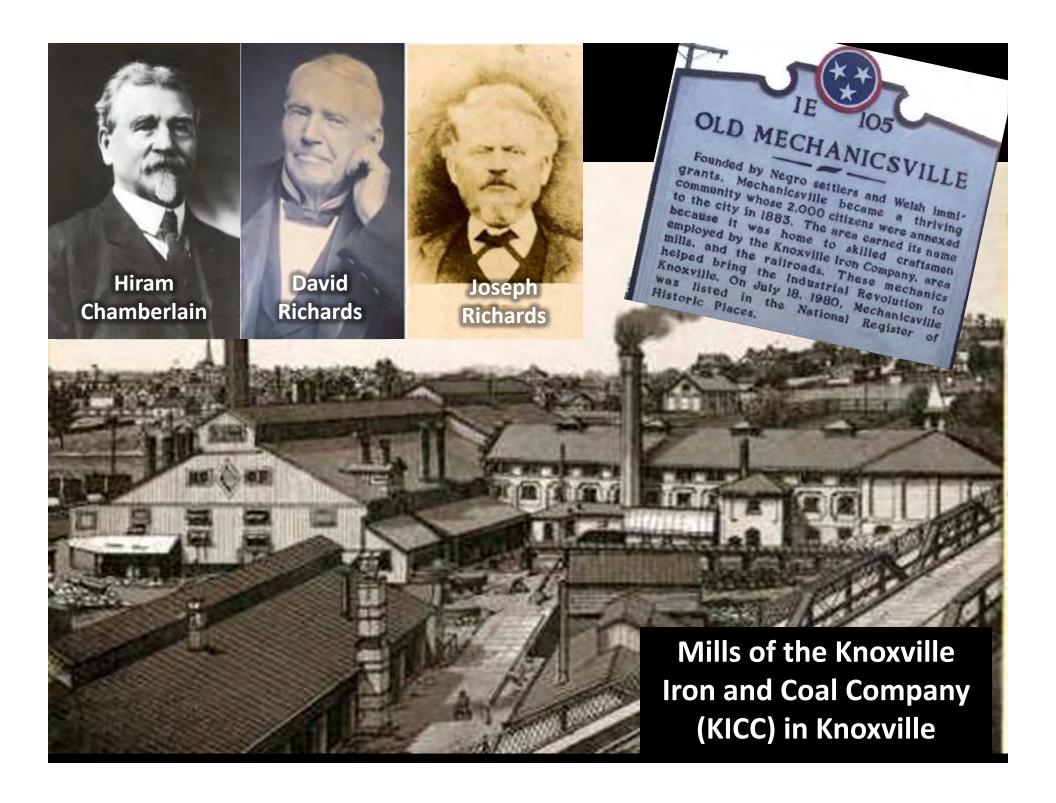
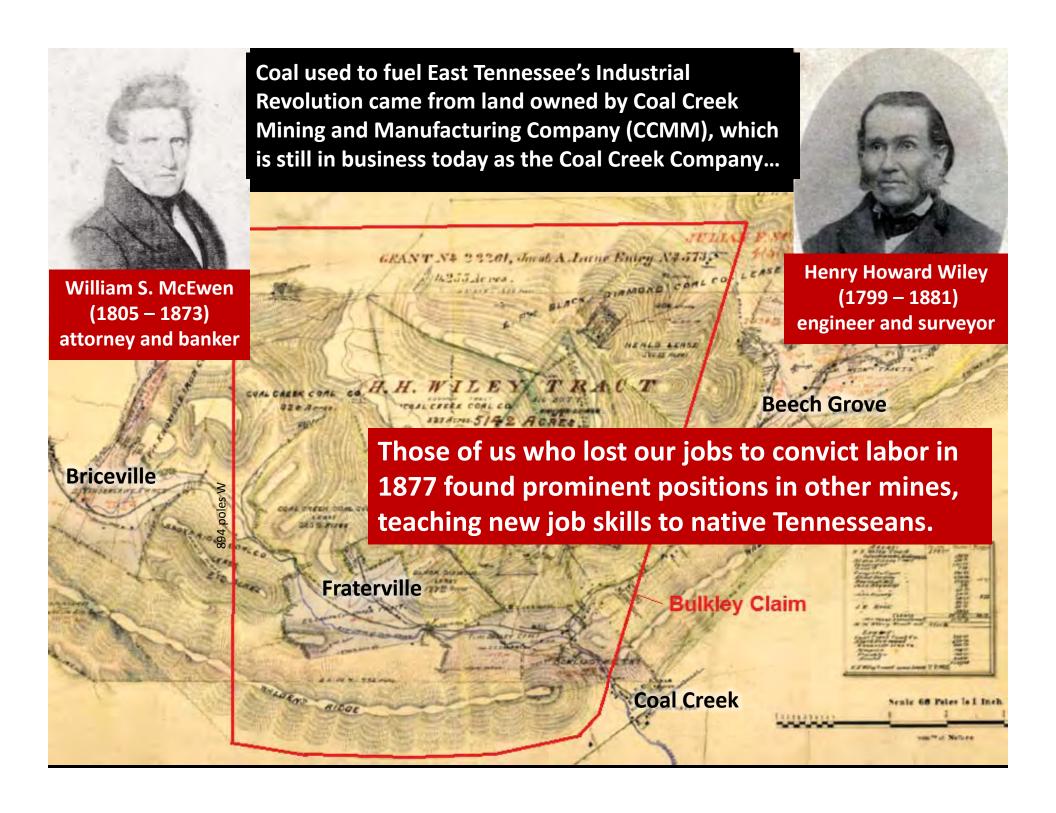


Founded the Welsh Colony of Brynyffynon (the hill with a spring) in Scott County, Tennessee, in 1856, which had its own post office and mill.

His writings educated people in Wales, and Welsh immigrants in America, about opportunities for a better life available in Tennessee.

Due to the hardships caused by the Civil War, most inhabitants had left the colony by 1867 when Roberts and his brother returned to Wales.







## Article from the Atlanta Constitution, June 15, 1882

"How high are these tunnels?" I asked Mr. Abraham Lloyd, Superintendent of the mine when he had cautioned us about keeping our heads low.

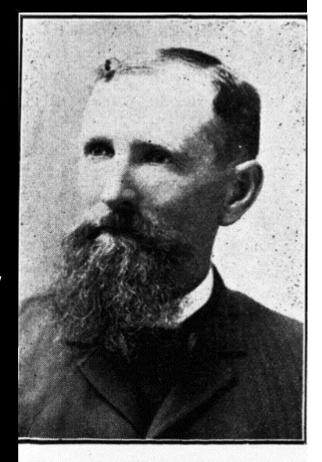
"They vary from three foot eight inches to four and a half feet."

"You don't mean to say these mules go through a hole only three feet eight inches high, do you?" "Yes I do. They have a way of stooping, and can run their level best without even touching a hair on their backs..."

