14 years at that mine says the Rogue River Courier. Three No. 4 giants are used and the water is brought by a large ditch, 27 miles in length, from the upper course of Little Applegate to the mine, which is located on Sterling creek, nine miles south of Jacksonville. Only two giants will be operated at the main workings this winter, one giant having been moved down the creek one-fourth of a mile and set up at the mouth of Grubb gulch, on an old channel, which was passed when the main creek channel was worked. This gulch prospects well and is thought to be rich. The bank in the main workings is from 40 to 60 feet high and in width from 200 to 600 feet. The Sterling mine is in a section of the channel of an ancient river that flowed across this country at a period previous to the beginning of the streams now constituting the Rogue River basin, in a southeasterly and northwesterly direction, gravel bars of which can be traced on various places on the hills from Sterling to west of Jacksonville. This channel is a cement gravel much of it so hard that it has to be loosened up with powder before the water will readily cut it away. In the work of blasting, holes are drilled in the bank down near the bedrock eight to 12 feet deep. One stick of giant powder is then inserted and fired to spring the hole, after which from 40 to 80 sticks are placed in the cavity and fired by an electric battery. The report from these heavy discharges is so muffled by the earth that it is heard scarcely half a mile, though the earth about is shaken as by an earthquake, but a report that is deafening is made, and can be heard 10 to 12 miles when the monster boulders which are found in the bank on are blown to pieces for removal. In this work the sticks of giant powder are merely laid upon the boulders and covered with earth, enough powder being used to shatter the rock to small pieces and being in the open air, it makes a crashing report like a 10-inch cannon. From three to six tons of powder are used each season, and for 11 years John Parks has hauled the powder out from Jacksonville without a mishap, and no accident has ever occurred at the mine, other than the loss of a shack, in which the powder was stored and warmed. It caught fire and was in a fair way to burn, when a primer exploded and set off the powder and the house was blown into fragments and strewn for a quarter of a mile around, but no person was hurt. A regular powder house was then built and with a furnace. The room in cold weather is kept warm, for when giant powder is cold, it will not explode. A Chinaman is usually employed by the Sterling company to have charge of the powder house, for the work is both too dangerous and unhealthy for the average American to care to undertake. The action of the chemicals in the powder produces headaches and stomach disorders with those handling it and some men cannot handle it for any length of time, while there are persons who can withstand its effects for a year or two. One Chinaman at the Sterling, held the job for three years, but usually one sea-

son is all that a Chinaman will handle the powder.

The Sterling mine is one of the largest and richest in Southern Oregon and has been a steady producer of gold since 1854 when it was discovered by James Sterling for whom the mine was named, and Aaron Davis, and it bids fair to yield gold in big quantities for the next 50 years. The mine is owned by Hon. H. E. Ankney of Eugene and Vin Cook, of Portland and is operated under the management of Frank Ankney son of Mr. Ankney, and from 12 to 15 men are employed.

Lights Made at Gold Ray.

On Wednesday evening the business houses and residents of Medford were lighted by electricity generated at the Ray dam, about twelve miles north of here says the Medford Mail. The transformers arrived Tuesday and were quickly put into use and the current turned on. The lights are a little brighter than the old ones owing to the fact that the wires are carrying 120 volts, whereas, under the old system, 108 was as high as they ever ran. The dynamo transformer will not be here for several days yet.

County Road Work.

Jack True, the county road builder, and his crew of workers, with the grader and other implements, is still at work surfacing up the highways south of Ashland putting them in shape for winter, says the Tidings. Work has been in progress in other parts of the country, too, and it is all being carried out on intelligent principles that promise to mark a new era in the road work in Jackson county. County Judge Dunn and the members of the county court are winning praise for their splendid efforts in improving the county highways. A continuation of their policy for a few years and Jackson county will be pointing with pride to her county roads.

Weather Report For November.

Following is the report of U S Volunteer Weather Observer E. Britt, for Jacksonville, for month of November Latitude 42 deg 18 min west; longitude 123 deg 5 min north.

