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The Weekly Beacon---Supplement.

AKRON, OHIO, JULY 17, 1872.

THE BURNING MINE!

STORIES OF THE SURVIVORS

Testimony Taken at the Coroner's Inquest!

Interesting Statements Regarding the Origin of the Fire --Narrow Escape of Miners--The Construction of the Mine--Etc.

[Correspondence of The Beacon.]

RAVENNA, O., July 9, 172

Herewith I send you the testimony elicited at the Coroner's Inquest in the Atwater mine disaster. It will be found to be of absorbing interest. The verdict you have already published.

ANDREW STRONG'S STATEMENT.

Andrew Strong being duly sworn testifies as follows: My name is Andrew Strong; my age will be 21 years July 28, 1872; reside at Atwater, and by occupation generally am a farmer. I have done some work for the Atwater Coal Company. I commenced work this time three or four days previous to July 3, 1872, and was employed in the place of a man who went off. On the 3d of July, the date of this accident, I was at 1 o'clock of the slope in the mine, hitching cars and pushing back empty cars ready for the hoisteder. I went into the mine at 2 o'clock in the morning (July 3d, and remained till noon. I went again with the teamster, a stranger to me, a little before 10 o'clock. I staid in mule, until Richard Roberts, "Pit Boss," came down, and by his direction I went up in a car to get some props; I myself picked out the props; sent them down on a car, and followed after on foot down the main way. I staid down until the fire broke out.

THE FIRST THING I KNEW

Of the accident, I was standing about three yards back from the foot of the slope. I heard a snapping and cracking, and a very loud hurl and roaring of the air, and a very powerful draft up the slope, which would pretty near pull one in. I first saw the smoke and the light coming through the cracks of the brattice or partition near the furnace, between the main way and the car way. This was 10 or 15 feet up the slope from the furnace. I went up the slope a little way and saw the smoke and light through the cracks, and heard the snapping, and knew something was wrong. I ran back down the entry and gave an alarm by crying "fire!" three times; then I started for the outlet. When I got nearly out of the slope, I saw Jim Hommell at the mouth of the slope and heard him holler "If you miners don't get out of here, you'll smother." I got out and cried,

"BOYS, THE STOCK IS ON FIRE!"

The slope was black with smoke all the way up as I came, and I could see nothing. I was the first man out. I then went back a ways as far as I could stand burned cried fire again. I was also employed that day to attend the fire in the fire in the arch at the bottom of the slope. Richard Roberts, "Pit Boss," directed me to attend the fire that day. I received all my directions from him. I fixed this fire several times that day. I put on two shovelfuls of coal each time, as near as I could tell. The last time I put coal on the fire was not more than five minutes before I discovered the fire. When I went into the arch everything was all right as far as I could see. The light I first saw seemed to be against the arch on the front of the arch; it might have been a little further up. The last time I saw Mr. Roberts, the Pit Boss, was about a quarter or half an hour before the accident. He came down and told me to go up to the fire, and I did so a little time after. The front of the arch is nearly even with the bottom of the slope--a little back, I think. I can tell exactly how much of the slope there was no fire yet at the mouth of the Main-way.

ANOTHER SURVIVOR'S STORY.

David Lewis being duly sworn deposes as follows: My name is David Lewis, age 62 years, and by occupation a miner, and have been a miner for 32 years. I commenced work for the Atwater Coal Company about the 16th of May 1872. I was working in the mine on the 3d of July at the time of the fire. I went in at 2 o'clock and came out at 12, I went in again at 1 o'clock and came out again. I went in the third time about ten minutes before the fire. Mr. Richard Roberts, was with me when I came out and when I went in the third time. When I got out to the mouth of the slope, I saw Jim Hommell at the mouth of the slope. I heard him holler to me. I could hear it plain in the mouth of the slope--a little back, I think. I got out to the mouth of the slope there was no fire yet at the mouth of the Main-way.

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ANOTHER LITTLE BOY CRYING!