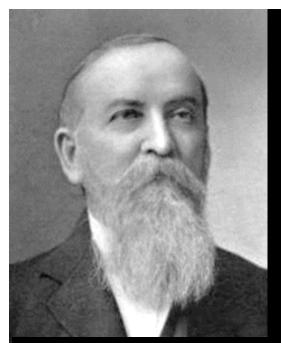
I took a pick from a miner named Roberts and tried to dig... A blast had just been made and the foul air from the powder was almost unbearable, but they don't seem to mind it much.

"So you like to dig coal, Mr. Roberts?"

"Like it, sir? Why, I could not be happy at anything else."



Mr. Abram Lloyd, Soddy, Tenn.

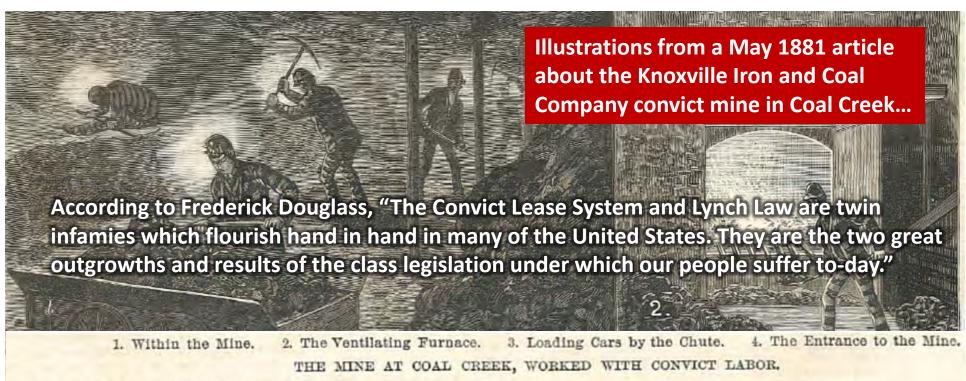


Major Eldad Cicero Camp came to Knoxville during the Civil War and stayed, recognizing the potential to develop the area's rich natural resources. He was a U.S. District Attorney and owner of Coal Creek Coal Company's Fraterville and Thistle Mines.

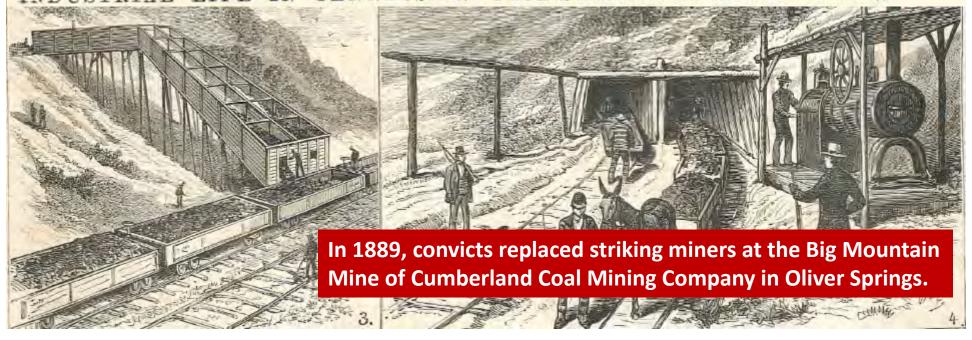
He became one of the richest men in Knoxville and an important philanthropist for such institutions as Lincoln Memorial University in Claiborne County.

Opportunity to serve as an apprentice...For the most part, Welsh miners found contentment in Tennessee, but not so for the convicts that replaced us at the KICC Mine.

Camp's home, Greystone Mansion, was built during the Gilded Age and now houses the studios of WATE-TV in Knoxville.

