

WOOD RIVER TIMES.

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WOOD RIVER TIMES

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SMELTING FURNACES FOR WOOD RIVER.

Appliances that will insure success in treating our ores.

The Pacific Iron Works, Rankin, Brayton & Co., of San Francisco, have recently shipped a 40-ton smelting plant to the Philadelphia Co. at Ketchum. This with the smelter and sampling works constructed by this firm, for the same company, last fall makes a complete plant of the capacity of 80 tons per day. The same firm have, also, just completed an 80 ton plant for the Little Wood River company, to be erected at once on the Muldoon mine. Both of these enterprises are owned and operated by the Philadelphia companies under the general management of Col. Green, a gentleman of large experience in mining operations in California. No expense has been spared to make these works the most perfect and complete in all their appointments of any that have ever been constructed. The amount of bullion they will turn out when fairly in operation will convince the most skeptical as to the resources of the Wood River country. The Pacific Iron Works' smelters, for both galena and copper ores, have worked a revolution in the smelting business of the country, and it made a success of many an enterprise that would have otherwise been a failure.

The advantages demonstrated in these furnaces are facility and cheapness of transportation and construction, economy of fuel, fineness of bullion produced, and capacity for continuous and uninterrupted work. Any ore that can be smelted, it is claimed, can be worked cheaper in these furnaces than by any other process. The mining interests of the country are largely indebted to the enterprise of this firm for working up to such a state of perfection this important branch of mining machinery. A large number of companies in Arizona, New Mexico and Nevada are operating these furnaces with most satisfactory results. And we feel assured that nothing will insure the success of our various smelting enterprises so much as the general adoption of these approved appliances for treating ores.

A TRAGEDY RECALLED.

Unexpected Conviction of the Lawyer Who Shot Ex-Judge Thurmond in a Court Room.
DALLAS, TEXAS, May 7.—On March 14, 1882, Robert E. Cowart, a leading lawyer of this city, killed ex-Judge J. M. Thurmond in the County Court room. Thurmond was a well-known politician in this part of the State, was bitter in his hatreds, and a natural-born agitator. Great enmity had existed between Cowart and Thurmond, growing out of Cowart's appearing as counsel for the city when Thurmond was voted out of the office of Mayor three years ago by the City Council. A bitter speech was delivered by Cowart in the canvass when Thurmond ran for Mayor to fill the vacancy caused by his removal, and in which Thurmond was defeated. This bitterness was increased in February last, when Thurmond entered the municipal canvass as a candidate for Alderman of the Second Ward. A small evening paper, since suspended, contained a number of articles extremely bitter against Cowart and others, and no doubt existed that Thurmond was the author. The culmination came in the tragedy of March 14, when Cowart killed Thurmond. He was shot while advancing on Cowart with a heavy cane in his left hand, and in the act of drawing a pistol from his hip pocket with his right hand, exclaiming, "Draw, damn you; I am ready for you." Public sentiment was almost unanimously with Cowart, as it was believed that it was a clear case of self-defense. He was arrested and afterwards released on habeas corpus, with a bond of \$800. The trial of Cowart on a charge of murder in the first degree came up on Monday last, and occupied all the week. Great interest has been manifested in the proceedings, the court-house being crowded all the time, night and day. It took over two days to get a jury, so many persons had formed an opinion. The testimony was very favorable to Cowart, and when the case was given to the jury on Friday night the general opinion was that he would be acquitted. Four brothers of Thurmond were present from various

SEX IN MINERAL VEINS.

A New Theory, the Soundness of Which Can Be Tested in this Section.