Then he called hard "Smith," and we listened and heard him crying again. Then we commenced running, as we thought perhaps the boy was hurt in some way; and when we had run towards the boy about 75 yards we met the smoke coming in. Then we said, one to another, "there is no fire in the slope," and we commenced crying "fire in the slope" to alarm the others in the mine. Then we ran as hard as we could, and came back as far as we could through the smoke toward the bottom of the slope. There I knocked myself against a loaded car, and I suppose Richard Hill also; anyhow I lost Richard there; and just there I met Jim Hill and Richard Gaffield, and backhim follow me. (The boy was employed in the mine to open and shut a door.) I went on my way as quick as I could to get out of the slope. The place was all full of smoke--I saw it at the top of the slope. I saw no fire. I ran up the car slope and mine were on fire, and that the furnace I saw no fire, but I could hear it roaring in the main-way, and could hear the timbers inside cracking. I had got 50 or 75 yards from the bottom of the slope before I heard the cracking. That is about as far back as I found, and I was almost forced to stop. I ran up

ON MY HANDS AND KNEES

Thinking to get better air that way. I saw the first timber on fire. When I got on there was no fire at the mouth of the slope, nothing but smoke. I heard no alarm whistle while in the mine. It was too smoky before I came out. We could scarcely hear it in the mine. The people outside knew there was fire in the slope when I came out. I have sometimes met bad air in the mine before the fire was put at the bottom of the slope. I never knew the air covered any fire damp or explosive gases in this mine. I saw nothing unusual on the day of the accident. Since the arch has been at the bottom the air has been good. There was iron to protect the timber near the arch, but I did not consider it safe, it came too near the wood work.

JAMES HOMMELL, THE ENGINEER.

James B. Hommell, the engineer, being duly sworn, says: My name is James B. Hommel; my age is 24 years; residence, Atwater township, Portage county, Ohio, and am by occupation an engineer in the employ of the Atwater Coal Company, and have been in their employ since October, 1871. I run the locomotive engine, and have charge also of the stationary engine at the Company's bank. On the 3d of July, at fifteen minutes past one o'clock, I went down the slope in the mine to see how many cars we could haul out side. When I was coming back past the bottom of the slope, Andrew Strong, who had charge of the car there, told me he had been firing up in the arch to clear out the powder smoke made by the blasting. I came to the top, and went into the engine house, filling up on a car. When I got to the top of the slope into the engine house,

I HEARD A KIND OF PUFF,

and I looked around to see what it was, and saw that the slope was out of fire by the smoke that was coming through the timbers or partition between the air way and track way, and was also coming out of the air way back at a great rate. I then ran down to the mouth of the slope, and cried to Andrew Strong,the man at the bottom, to have the hoisters come out. But Andrew Strong, then came out. When I came up the slope in the car, just before the accident, I saw nothing unusual, and smelled no smoke; everything was as usual. I saw no blaze of any kind after the explosion. It was simply a dense smudge. I staid till two more came out alive and then went for a doctor. I blew the whistle ten minutes after the alarm, and as soon as the first man came out homed. I blocked the wheels down and went for a doctor.

THE CONVICTION OF THE FIRE ARCH.