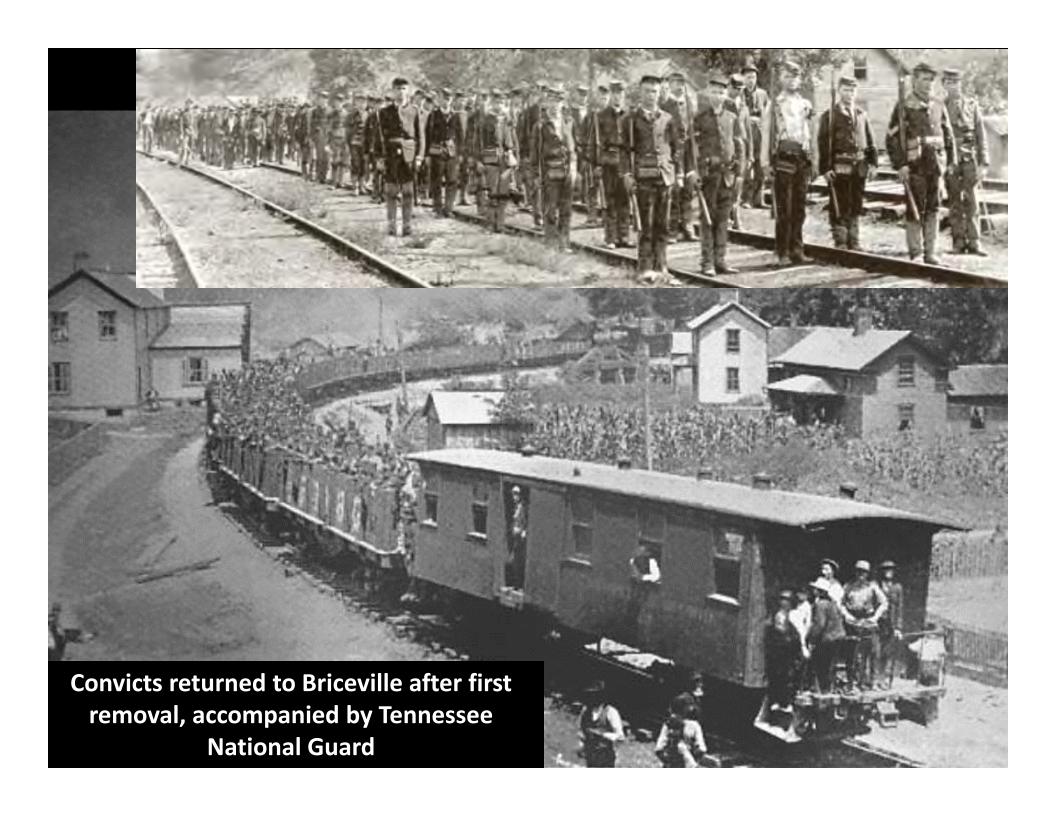


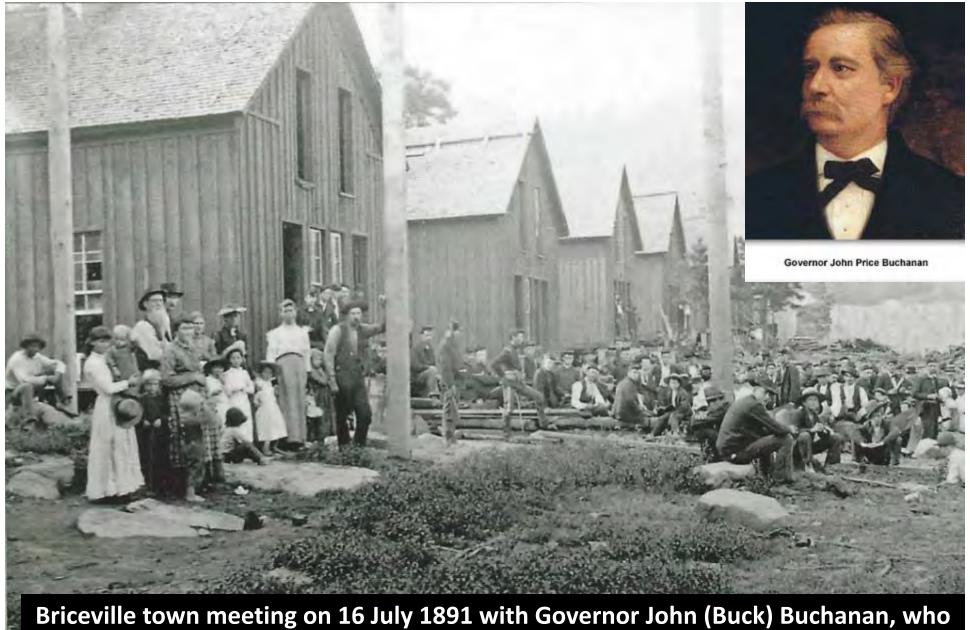
IN TENNESSEE .- FROM SKETCHES BY WALTER GOATER.



Meeting of miners and business leaders at Thistle Switch on 14 July 1891 to plot a course of action to end convict leasing after the Tennessee Coal Mining Company (TCMC) replaced striking miners with convicts at its Tennessee Mine in Briceville. (David R. Thomas in circle)







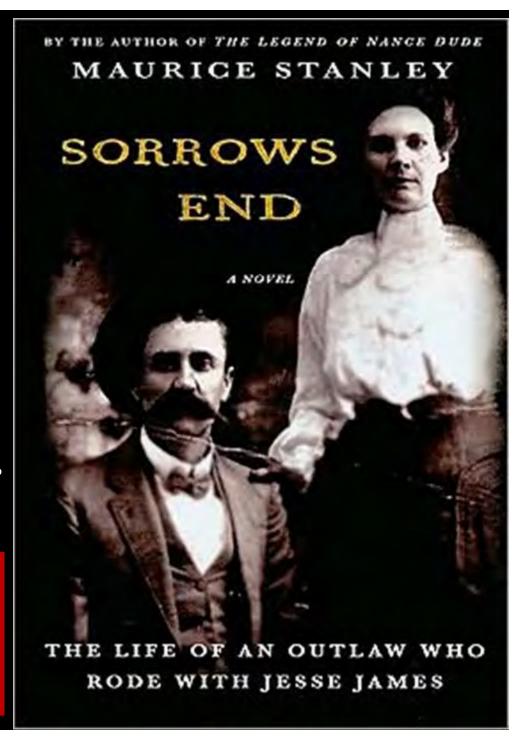
Briceville town meeting on 16 July 1891 with Governor John (Buck) Buchanan, who unsuccessfully explained the need for convict leasing—Note soldiers in crowd

Henry Baker, who rode with the James Gang, was later arrested in Tennessee and served time working in the KICC convict mine in Coal Creek.

He was one of the convicts marched by miners to the Southern Railway Depot in Coal Creek on 20 July 1891 and sent by train to Knoxville.

He escaped by jumping from the train...

Negative press coverage after the second removal of convicts prompted us to agree to the Governor's offer of a truce...



To be held at Chattanooga, Tennessee, October 30th, 1891.

## EISTEDDFOD WAS KING.

Chattanooga Received a Splendid Taste of the Welsh Feast

And the City at La The Welsh National in Tennessee in 18 the Delightful 1891 became know terday at th Dixie Eistedd

maLISH

Fully 1,000 Welsh Lads and Lasses Enjoy

the Competiti the Like of Been Heard t

Choral Prize

Plan developed for respoi deadlock in the Tennessee over the issue of convict

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## Chicago Tribune Nov. 3, 1891

## TENNESSEE IN A FUROR.

SERIOUS [CRISIS IN THE HISTORY OF THE STATE.

Another Mob of Miners Attacks the Oliver Springs Branch Prison, Releases the 155 Convicts Confined There, and Leaves the Buildings and Stockades a Mass of Blazing Ruins—Rewards Offered by the Governor for the Capture of the Convicts and the Mob Leaders.

Nashville, Tenn., Nov. 2.—[Special.]—The State of Tennessee is today confronted by the most serious situation of any in many years. East Tennessee miners, aided by miners from Kentucky, not only have released the 305 convicts at the Briceville and Coal Creek branch

prise

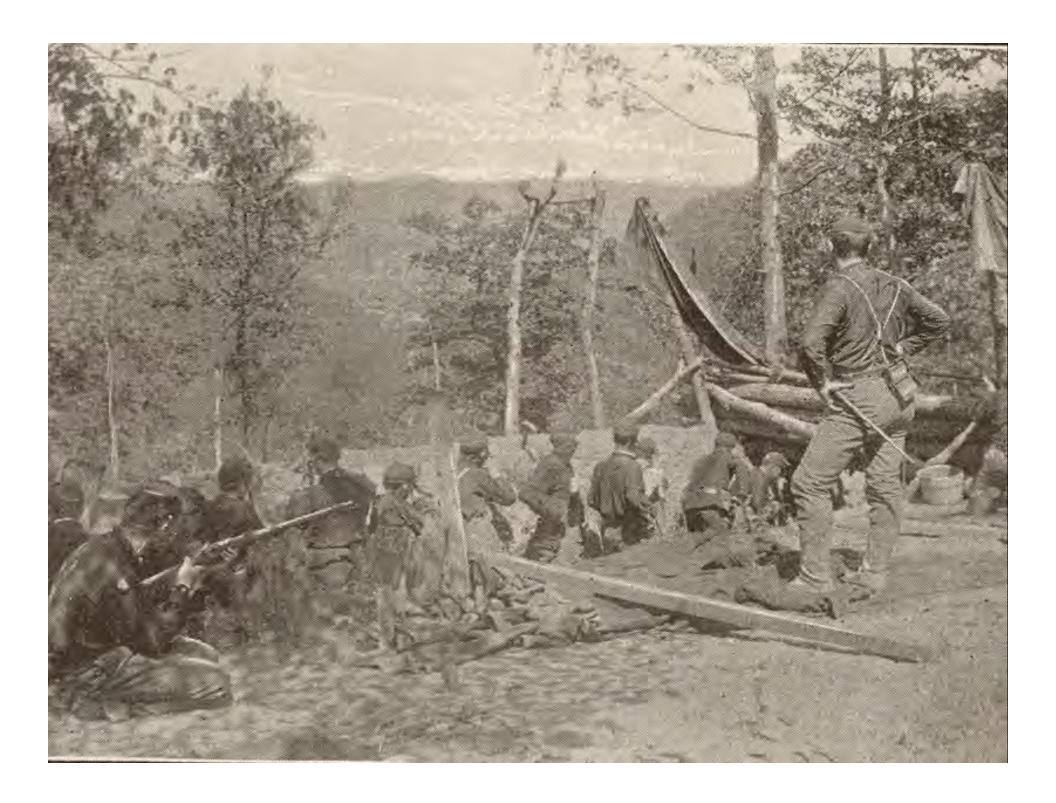
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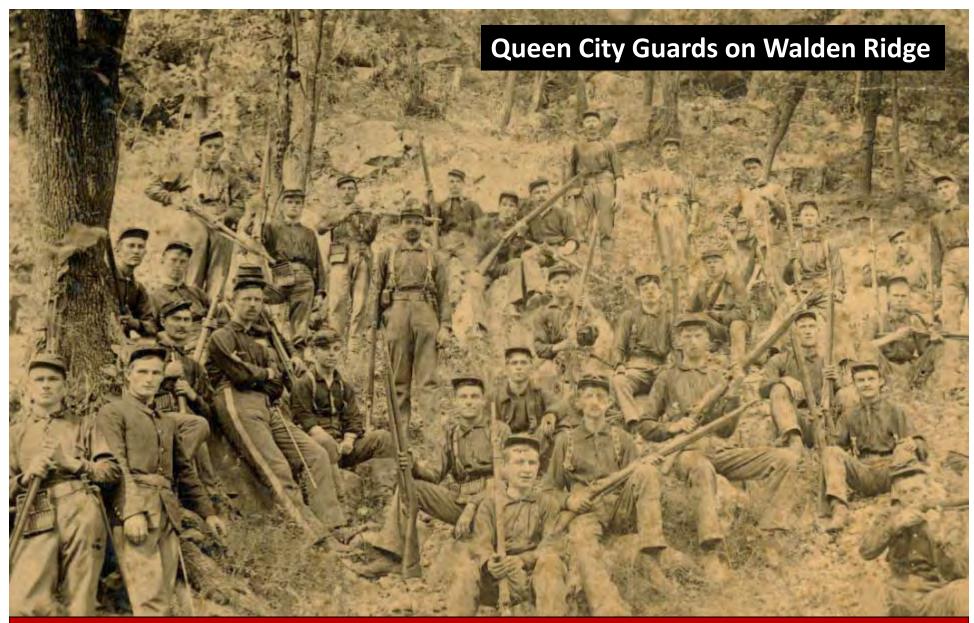
# The Chattanooga Times Nov. 6, 1891