The following curious communication, signed by J. Van Cleave Phillips, appears in a late issue of the London Mining Journal:
In reading Fourier's Philosophy in a new book by Van Buren Denlow, called "Modern Thinkers," and having read Erasmus Darwin's "Love of the Plants" (Dublin, 1795; grandfather of the late Darwin), I find my idea of sex in mineral veins fortified. My study of the upper Mississippi lead fields was from 1844 to 1853, and of the Missouri lead fields from 1855 to 1880: 1. The lead fields are basins of limestone, these being from 100 yards to five miles wide, and the vein system duplicated in each basin. 2. All the discoveries of ores in the upper Mississippi and Missouri lead fields may be located geographically in the basin where they occur, and stratigraphically in the rock and family of veins to which they belong. The lead ores mined in these fields have yielded to date \$150,000,000 worth of lead, all of which has been taken from the small basins, or along the edges of the larger ones, and is from the edge of the vein system, and will not include 1-20th of 1 per cent. of the ores contained in the basins, as shown in my unpublished geological surveys of the upper and lower Mississippi lead fields. It will be seen from this that the existence of lead and zinc is now known which will supply the people of the center of the continent with these metals when it shall have a population of 300 to the square mile, as England has to-day.
My first attention to the physical outline of the crystallization of lead ore was in 1848, while superintending a lead furnace in Wisconsin. The teams were bringing in ores from twenty different lead discoveries, having north and south veins, east and west veins, and stratified veins from the rock and clay. The east and west veins had regular cubes, the north and south veins had the horizontal veins had the solid angles of the tubes cut off or truncated. The ores from the clay were amorphous, and this form of crystallization was duplicated in each lead basin. This went to establish the fact that the lead-producing and crystalline action had been directly connected with the vein system in all parts of the lead basin; that the same force which had been exerted to fill the vein system in one basin of limestone had duplicated that system in the adjacent basins, and the physical outline of the ore was an index of its geographical and stratigraphical position in the basin. Afterwards I was led to the conclusion that the north and south veins were the positive or male veins, and the east and west veins the negative or female veins. The north and south veins were few in number, the east and west veins many, and the north and south veins always pointed towards the basins of the east and west veins. This law is noticed in the animal and vegetable kingdoms, in the sheep and goat families, and in the cherry and apple trees, the males being in the minority. In applying this law to iron ores we suppose the magnetic ores are the positive or male ores, other varieties the negative or female ores. In the silver fields the Comstock, being a north and south vein, would be a positive or male vein, and the east and west veins of New Mexico and old Mexico the negative or female veins.
The great vein known as San Pietro, in the town of Hidalgo del Parral, is an east and west vein; also the largest and richest mine worked at the old Spanish mining town of Inde, in the State of Durango, Mexico, and known as the Del Agua (water mine), is an east and west vein. I am not sufficiently acquainted with the courses of the veins in the mountain States to apply this law of sex to the vein system of the numerous silver and gold-bearing fields, yet I have identified it in the vein system of the upper and lower lead fields of the basin of the Mississippi, and feel assured that it can be applied to all the families of veins which, as a rule, are aggregated around a central knob or Boofa, which forms the water-shed of individual families of veins, and which families as aggregated form the great stellar silver belt from Montana south through New and Old Mexico, and that by close observation the explorer and miner may profit by its application.

BERNHARDT'S BRIDAL.

Why She Finally Consented to Take a Husband.
[S. F. Paper.]
"Mamma, where is my fader?"
"Sarah dropped her chisel in amazement. The impudence of her daughter was new and astonishing. "Mind your own business," she said angrily. "How do you suppose I know?"
The child began to blubber. "I want a fader; gimme a fader."
"Keep your mouss shut 'tite bete," snapped her mamma. "E is in business in Parea an' gone to New York an' mekkin trip to Algeria. How you suppose I can tell?"
The child began to roar. She wanted a father to play with. All the other little girls had fathers, and she was going to have one if it took every lung in her body.
Sarah called the nurse.
Nanette gave her some bon bons; but bon bons were a drug in the youthful market. She was dissolving in tears and roaring like a toy pirate.
Nanette said: "Mon Dieu, Madame. I can do nossing wiz her. She will have a fader or she will die."
Sara knit her brows thoughtfully. "Lemme see," she said. "It is many days since I am not in ze papers. Ze hemorrhage bizness is played out. Besides, it is copy of Clara Morris, which is unworzy of my genius. Dry oop, petite," she said affectionately to the child. "I git you a fader."
"Quich one?" queried Nanette, wonderingly.
"Damala. He is a Greek. Mek more talk. Go tell 'im."
Damala came. He waved his hand with Grecian grace. "Whatta!" he said; "you ketcha de matterimonia?"
"Yes."
"Whatta for?"
"For instans," and Sara laughed merrily.
"Alla righta, my angela; I go fix."
And the marriage bells chimed merrily, and all the world said "Bernhardt again," and the Bernhardt child was happy.

An Editor in Heaven.

A story is told of an editor who died and went to Heaven, but was denied admittance, lest he might meet a delinquent subscriber and bad feelings be called up to the detriment of that peaceful abode. Having to go somewhere, he went to the region of darkness, but was positively refused admittance, as the place was full of delinquent subscribers. Warily the poor editor turned back to the celestial city, and was met by the watchman at the portals, who smiled and said: "I was mistaken; you can enter; there isn't a delinquent subscriber in Heaven!"

The First Freight of the Season.

Nails, all sizes, from 3-penny to 60-penny, enough to supply all of Wood River, just received at Cliff & McKay's, Main street, Hailey.

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A GOOD DISTINCTION.

An Arizonian Who Thinks that there are Cowboys and Cowboys.

TO THE EDITOR OF THE SUN—Sir: I notice in the morning Washington dispatches that the President, on the advice of the Cabinet, has determined to issue a proclamation calling upon the cowboys of Arizona to disband, and in the event of their refusal, to turn loose the army upon them. Being myself an Arizonian, and recently from there, and knowing the situation, and also to whom the epithet cowboy is applied, I was much amused at this threatened pronouncement. The term cowboy is a Texas name applied to men who are employed on cattle ranches. In Arizona, every man who wears big spurs, a broad hat, and the legs of his pantaloons stuffed into his boots is called a cowboy, and for the most part they are employed upon ranches

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