

HISTORY COUNTY'S ORE MINES

(Continued from page five.)

abandoned by them it was taken over by the Curtin's, who were the last to operate it.

The Plant

The washer was run entirely on surface ore, whose rocky character prevented a very large daily output, making only about ten tons a day with a double twenty-five foot shaft. The full capacity with this ore should have been about fifteen tons a day.

The water well at this plant was 157 feet deep, filled up to 85 feet and with a ten foot column of water. The pump was of the regular oil well walking-beam type with a three foot stroke, and making thirty-four strokes per minute. A thirty-five horsepower steam engine run both the ore washer and the well. The ore after being picked of its large flintstones was divided into two sizes, lump and fine ore.

It was then passed through a rotary sieve or screen, and then onto a Bradford jig, where the ore flint and other refuse were separated—the ore falling to the bottom. In order to make the jig continuous in its action, self-acting rakes were arranged by which the flint and ore were raked off the surface. As there was very little silt in this ore the flint and ore were very rapidly separated by gravity, so the machine gave entire satisfaction. The jig screens were usually of a 3/4-inch mesh and separated into two sizes, each size having a flint and an ore bin, where the ore was drawn out and delivered to the furnace.

The portion east of the ore washer extending to the north of the Catesburg and Taylor banks, show some old workings. The ore here was more or less continuous to the old Valentine line. West from the washer there were several shafts put down but none of them proved very satisfactory on account of so much tough yellow clay. Some of this ore went to the old Eagle furnace built in 1817, and some to Pleasant furnace at Curtin, built in 1847.

The Jackson Bank (Bellefonte Ore Company)

This mine is situated about two miles east of Bellefonte, on the north side of the limestone ridge and a little south of the Jacksonville road. This property was under a lease and contained about seventy acres and was part of the Barnhart farm of four hundred acres.

had their mud dam, and it was afterwards found out that some of the best ore was overmin with the mud dam.

The original royalty here was \$1.00 per ton, but later was reduced to fifty cents a ton. After this reduction the company claimed they could mine and deliver the ore to Bellefonte in wagons for \$2.00 per ton.

The general body here was flinty and had to be binged. There had been about 15,000 to 20,000 tons of ore taken out here in 1883 and it had good prospects for the future. The ore was hand picked after it was washed which made it run a little higher in percentage of iron.

The plant consisted of one very good well 127 feet deep, which was cribbed to a depth of about 100 feet. And it was bored by a diamond drill 87 feet more. And had a water column of 100 feet. The pump ran thirty-eight revolutions per minute, and had a four-foot stroke with a flow of one hundred and eighty gallons per minute.

A thirty-six horsepower steam engine was used for hauling the cars up the incline plane, also to run the ore washers and the well. There was one pair of double washers twenty-five feet long with a capacity of sixty tons a day, also one pair of forty horsepower flue boilers. The receiving shaft was raised six inches above the delivery shaft in order to help the flow of mud and ore from one end of the shaft to the other.

Mine cars dumped the ore directly into the washer from a platform above. These cars were open at the end and dumped on an angle of 45 degrees. They were weighted so as to return after they were dumped. The ore was picked of large flint masses at the mouth of the shaft before passing into the screen. The screen was divided into three sets of meshes, for water, sand and ore. All the ore that passed out of the end of the screen was hand-picked on platform and transferred into wheelbarrows where it was taken out on the ore dump. The fine ore was run through a set of jigs and was delivered into a bin by a link belt. The Bradford jig was also used here.

Red Bank (Curtin Bros.)

This mine, about 4-mile north-east of the Bellefonte Ore Company's mine and close to the base of the limestone ridge, derived its name from the blood red color of a great deal of its clay. The mine was about thirty feet deep and was very irregular in shape. The best ore was in the south and west sides of the bank where a very good grade of ore was mixed with clay. Some spots were very sandy, while others were clay which often would run seven feet deep. The ore at this bank was mined and taken to the foot of an incline plane and hoisted to the ore washer. The ore was of the same character as the Jackson mine, being also binged with quite a lot of limestone. There was some very excellent large pipes of pipe ore found in this cut on the south side of the mine. The washed ore was claimed

to run about 55 per cent in iron and was highly spoken of in the furnace workings of Messrs. Curtin.