DATE	MAXIMUM	MINIMUM	PRECIPITATION	CHARACTER OF DAY
1	59	40	.10	part cloudy
2	64	39		cloudy
3	64	35		clear
4	55	43	.10	cloudy
5	48	32		cloudy
6	52	36		part cloudy
7	60	40		part cloudy
8	63	37		clear
9	66	36		clear
10	64	37		clear
11	67	38		part cloudy
12	70	49		cloudy
13	62	44		part cloudy
14	61	44	.07	cloudy
15	55	41	.90	cloudy
16	60	36		cloudy
17	53	42	.28	cloudy
18	50	40	.25	part cloudy
19	44	32		part cloudy
20	59	38		part cloudy
21	55	39		part cloudy
22	57	40		part cloudy
23	50	39		part cloudy
24	64	35	.08	part cloudy
25	60	44		cloudy
26	66	42		cloudy
27	60	45	.40	cloudy
28	52	39	.03	cloudy
29	48	34		cloudy
30	54	41	.23	cloudy
31				cloudy

Temperature—mean max. 58.06; mean min. 39.26; mean 48.66. Max. 70 on 12th; min. 32, on 5th; greatest daily range 30.

Precipitation—Total for month, 2.54 inches. Greatest in 24 hours, .90 inches on 15th.

HEART FLUTTERING.

Undigested food and gas in the stomach, located just below the heart, presses against it and causes heart palpitation. When your heart troubles you in that way take Herbine for a few days. You will soon be all right. 50c at City Drug Store.

Sweet cider for mince meat at Learned's.

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TO BURN

ALL OF THE POPULAR BRANDS, ALSO TOBACCOS AND EVERYTHING DESIRED BY FASTIDIOUS USERS OF THE WEED.

COMPLETE LINE OF FRESH CANDIES, CANNED GOODS ETC. WE ALSO HANDLE BAKERY BREAD

CALL ON THE NEW FIRM, LESTER & SHULZ.

TIMBER LAND, ACT JUNE 3, 1878—NOTICE FOR PUBLICATION.

United States Land Office, Roseburg, Oregon, Oct. 6, 1904. Notice is hereby given that in compliance with the provisions of the act of Congress of June 3, 1878, entitled "An Act for the sale of Timber Lands in the States of California, Oregon, Nevada and Washington Territory," as extended to all the Public Land States by act of August 4, 1892,

WILLIAM A. AITKEN, of Ashland, county of Jackson, State of Oregon, has this day filed in this office his sworn statement No. 6477, for the purchase of the north-east quarter of Section No. 19, Township 40 South of Range 3 West, and will offer proof to show that the land sought is more valuable for its timber or stone than for agricultural purposes, and to establish his claim to said land before the Register and Receiver of this office at Roseburg, Oregon, on Monday, the 9th day of January, 1905.

He names as witnesses: Frank E. Kincart of Oakland Oregon; Harry W. Miller of Myrtle Creek Oregon; Max W. Luckenbach of Medford Oregon and John H. Aitken of Ashland Oregon. Any and all persons claiming adversely the above described lands are requested to file their claims in this office on or before said 9th day of January, 1905.

J. T. BRIDGES, Register.

A fine selection of glassware at Nunan-Taylor Company's to be sold with baking power at no additional charge.

A CERTAIN CURE FOR CROUP.

When a child shows symptoms of croup there is no time to experiment with new remedies, no matter how highly they may be recommended. There is one preparation that can always be depended upon. It has been in use for many years and has never been known to fail, viz: Chamberlain's Cough Remedy. Mr. M. F. Compton of Market, Texas, says of it, "I have used Chamberlain's Cough Remedy in severe cases of croup with my children, and can truthfully say it always gives prompt relief." For sale by City Drug Store.

SILAS J. DAY

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Filings and final proof made on homesteads and timber claims. Corrected plats showing all vacant lands.

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Legal papers of all kinds made out. Special attention given to papers in settlement of estates.

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Fine list of country and town property for sale and rent.

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Warrants bought and sold. Collections made. Taxes paid. Rents collected. Prompt reply to all letters. Charges reasonable.