I am acquainted with the fire arch at the bottom, and its construction. It was an arch five feet in length, I should think, and was built up two feet wide with square sides to the grate bars; from the grate bars it was built over in a half circle to the full length of furnace. Back of the arch it was lined with sheet iron to keep the heat from the timbers at the sides for a space or length of six feet. At that point the heated air went out in the man-way. This sheet iron lining was blocked away from the timbers with fire brick and did not touch the wood. One half of the arch was against the timber, the other side was next to the slope timbers. The material over head was slate. The lowest point of the arch was the length of a firebrick from the timbers--eight inches, I believe. I don't know whether the roof of the man-way was sheltered with iron or not, where the heated current came into it. It was six feet from the end of the arch to where the heated current entered the man-way. I was in the man-way back of the furnace to examine the steam pipe to the pump, every other day, before fire was built in the morning. I have never given the order to shut off the archway particular attention, but when in there I always looked to see if anything was wrong with the timbers or arch. The slope has always been wet more or less, from the bottom 70 feet up, always water dripping down. I did not see the furnace when I talked with Andy Strong just before the accident. I went up into the man-way while the arch fire is burning. I tried once but could not stand the sulphur. There was little heat, but the sulphur smoke was unbearable. I was at the last appearance of the fire, I believe it was made. It was filled in with coal black at the bottom, and smoked at the top. The arch above the grate was four inches thick, just the bulk of fire brick, if a single. I was of the impression it was single. It may have been double. I put together with ground potter's clay. It is going by the name of "Richard Roberts' Boss." I never examined the arch to see how it was built. I never felt around when the arch was put there, but it was more than four weeks ago. I saw the body of Wm. Roberts brought out. He was burned. His clothes all but his drawers were burned off him. I also brought Benny Jones out alive at the time of the accident. He was down five yards from the top, lying on his face, appearing like dead. There was no fire near him. I very dense smoke. The heat where I was was not great, but the sulphur smoke was unbearable. The air in the mine before the furnace was put at the bottom was bad, especially in the other part of the day. After it was changed to the bottom, I put a steam blower in the stack, and the air was good, the draft being first-rate.

TESTIMONY OF THE SUPERINTENDENT.

Jay Roberts, being duly sworn, testifies: My name is Phillip M. Wales, age 27 years, residence 295 Paley street, Cleveland, Ohio; occupation, Superintendent of the Atwater Coal Company's mines, and have been since April 15, 1872. July 3d, 1872 I was at the Coal Bank an hour or so in morning after. At the time I heard the alarm I was at my boarding house, about one mile from the mine. I knew by my foot about a week since by running a miner's pick into it and am unable to be out except upon crutches, and then only for a very short period at a time.) On hearing the alarm I thought it was fire. At first it was an accident to the whistle which happened once before; but I soon changed my mind and sent Mrs. Garrison down to the coal bank to see if there was anything unusual about the mine. She immediately came back and told me that it was all on fire she presumed, as there was a dense smoke coming up. Mrs. G., and I went to the barn to get a horse. By the time we got the horse hitched up, Jake McGarvey, the engineer, came running over and told me the whole front was one mass of fire, and that the men were all in the mine and probably dead. We hurried as fast as the horse would take us. It was probably twenty minutes before we got there, and I went in there. I found flame bursting out of the main way or air course, and heavy smoke coming out of both the car way and airway. The only flame then was coming out of the air-way, the fire not having got through the brattice or partition between the two ways. Before I got there I had filled in between with shock, raw dust and dirt to make it air tight. Just as I got there the last live man was brought out. Mr. Lang, who was then insensible. The men were engaged in the mine in the usual course of duties and timbers as much as they could. I ordered the planking on top over the slope to be taken off, to give more room for the air way to throw on water. They carried up on top of the slope about 20 feet down. I was in hopes to find more men, but found none. We continued to throw water, until the fire was extinguished as far down as we could throw water from buckets. The fire continued raging below. Many of the men around insisted upon filling up the entrance in order to smother the fire, but I would not allow it done, as I hoped that some of the men had got back into the entries and if the mouth was closed they would necessarily have been smothered by the smoke if any were alive. I ordered a hole drilled from the top down through into the main entry at its terminus. The hole was completed and I put through at half past 10 o'clock on July 4th. The men upon drilling through commenced calling down and making other signals for an hour,

BUT THEY GOT NO RESPONSE AT ALL.

I then concluded the men were all dead, for they could have heard the drill as soon as it struck the slate. During this time the men were also at work sinking a shaft. I left at 6 o'clock on account of my injury.