The plant at this mine was well arranged. It consisted of a single 28 foot washer with a capacity of about 40 tons a day. The steam engine was none of the best, having been moved here from some other plant and had seen better days elsewhere. However, it ran the washer and the pump and hoist. There were two wells here, each being 224 feet deep with a standing column of 40 feet of water. Two 25 foot boilers did the work. The ore was hauled through the gap in Bald Eagle mountain, better known as Curtin's Gap, to the Curtin furnace at Curtin.

The Hoy Bank is located about 100 yards north west of Red Bank, and is a very old bank, for nothing much could be learned of it. The same with the Kaufman or Dyserk bank. These two banks had been in operation many years before and probably had furnished ore to the old Curtin furnace.

Passing to the south side of the limestone ridge the next mine is the Hamilton bank, located at the junction of the Fishing creek road and the road over the hill through Curtin's gap. Between this bank and Curtin's line on the west, Valentine's had worked the same outcrop and under the same name as the Curtin Fishing Creek bank.

It showed quite a lot of pipe ore but was cut off by a limestone ridge. This place also had formerly been worked for the old charcoal furnaces. The ore was very deep and some of the land was used for a mud dam for the Gatesburg bank higher up the cove.

No work had been carried on at this bank since they had taken out ore for the old Curtin's furnace in the early eighteenth century. It is claimed that a shaft 175 feet deep had been put down here and worked until they were chased out by water. This shaft had a good quality of pipe ore at the bottom. (To be continued in a future issue)

Motorist Killed As He Flags Truck

(Continued from page five.)

He said his companion, Herbert Ergott, of Avis, looked back toward the parked car and reported that the people in it were laughing and that he did not think anything happened. In the belief that there might have been a close call, which had caused excitement among the occupants of the car but had not caused any damage, he continued homeward and did not know of the accident until a few hours later. Croak was the son of Mr. and Mrs. William G. Croak, 433 South Jones street. He was born in Lock Haven and spent his entire life here. He was employed as truck driver for Fragale, Heinrich & Co. He is survived by his wife and two young children, Richard and Lois, at home; his parents and a number of brothers and sisters. One law that hasn't worked, the Neutrality Act.

POTTERS MILLS

Mr. William Fleisher from Buffalo called on his sister, Mrs. H. E. Faust on Saturday, enroute to Washington, D. C. He expects to make his home in Washington with his daughter.

Little Janet Faust, daughter of Harry Faust, who had been in the Centre County Hospital two weeks for treatment and a tonsillectomy has returned home much improved.

The Woman's Club of Centre Hall, took little Dorothy Confer and had her eyes examined, and find she has lost the sight of one eye and an operation will have to be performed to preserve the sight of the other eye. She has been fitted with glasses. The Woman's Club is to be highly commended for the interest taken in the unfortunate children.

Mr. Floyd Palmer from Hazelton camping with a hunting party in the Seven mountains called to see his uncles Mr. F. F. and Thomas Palmer.

Mr. Boyd Smith visited over the weekend with his wife in Shick-shinny.

Mr. F. F. Palmer, wife and Mrs. G. H. McCormick shopped in Lewisburg on Tuesday. Mrs. David Confer and two children Bobby and Carol, Mrs. William Gillespie, Mrs. Alvie Confer and Jackie Penner spent Sunday afternoon at North Bend with mother Penner and Frank. Hugh Confer spent the week at his parents home. Mr. and Mrs. Bobbie Confer visited at Mr. Ralph Confer's home in Lewisburg on Tuesday. Mr. William Poorman is suffering from several broken ribs which he received from falling on the ice while helping to start a car. Mr. Amos Nearhood is not improving as fast as his friends would like him to.