During the meeting of the Welsh Eisteddfod in Chattanooga, a secret meeting was held by the miners present, and the convict question discussed. It now transpires that the action of the Briceville men was endorsed, and Tracy City Whitwell given to understand that they would receive all necessary assistance. It was decided that as soon as Tennessee was rid of convict miners, Alabama men would be assisted in reducing the stockade and prison at Pratt mines...

Convict leasing reminded us of the British practice of arresting young Welshmen for petty crimes and shipping them to the British prison colony in New South Wales, Australia...







In February 1892, TCMC removed convicts from its mine in Briceville and sold stock in the company to its former miners. Convicts remained at the KICC Mine, so the Tennessee National Guard stayed at Fort Anderson on Militia Hill, which infuriated Coal Creek miners. Why?



on the 20th Day of July, 1891,

## Grand Picnic at Briceville, Tenn.,

near the mines of the Co-operative Mining Company. This plans is to existent the day the Couriers and State Militie were driven out at Bricarille.

#### Oratora.

The Addresses of Welcome will be delivered by EUGEDE SERBULL, of Briceville, and W. Q. WEBP, of Pittsburg, Ky., Also Mr. S. A. JENKINS will positively deliver an address to the crowd.

#### Amusements.

There will be a Grand Belt given, and a platform will be erected 30x60 feet from the lumber remaining from the destroyed stockade.

will be rewarded I pocket knife by J. F Matthews Petree and I scart by W. B. Robbins.

SACK RACE, 100 yards, by men winner to recaive a meerschaum pipe by L. N. Brown.

THREE LEGGED RACE, 100 yds., \$1.00 in cash by John Simpson.

WHEELBARROW RACE, blindfolded 20 yds., by ladies premium pair of Mits by Mrs. C. Leinart. THE YOUNG LADY who gathers 25 potutoes

first will receive \$1,00 by Dr. C. L. Hill. THE YOUNG LADY, who runs 25 yds., with

an egg in a spoon will receive a handsome album by H. S. Pless also \$1.00 cash by Dr. Mudison. JUG BREAKING, by tadies blinded, premium 50 cents.

I searf by S. S. Burris.

TAILING THE MULK, by ladies, successful are expected.

FOOT RACE BY BOYS under 15 years old lady \$1.00 by W. B. Underwood 600 by Dr.

HAMMER THROWING, by men 1 box cigary by G. E. Irieb.

RACES RUN by men, weighing 300 pounds or more I pecket knife by B. M. Chapman.

RAUES BY LADIES weighing 209 pounds of more pair fine slippers by M. R. Biben.

THE HANDSOMEST young lady over 15 yes, pair silk mitts by Robt, Hart.

THE YOUNG LADY repeating the largest number of words in five minutes, Blik Hannkershief by W. H. Branscom.

SHOOTING MATCH, 27, yds., of band, and 40 yds., with a rest premium, \$2.50. Entrance fee

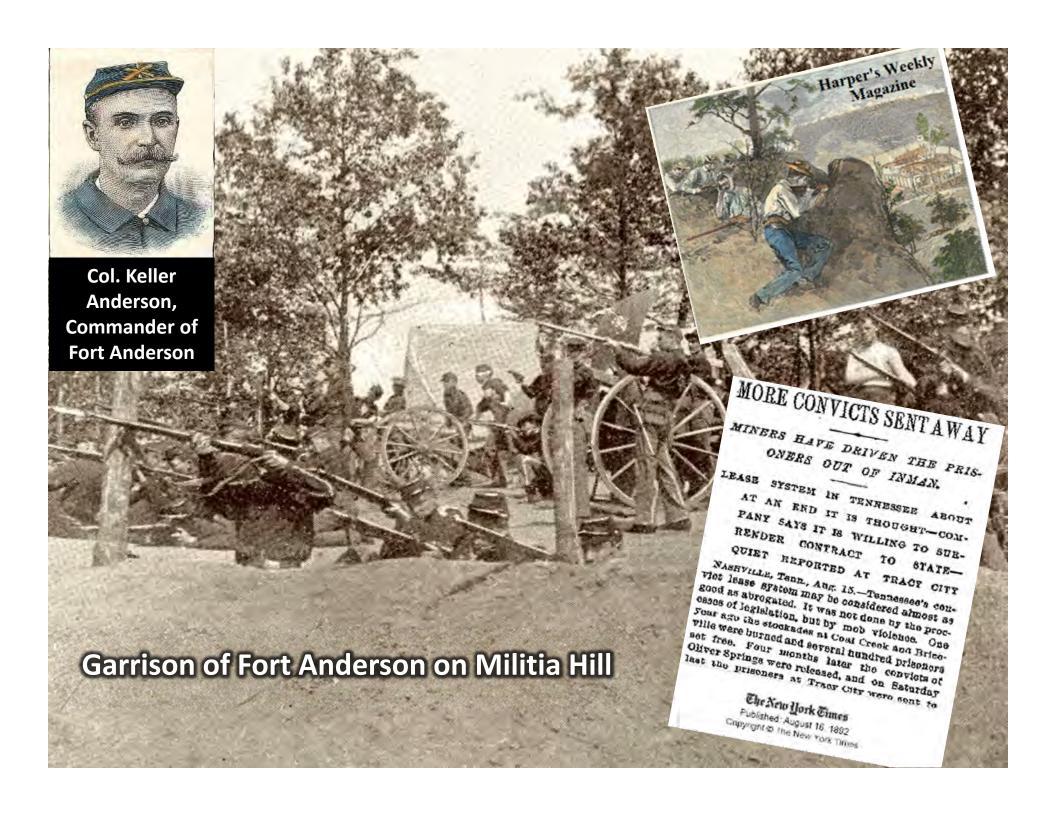
BASE BALL TEAMS have been invited and

Music will be Furnished for the Occasion by the Famous Rockwood String Band.

