

GAVES, NATURAL AND ARTIFICIAL

Some of the natural caverns of the world are enormous, for instance the Mammoth cave of Kentucky, the largest known subterranean chamber in the world. This cave extends over an area of eight to ten miles in diameter and has many chambers connected by avenues and which form a huge underground mine, with tunnels aggregating 150 miles.

The Louray cave, of Virginia, is said to cover an area of over 50 miles. Nature in these enormous underground cavities worked wonders, but man, in his delving for mineral, has accomplished far greater wonders, the mining regions of the world attesting this fact. The English coal mines have been worked for centuries and the earth is penetrated by tunnels for hundreds of miles. The salt mines of Austria have a vast aggregate of worked out tunnels, and the gold mines of the Rand, South Africa, have already eaten their way through vast areas of underground workings.

The copper mines of Michigan, in their search for ore, have eaten through the earth this way and that and in their aggregate of tunnels form one of the world's greatest and most interesting engineering feats of man. In the development and operation of iron mines of Michigan and Minnesota the earth is honey-combed with tunnels and some of the mines would, in their tunnel mileage, be far larger than many of the world's greatest caves. But all these instances of underground workings are comparatively insignificant when compared to the operations in the coal mines of Pennsylvania. In this state for upwards of a hundred years coal has been mined, both anthracite and bituminous. Statistics show that there has been extracted from beneath Pennsylvania's surface, 1,000,000,000 tons of bituminous coal and 1,500,000,000 tons of anthracite coal.

This by no means expresses the amount of material mined, for every mine has its immense culm banks. What a sight then to behold the underground cavities of this state. In the anthracite regions the workings underground, if placed end to end, would extend away for a distance of from New York to Denver, and if the bituminous workings be added, San Francisco would be reached. These vast subterranean caves, the work of man in his hunt for minerals, is truly significant of his immense energy, and though seemingly of vast proportion now, what will be the result attained with a hundred or a thousand years more of work.—Mining World.

Executor's Notice.

Notice is hereby given that the undersigned has been duly appointed by the County Judge of Baker County, Oregon, executor of the last will and testament of Michael Lynch, deceased.

All persons having claims against said estate are hereby notified to present the same to me, properly verified, as by law required, within six months from the date hereof, at the office of Charles H. Chance, attorney-at-law, First National Bank building, Sumpter, Oregon.

Dated at Sumpter, Baker County,

Oregon, this 25th day of January, 1905.

J. B. FRYER,
Executor of the Estate of Michael Lynch, Deceased.

ESTRAY NOTICE.

Taken up, at the ranch of Henry Panning, near Whitney, last spring, two 2-year-old colts, one grey branded "C" on left shoulder, and one bay branded S. Owner may regain property by paying expense of their keeping since the date of their taking up.

HENRY PANNING,
Whitney Ore.

December 30, 1904.

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

United States Land Office,
La Grande, Oregon, February 6, 1905.
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,

ELVA MILLS,
of Sumpter, County of Baker, State of Oregon, has this day filed in this office her sworn statement No. 1270, for the purchase of the NW 1/4 of Section No. 33 in Township No. 9, South, Range No. 38 E. W. M., 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 her claim to said land before Chas. H. Chance, U. S. Commissioner, at his office at Sumpter, Oregon, on Wednesday, the 3rd day of May 1905.

She names as witnesses: Walter J. Mills, Cato J. Johns, Byron Weatherford and Margaret Johns, all of Sumpter, Oregon.
Any and all persons claiming adversely the above described lands are requested to file their claims in this office on or before said 3rd day of May, 1905.
E. W. DAVIS, Register.

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MARGARET JOHNS,
of Sumpter, county of Baker, state of Oregon, has this day filed in this office her sworn statement No. 1276, for the purchase of the SE 1/4 of Section No. 32, in township No. 9 south, range No. 38, E. W. M., 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 her claim to said land before Chas. H. Chance, U. S. Commissioner, at his office in Sumpter, Oregon, on Wednesday, the 3rd day of May 1905.

She names as witnesses: Cato J. Johns, Walter J. Mills, Elva Mills, Byron Weatherford, all of Sumpter, Oregon.
Any and all persons claiming adversely the above described lands are requested to file their claims in this office on or before said 3rd day of May, 1905.
E. W. DAVIS, Register.

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CATO J. JOHNS,
of Sumpter, county of Baker, state of Oregon, has this day filed in this office his sworn statement No. 1277, for the purchase of the NE 1/4 of Section No. 32, in Township No. 9 South, range No. 38 E. W. M., 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 Charles H. Chance, U. S. Commissioner, at his office at Sumpter, Oregon, on Wednesday, the 3rd day of May, 1905.

He names as witnesses: Walter J. Mills, Margaret Johns, Byron Weatherford, Elva Mills, all of Sumpter, Oregon.
Any and all persons claiming adversely the above described lands are requested to file their claims in this office on or before said 3rd day of May, 1905.
E. W. DAVIS, Register.

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WALTER J. MILLS,
of Sumpter, county of Baker, state of Oregon, has this day filed in this office his sworn statement No. 1278, for the purchase of the NW 1/4 of Section No. 32, in township No. 9 south, range No. 38, E. W. M., 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 Charles H. Chance, U. S. Commissioner at his office in Sumpter, Oregon, on Wednesday, the 3rd day of May, 1905.

He names as witnesses: Cato J. Johns, Margaret Johns, Elva Mills, Byron Weatherford, all of Sumpter, Oregon.
Any and all persons claiming adversely the above described lands are requested to file their claims in this office on or before said 3rd day of May, 1905.
E. W. DAVIS, Register.

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