The mine was remodeled by having a double passage way in the slope, the larger, or car way, to be for a fresh air passage, the smaller passage, or man-way, to be used in connection with air courses running with the entries as an exit for foul air--the air-way. This worked very well for a short time, while we had but a few men here, with the air became dense and heavy, and the fire extinction entirely ceased without any aid. At this time Easy Roberts suggested putting a fire-arch near the top, connecting with the man way and a door near the bottom to turn the draft through the arch and up out of a stack. This did not prove a success by any means,and did but little improve things. Shortly after that was built, Richard Roberts succeeded Easy Roberts as "Pit Boss." At his suggestion, as well as that of several of the miners, the fire arch was removed from the top, and placed at the bottom of the man-way, in as we supposed, a secure position. This change was made by me materially. There existed a doubt in my mind at the time we were working the arch whether it would be entirely secure against fire; but Richard took every pains to make it safe, and often assured me it was perfectly so. I never heard a word from the miners that they considered it unsafe. The man way was planked on both sides down to where we got to solid material, when the side next to the earth was discontinued. The plank partition between the man way and car way was continued clear to the bottom. The roof of the man-way and car way was wood clear to the bottom. After you get about 75 feet down the slope, the timbers were perfectly saturated with dripping water clear to the bottom. The arch was not constructed in the man way. There was an excavation made in the coal on the earth side, and the arch built therein, and then the connection made from the arch to the man-way by the boiler iron. Roberts put up, I think, the arch at the time of the fire was about two feet from the man-way timber. Then at the end of the arch it would be about two or two and a half feet to the roof timbers, and the timbers would be about five feet from the arch at the nearest point.

HOW DID THE FIRE ORIGINATE?

Question.---From your knowledge of the mine, the location of the fire-arch, the ventilation and the man-way, did the fire originate by the burning of the timber of the fire-arch, if not, where?

Answer.---Well, in the first place, those men working at the mine can tell when they get to the timber whether they will be burned. But, according to the best of my judgment, from information given me of the first appearance of the fire, I believe it to have been an explosion of gases in the man-way. The flames rolling the whole length of it set fire to the dry timbers at the top, and burnt back into the mine."

Question.---Have you had any knowledge of gases, fire damp, or black damp in the mine?"

Answer.---"I have not had any knowledge of any explosive gases in the mine."

Question.---Was it made the duty of any one to examine the mines at any time to ascertain the presence of fire damp or gases?"

Answer.---"There was no such duty to be performed, no one ever having detected any necessity for such examination. At least no one ever came to my knowledge. I have never had experience in mining until I took charge of this mine. My son was outside manager. Richard Roberts had full charge of the mine, and I depended on him in matters inside. There was 720 square yards of entry work. We have just commenced turning new rooms."

MARVELOUS ESCAPE OF BENJAMIN JONES.

Benjamin Jones, being duly sworn, deposes: My name is Benjamin Jones; my age is 33 years. I am a miner by occupation, and have been underground now about 25 years. I have been in the United States 8 years. I commenced work in the Atwater Mine July 1st, 1872, two days before the accident. I was driving the mule in the mine on July 3rd 1872, at the time of the accident. My employment in mines is mostly as a driver. At the time I first knew of anything wrong in the mine, I was on the right hand side of the main entry. I thought at the time I was 75 yards from the bottom of the slope. I had just taken the mule there looking for a full car. There was no full car there and I was waiting on him. While waiting I heard some men hollering from the bottom of the entry,where I was. I thought by his voice it was Richard Roberts. The words used were,

"HURRY OUT RIGHT STRAIGHT, MEN!"

I started just at that word. I took and turned the mule around, trying to get him along with me, I got him, I think, within ten yards of the main entry. Then I passed the mule and as soon as I came down to the main entry the smoke was very dense. I could not see. I went straight out from there to the bottom of the slope. There I met the first timber which was by what I could guess five or six men who seemed to be like as if

THEY HAD LOST THEMSELVES

and did not know what to do. When I got to them they parted on to get through them and over one that had fallen. After passing over that man I went perhaps five or six steps, when I too fell on my hands and knees. I got hold of the "T" rail as I fell and crept up by that, keeping hold of it all the way I came, up to where I thought I could see the day light, when I heard the voice of James Hommell who came down and helped me out. I found the heat on my way out as soon as it came to be again entry. I could not tell where I found the most heat, but it seemed up the slope on the main entry. Hommell reached me. If Hommell had not come to me I would never have come out alive. I saw no fire at all on my way out. There men I passed were standing, all but one, and seemed to be feeling around, as if lost. I heard no alarm whistle at all. I never discovered any damps or explosive gases in the mine.