REFRESHMENTS of all kinds will be served by Local Assemblies Nos. 861 and 2957. The Railroads will give Excursion Rates from Jellico, Harriman Junction and Clinton.

Committee of Arrangements:

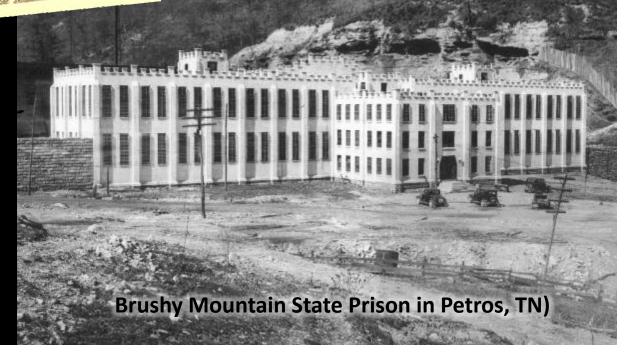
C. M. WOODWARD, President, SAMUEL TAYLOR, Secretary.

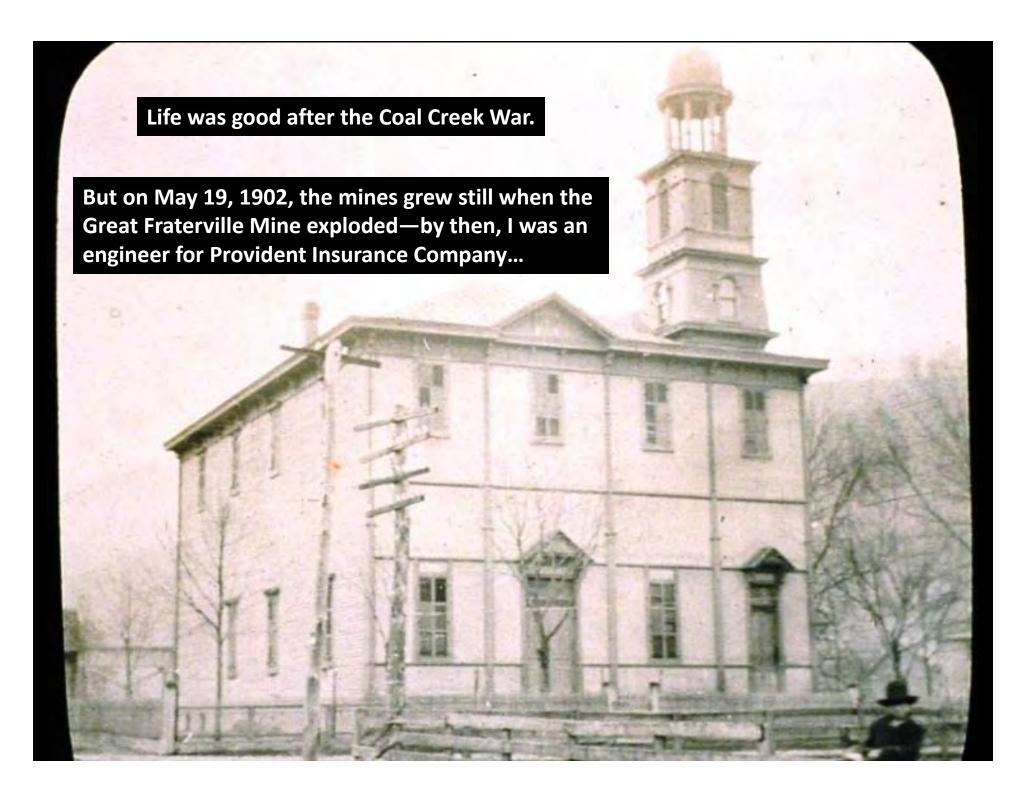


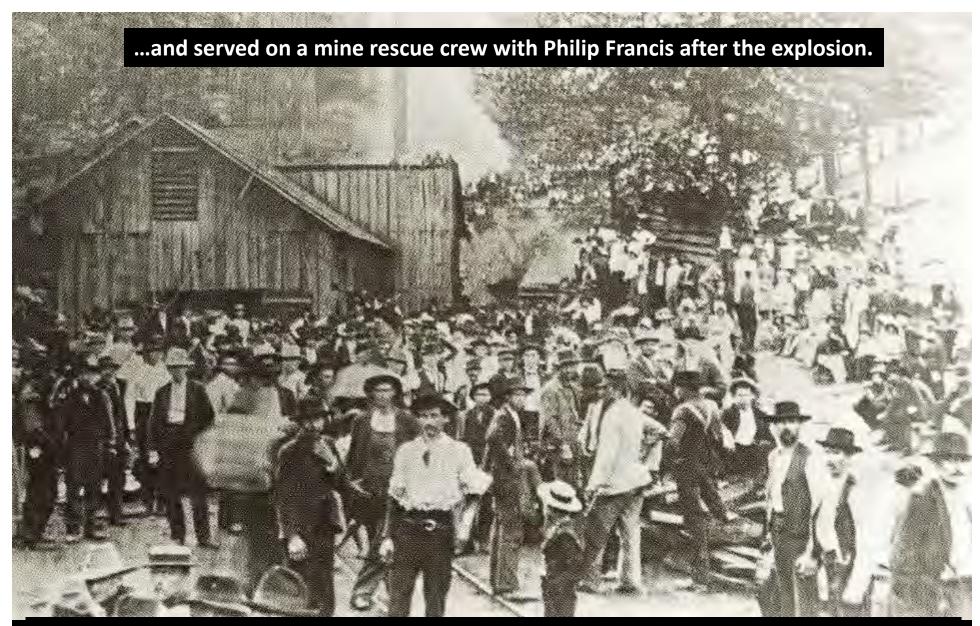


Coal Creek miners lost the final battle, but won the war when newly-elected Gov. Peter Turney convinced the legislature to appropriate money to build Brushy Mountain State Prison in Morgan County with a coal mine and coke ovens operated by convicts, thus eliminating the need for convict leasing by replacing that revenue stream...