REFERENCES:

Hon. H. K. Hanna, judge of 1st judicial district, and any Jacksonville business man.

Fine job work at the Sentinel Office.

NOTICE FOR PUBLICATION.

Land Office at Roseburg, Oregon, Nov 10, 1904.

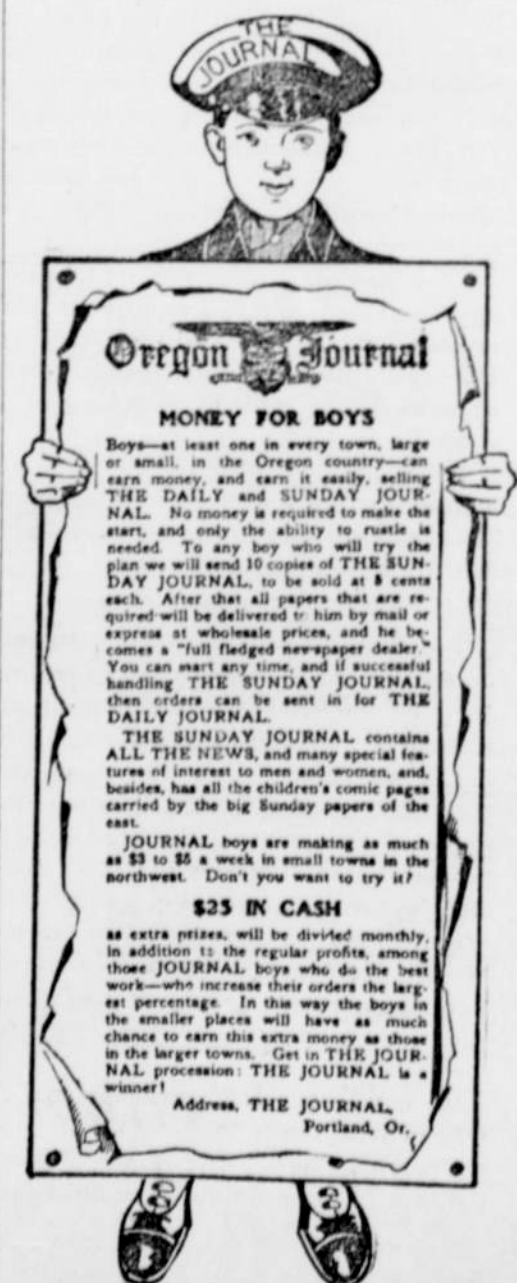
Notice is hereby given that the following named settler has filed notice of his intention to make final proof in support of his claim, and that said proof will be made before John S. Orth, County Clerk, at his office at Jacksonville, Ore., on Feb. 21, 1905, viz: H. E. No. 9065, Charles Hofer, for the lot 3 of Sec. 18, T. 39 S. R. 4 W.

He names the following witnesses to prove his continuous residence upon and cultivation of said land, viz: James Rock, Sr., James Rock Jr., Dick Rock and John Beckner all of Applegate, Oregon.

J. T. BRIDGES, Register.

Hotel for Sale.

In a Rogue River town. Title perfect and the opportunity for a profitable business. Building well located, in good repair and fully furnished. Six lots and a rich garden tract where all vegetables needed for the hotel can be raised and an abundance of fruit. Timber land tract of 12 acre 2 1/2 miles distant goes with property. All sold at a bargain and immediate possession given. Good reason for selling. M. Calhoun, Phoenix, Oregon.



THE OREGON JOURNAL

MONEY FOR BOYS

Boys—at least one in every town, large or small, in the Oregon country—can earn money, and earn it easily, selling THE DAILY and SUNDAY JOURNAL. No money is required to make the start, and only the ability to rustle is needed. To any boy who will try the plan we will send 10 copies of THE SUNDAY JOURNAL, to be sold at 8 cents each. After that all papers that are required will be delivered to him by mail or express at wholesale prices, and he becomes a "full fledged newspaper dealer." You can start any time, and if successful handling THE SUNDAY JOURNAL, then orders can be sent in for THE DAILY JOURNAL.

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