JAY ROBERTS, THE EX-SUPERINTENDENT.

Esay Roberts, being duly sworn, deposes: My name is Esay Roberts; my age is 56 years, residence, Box township, Carroll county, Ohio, and am by occupation a coal mine superintendent,and have been for 28 years past. I was employed by the Atwater Coal Company in July, 1871, to superintend putting down the shafts, and was afterwards employed to put down the slopes to their mines. I was Superintendent up to May 1, 1872. This mine was sunk 14 feet wide at the bottom, and 9 feet wide from post to post at the top. It was 6 feet high in the clear. The sides and roof for the collars and planks and sills were all oak. It was planked all around on all sides down to to the rock, where no plank siding was needed. The top was was planked clear to the bottom of the slope. We had a partition running the whole length of the slope. This was on the easterly side of the slope, and was on the left side of the car way, about three feet at the top on the easterly side for a man way and ventilation. This was between four and five feet wide at the bottom. This partition was composed in part of oak, the balance beach, and made of inch stuff, boarded about six feet post, thus making it six inches thick. This space was filled in with rubbish out of mine, some slack, fire clay, and a small amount of saw dust and other dirt. The ventilation was carried on from the bottom of the slope connected with all the entries. The fire arch used in the ventilation was at the top of the slope 10 feet from the man-way when I left the Superintendency of this mine in May, 1872. This fire arch was 2 feet and 6 feet wide. This manner of ventilation I myself had in operated very well while I was there, the current of air being very strong. Richard Roberts succeeded me in the Superintendency in May, 1872. I recommended him to the company (Mr. Hutchins) as a good, honest man. He was a practical miner. He worked with me three years and I never saw anything lacking with him. I know nothing about the chance of the fire arch to the bottom of the slope. I left the mine in good condition, and never was down in the mine since the change. I cannot tell definitely the amount of slack in this partition, nor what it was used. I have been down the slope since the fire as far as we could go. We cannot yet reach the bottom of the slope. From about half way up the slope to the bottom, the slope was kept wet with dripping water enough to keep down dust. I think this moisture will keep the filling in the partition wet, so that it could not be inflammable. I was present when six bodies were brought out. I was appointed to recognize them. One was brought out just as I came, and five afterwards. I did not know them all. This was July 4, 1872.

THESE BODIES WERE BADLY BURNED.

These bodies were found within about here rods of the slope. The men found before I came, Mr. William Roberts, was found within twenty feet of the top.--Where these bodies were found the timber had burned through and let the dirt fall on them. I could recognize the men but that was all. I recognized John Williams by his shoes, and Richard Roberts by the side of his neck. They appeared to be roasted. One of the three men whom I did not know, was badly burned in the abdomen. The upper parts of their bodies were most burned. They were surrounded with burning timbers, boards and dirt.

ANOTHER THEORY.