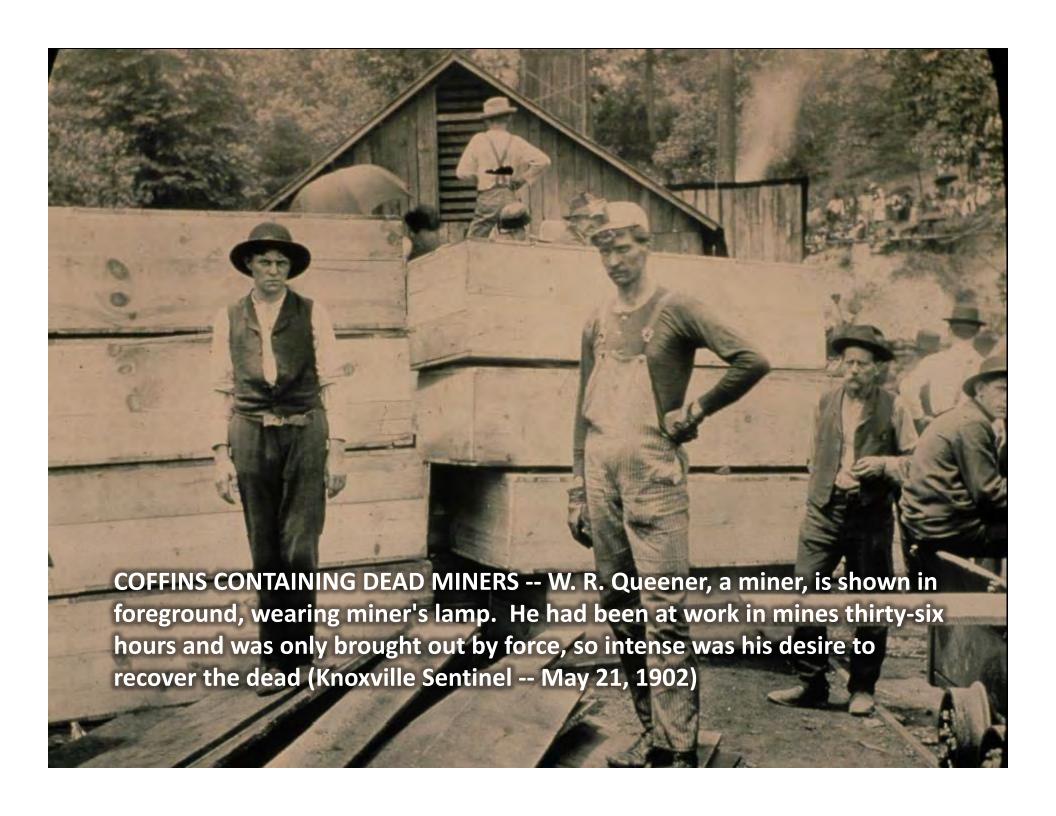
The Brushy Mountain
Mine continued to yield
substantial profits for the
state each year until it
closed in 1938, when coal
reserves were depleted.







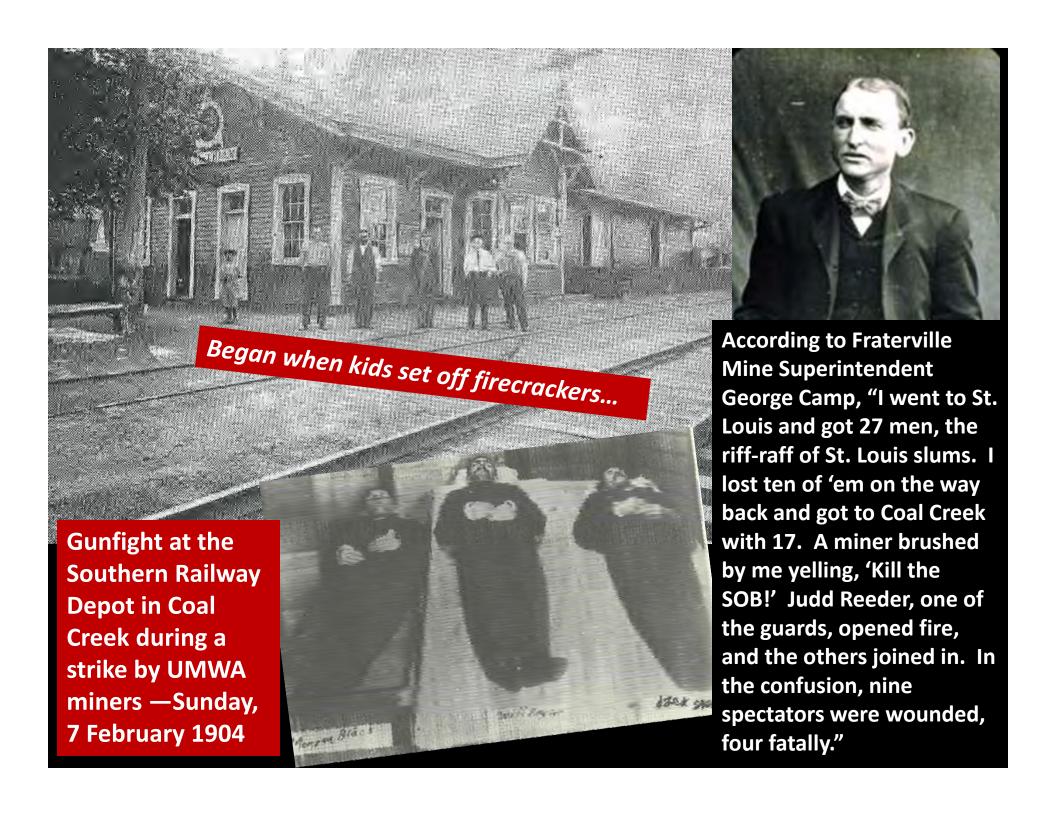
Friends and relatives gather to await word of the miners at the entrance to the Thistle Mine where many of the bodies were brought to the surface after the Great Fraterville Mine Explosion of 1902.

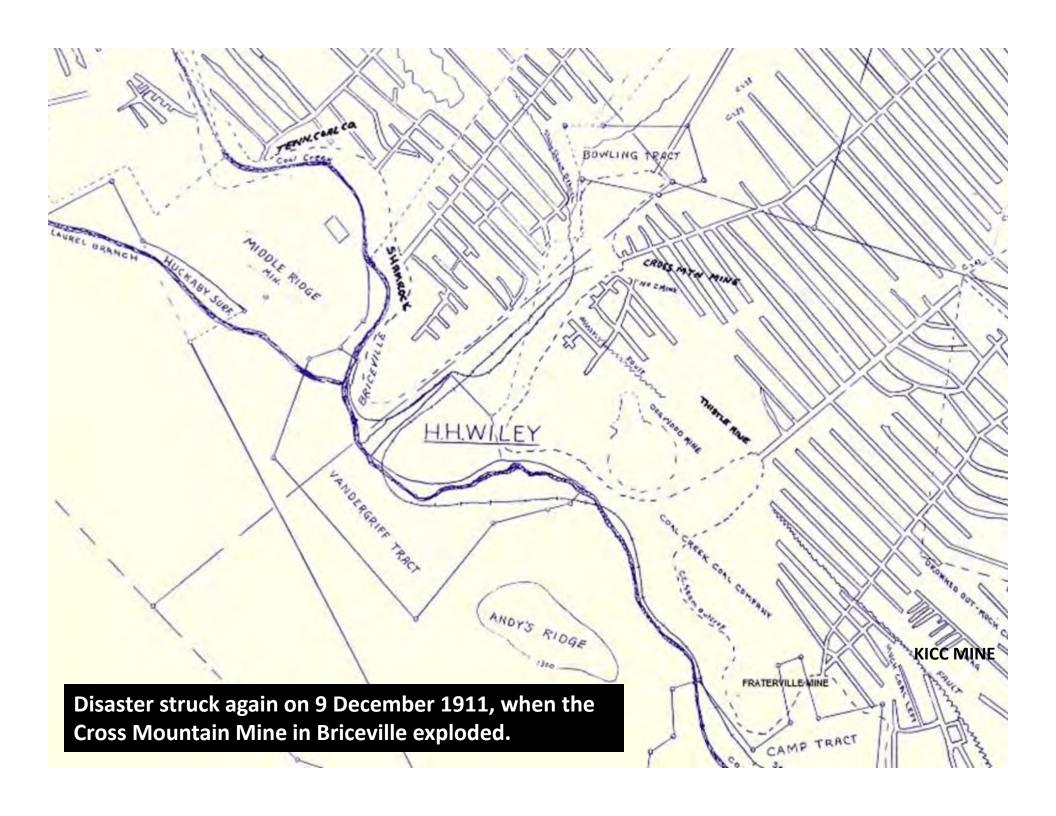






According to a granddaughter of Fraterville miner David Dezern, "The women in our family are known for their strength, a trait we inherited from Mother Dezern."







The fan at the adjacent Thistle Mine where George Camp was superintendent, normally operated as a force fan, but its direction was reversed in an attempt to induce ventilation after the Cross Mountain Mine exploded. The effort at Thistle was done to draw out afterdamp (i.e. poisonous gases that form after an explosion) from the Cross Mountain Mine. It worked, as evidenced by all the rats in the Thistle Mine being killed by afterdamp.

His great-

His greatgrandson became dean of Emory Medical School. Welsh miner and mine owner Philip Francis wrote about his role during the rescue efforts after the Fraterville and Cross Mountain Mines exploded in his book, "70 Years in the Coal Mines":

On arriving at the mine, women and children were weeping and all in great distress. Once again I must control myself and not let my sympathy weaken me... for I had a duty to perform to a fellow miner. So I went into the mine with forty men... I met a man with a small cage with a dead canary in it. I met another man with a gas mask on and carrying his oxygen with him.

Engineers and apparatus crews from the U.S. Bureau of Mines (USBM) led the rescue effort at the Cross Mountain Mine

Wives and children of Cross Mountain miners awaiting word from rescuers after the explosion

Nen ho 16/2 eft. 18.L. MEN IN 16.1

# coal Creek

Rescuers found that barricade walls had been built with slate and straw between 16 Left and 17 Left entries. They tore down the barricade wall and tested the air with one of their canaries. Headlines the next day read, "Five alive in Cross Mountain Mine."

Although 84 miners died, Cross Mountain was the first successful mine rescue, first use of canaries to test air quality, and first use of self-contained breathing equipment by engineers and apparatus crews from the U.S. Bureau of Mines. The next time you hear the phrase, "A canary in a coal mine," you'll know its origin.

Labor Saga

March

# POPULAR **MECHANICS**

1912

**Historical significance?** 

protected with hoses

leading into their

mouths, entered the

mine depths with

these canary birds and a squad of un-

masked volunteer res-

The birds

The Fallacy of the Dirigible

By VICTOR LOUGHEED

In This Issue

### CANARY BIRDS IN MINE-RESCUE WORK

That canary birds are destined to play an important part in mine-rescue work was proven for the first time to the United States government in its rescue work recently at the Cross

Mountain mine explosion at Briceville, Tenn., in which 89 miners were killed.

It was the first chance for the government rescue workers to test the value of canary birds in connection with their work, and for the first time the rescue cars each had from one to three dozen birds on board as part of their equipment. It was known that the canary bird is very susceptible to impure atmosphere and this led the government experts to experiment with them in air of unknown quality in the depths of mines.



Mine-Restue Worker, Equipped with New Owygen-Making Machine and Canery Birds, About to Enter b Mine after Explosion

were watched closely as the party moved further into the tunnels of the

As long as the birds remained cheerful and hopped about in their cages it was known that all was well with the surrounding atmosphere, but suddenly when the birds began to droop and

gasp for breath it was realized that the traces of the deadly "afterdamp" were present and the unmasked volunteer rescuers with no oxygen equipment had reached the place for them to stop, for no one but the men with the oxygen machines could penetrate into the death-dealing atmosphere

beyond.

The canary birds drew the line of safety. At no time were the rescuers exposed to the dangers of the afterdamp. It was the first time in mine-rescue work where rescuers were not brought forth overcome with gas and afterdamp.

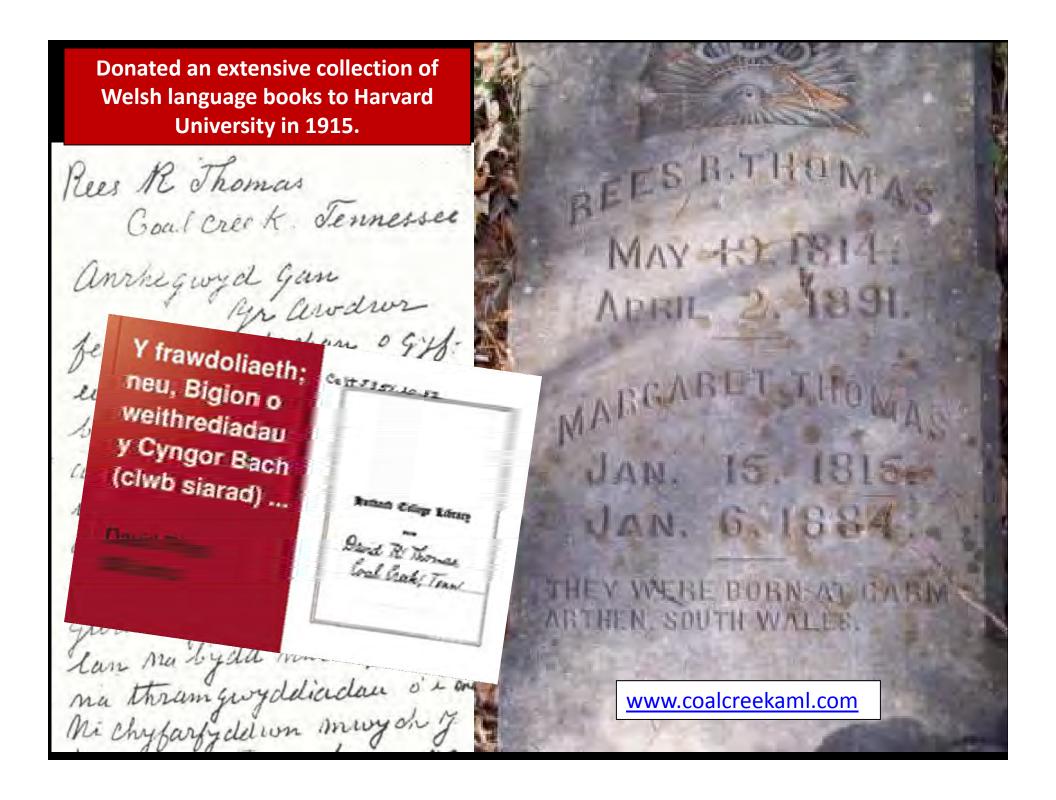
#### TREATMENT OF CANCER BY FULGURATION

The apparent increase in the number of cancer cases has led physicians to put forth the greatest efforts to find a cure for that dread disease. Many methods of treatment have been devised and much study has been given to determining the cause. No definite cause has been established, and the great number of methods of treatment emplayed shows that no absolutely successful one has yet been found.