When I first heard the report of the accident, I was of the opinion that this fire came from the furnace at the bottom, but I have now changed my opinion, which I will give: I think the men were bound to be all saved if it came from the fire in the furnace, for the reason that the current of air from the fire-arch fire would burn my body, and have a chance to come out. The track way for them would be clear, as the fire would all be in the bottom. I heard of this fire was at the top, and burned them all up. They generally blasted just before quitting time of dinner. I think some of these blasts fired some explosive gas, and when, after dinner, the boy fired the fire, the gas was drawn into the fire below, and thus the fire and air both came to the miners, and set fire to the top and burned backward. I think this from the fact of its suddenness, and that all the men were killed near the top. I never detected the least of any gases in this mine, except the black or sulphur damp. There were no fire damps that I know of, but I think it was fired by blasting and caused this disaster. I am acquainted with the black damp. It is not explosive but will smother. I know no other explosive gases in this mine. I think explosive gases were formed in the mine by the rain at no greater depth than the depth of this mine. The explosive gases I think I have detected. It is lighter than air and rises. It will fall below the roof and does not settle to the bottom. The only communication in this mine was by wire and was in good condition. The wire acted on a knocker in the engine house. There was no telephone. The main line from Cleveland to Columbus 128 miles (formerly Cleveland, Columbus & Cincinnati Crestline to Indianapolis, 207 miles, (formerly Bellefontaine Railway), and 20 miles, Delaware to Springfield, Ohio. Akron to Cincinnati, 106 miles, (formerly Akron & Cincinnati Railroad). Akron to Orrville, 20 miles, (formerly Cleveland & Pittsburgh Railroad). Akron to Wooster, 30 miles, (formerly Akron & Wooster Railroad). Akron to Massillon, 15 miles, (formerly Akron & Massillon Railroad). Akron to Cleveland, 40 miles, (formerly Cleveland & Akron Railroad). Akron to Hudson, 20 miles, (formerly Akron & Hudson Railroad). Akron to Ravenna, 20 miles, (formerly Akron & Ravenna Railroad). Akron to Canton, 20 miles, (formerly Akron & Canton Railroad). Akron to Barberton, 10 miles, (formerly Akron & Barberton Railroad). Akron to Peninsula, 10 miles, (formerly Akron & Peninsula Railroad). Akron to Cuyahoga Falls, 10 miles, (formerly Akron & Cuyahoga Falls Railroad). Akron to Middlebury, 10 miles, (formerly Akron & Middlebury Railroad). Akron to Barberton, 10 miles, (formerly Akron & Barberton Railroad). Akron to Peninsula, 10 miles, (formerly Akron & Peninsula Railroad). Akron to Cuyahoga Falls, 10 miles, (formerly Akron & Cuyahoga Falls Railroad). Akron to Middlebury, 10 miles, (formerly Akron & Middlebury Railroad).

THE CONNECTICUT LEGISLATURE.

What They are Doing at the Old Home---Some Laws of General Interest.

[Correspondence of The Beacon.]

NEW HAVEN, CT., July 3, 1872.

There may perhaps be a few items of some interest to readers of THE BEACON pertaining to legislation in this "semi-capital," and by the way, the question as to whether the State shall hereafter have one or two capitals, comes before the Legislature every year of late in some shape. Hartford is trying to get a Constitutional Amendment making Hartford the sole capital, and New Haven offers for acceptance a proposition to build a public building, costing one million, to be given to the State as an inducement to continue New Haven as one of the capitals. The contest this year on these questions was sharp, but neither short nor decisive. The proposal amendment received a majority vote in the House, which carries it to the next Legislature, where it will have to get a two thirds vote of both houses to carry it to the people. The New Haven proposition goes to the next Legislature also, but will require only a majority to get it operated very well while I was there, the current of air being very strong. Richard Roberts succeeded me in the Superintendency in May, 1872. I recommended him to the company (Mr. Hutchins) as a good, honest man. He was a practical miner. He worked with me three years and I never saw anything lacking with him. I know nothing about the chance of the fire arch to the bottom of the slope. I left the mine in good condition, and never was down in the mine since the change. I cannot tell definitely the amount of slack in this partition, nor what it was used. I have been down the slope since the fire as far as we could go. We cannot yet reach the bottom of the slope. From about half way up the slope to the bottom, the slope was kept wet with dripping water enough to keep down dust. I think this moisture will keep the filling in the partition wet, so that it could not be inflammable. I was present when six bodies were brought out. I was appointed to recognize them. One was brought out just as I came, and five afterwards. I did not know them all. This was July 4, 1872.

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BROOKLYN, N. Y.

The Heated Term---Exodus to Europe.

[Correspondence of The Beacon.]

BROOKLYN, N. Y., July 6, 1872.

We have had an unusually high temperature here for about ten days past but the heated term of this year is now at hand. The death lists in New York and Brooklyn for the last two weeks reminded one of years past when some fatal epidemic raged among us. We have had a fine showers for two days past, and to-day the atmosphere is quite endurable.

This "heated term" has done its work however, in driving people to the country, to the seaside and to Europe. Such an exodus to Europe was never before known, as the shipping lists this season present.

H. S. W.

THE BEE LINE.

An Extensive and Exclusively Ohio Enterprise. Its Connections Between July 5.

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