Dr. De Keating-Hart, a noted cancer authority, of the Hospital Saint Luc, Paris, has origin-

ated a treatment which he believes is the most successful yet employed, and in New York recently he explained and demonstrated his electro-surgical method which he calls "fulguration."

The word means flashing, lightning-



Dr. Eirug Davies of Harvard University presented students at Briceville School with a flag of Wales in 2004



Students learned how the Welsh held the Dixie Eisteddfod cultural festival in Knoxville in 1890 and Chattanooga in 1891...

Eirug Davies









### TREATY OF PEACE [CYTUNDEB I(EDDWCH)] BETWEEN COAL CREEK MINERS AND THE TENNESSEE NATIONAL GUARD



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Missess effer organizing in 1774 to taccid threat from Shawred Indians, the Tennessee Mittle led by John Savier and Issae Shelby pined other colorial milliamen to attack Maj. Patrick Ferguson's Corps, which was protecting the left flank of Loro Comwallie' army during the American Revolution. That 1780 Battle of Kings Mountain was the following point against Britain's southern campaign coring our Nation's fight for freedom, and

Whereas, Mar. Sen. Andrew Jackson, commander of the Tennessee Militia, who avainfuelly became the seventh U.S. president. genned these words to Pvt. David Crocket: LL Sam Houston and 5,000 other milliamen as they mobilized for the War of 1812. WWI httle nonce, mass often soldiers left their jobs and families, raying the conversions for Tennessee's "volunteer" metallist and

Whereas, Jerkson's troops delicated a victoran British Army et the Battis of New Orl

Whereas, many Tennessee militamen, inch Alamo lu 1838 in Tenas' fight for Indep.

Whereas, Tennesseans served on pot the Confederate Army in the western the soldiers to the Union cause than all other

Whoreas, community leaders in East | er repulled from the CMI War, but lacked the teaching native Tennessaans those skills;

Whereas, Tornessee's 40 General Assen the Cost Creek War of 1891 to 1892 its fir finally subdued the Coal Creek miters, by Terriessee. Violence in the roal fields pas movers, arrested over 500 of them, and killed Termessee one of the first Southern states to

Whereas, Colonel Kellar Anderson and Co. regiments during the Spanish-American War of

Whereas, other veterans of the Coal Creek V 1911. Education was important to the Weish, s. suffocating in the mines raised public awarene Fittingly, one of the first successful mine rescues

Whereas, as part of the 30" Division in World hastening the end of the war, for which five Len division in the theater and

Whereas, during World War II the 117th Intantry F Parter Bivision, preventing the Cermans from eat Burge, once again defeating Hitler's 1<sup>st</sup> SS Parter making it one of the most decorated Army Infantry ro

Whereas, coal miners have continued to provide the

Whereas members of the Tennesses National Guert Buff, with nearly 20,000 Tennesseems having been de-

Now therefore, be it resolved that me Doel Creek in white fliering the industrial revolution. Furthermore, to the state with units trained and equipped to b the state with units trained and equipped to b the state with units ready to defend the United States and its interests around the world.

In recognition of the above, this treaty of peace is hereby signed on this 17th day of May, 2013, thus ending the Coal Crock War.

[Ar gydnabod yr uchod, liafnodir y cytundeb heddwch herr ar yr 17eg o Fei 2013, gen chod ei thertyn i Ryfol Nantglo.]

Signed on behalf of:

The State of Tennessee Sten

Maylor Davis Franks





**Reforestation Initiative** 









New life at old strip mine: Students plant trees as part of reclamation effort

Restoring the American chestnut to the Appalachian Mountains on mined land prepared by the Forestry Reclamation Approach...



wearing bright-green bandanas planted a forest worth of trees atop an old strip mine site Monday.

Carrying spades and orange digging dibbles, 110 children from four schools traded books for buse seedlings

BRIGHT SPOT

Project rooted in history

American obestsust

services planted to

services pla

Where there be mountains, there be chestnuts.
(Hernando De Soto, 1542)







WARNING: If you visit
Coal Creek historic sites,
leave by dark or face the
wrath of Dick
Drummond's ghost...



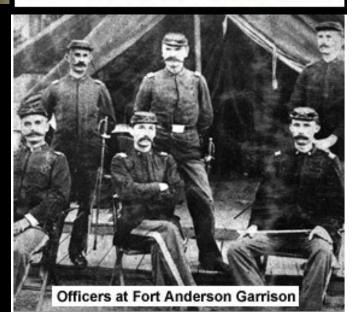
Dick Drummond served in the Navy before becoming a miner at the Shamrock Mine in 1892



Near the end of the Coal Creek War, Drummond got into a fight with a soldier at a dance. That soldier was murdered and his fellow soldiers arrested Drummond, who was later found lynched from what is now known as Drummond Bridge.



From the Office of Paranormal Studies, "We were getting weird emf readings all night at Drummond Bridge."



## Promoting STEM as a living STEM-historian



Did inhabitants of the lost Welsh colony of Brynyffynon or Welsh miners who lost their jobs in Coal Creek to convicts in 1877 migrate to your community? Are descendants of those Welsh miners still living there today?

## **COMMON WELSH SURNAMES:**

Adams, Bennett, Bevan, Bowen, Brice, Davies (Davis), Edwards, Ellis, Evans, Francis, Griffiths, Harris, Hopkins, Howells, Hughes, Humphreys, James, Jenkins, John, Jones, Lewis, Llewellyn, Lloyd, Martin, Matthews, Morgan, Morris, Owens, Parry, Pearse, Phillips, Powell, Price, Pritchard, Pugh, Rees, Rice, Richards, Roberts, Rogers, Rowlands, Thomas, Watkins, Williams

### Songs about Coal Creek history performed by Tony Thomas:

https://www.youtube.com/watch?v=-fKuEcO4BA8 Coal Creek War

https://www.youtube.com/watch?v=VOGogr6Ykp4 Fraterville Mine Explosion

https://www.youtube.com/watch?v=AMOSnU2VIT4 Cross Mountain Mine Explosion

Song about Fraterville Mine Explosion by Sarah Pirkle <a href="https://vimeo.com/35218399">https://vimeo.com/35218399</a>

Coal Creek Labor Saga
Coal Creek Watershed Foundation, Inc.
Knoxville, TN - www.coalcreekaml.com