BLANCHARD

(From last week)

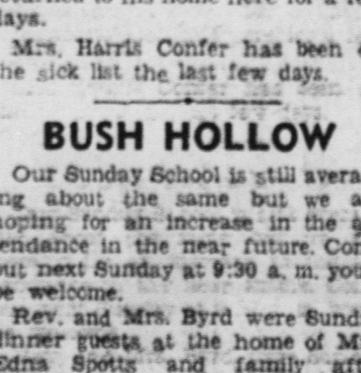
The various grades of the Liberty Township schools are in full preparation for the Christmas program to be presented at the PTA on Dec. 19th. A son was born to Mr. and Mrs. Donald Kunes on Tuesday. Miss Madie Potts was taken to the Lock Haven Hospital on Sunday for treatment of an affected toe. Al Lizzi Potts was the only one left at home. The William Potts the brother, came from Clearfield and took her back with him. Mrs. Harry Taylor of Pittsburgh, spent last week at the home of Mr. Allen Fletcher, while Mr. Fletcher was at his hunting camp plotting a party of deer hunters of which Mr. Taylor is a member. A birthday party was given last Wednesday evening in honor of Lewis Fletcher's fifth birthday. He received many useful gifts an enjoyable time was had by all. Those present were: Mr. and Mrs. Robert Kunes and two daughters Margaret and Kathleen and Miss Leah Confer all of Lock Haven; Miss Helen Johnson, Mill Hall; Mr. and Mrs. Hugh Glossner and son Clair, of Mill Hall; Mrs. Harry Taylor of Pittsburgh; Mr. and Mrs. Hayes Fletcher, Mr. and Mrs. Allen Fletcher and family. Mrs. Harry Taylor, Mrs. Allen Fletcher and son Lewis visited last Thursday at the home of Mr. and Mrs. Milford Gardner in Pleasant Gap. The young married people class of the Church of Christ will again sponsor a watch meeting at the church New Year's eve. Mrs. W. H. Spangler spent several days of last week visiting her husband in Renovo, and was again called to Renovo on Monday eve, because of his illness. Mr. Spangler returned to his home here for a few days. Mrs. Harris Confer has been on the sick list the last few days.

BUSH HOLLOW

Our Sunday School is still averaging about the same but we are hoping for an increase in the attendance in the near future. Come out next Sunday at 9:30 a. m. you'll be welcome. Rev. and Mrs. Byrd were Sunday dinner guests at the home of Mrs. Edna Spotts and family after church. The school children and teacher are planning their Christmas program for Friday Dec. 20 at 2 p. m. They are having next week off for their Christmas vacation. Cottage Prayer meeting this Friday night Dec. 20, at the home of Mr. and Mrs. J. Benner Hall. Everybody welcome. Rev. Shull and son and family returned to their home in Geneva last Wednesday with a nice doe which Rev. Shull was lucky enough to shoot on Tuesday. We were all sorry to hear of the death of Joseph Alexander, who died at the home of his daughter Mrs. Austin Lucas of this place last Thursday. The family have our

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Why does Carrie Collins climb a ladder?



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ORVISTON

There were 168 at Sunday School, Sunday. Sunday visitors at the home of Mr. and Mrs. J. Rhoads were Mr. and Mrs. Dale Combs and son Bobby and Mr. Charles Emshizer all of Lock Haven, and Mr. and Mrs. John Lee and two daughters Helen and Sarah of Lemont.

Mr. and Mrs. William Crispin of Julian, were Sunday visitors at the Clayton Watson's home. Mrs. Mary Bell Heverly and Mrs. Paul Lomson spent Sunday afternoon at the Paul Lomson home. Mrs. David Confer and two children Bobby and Carol, Mrs. William Gillespie, Mrs. Alvie Confer and Jackie Penner spent Sunday afternoon at North Bend with mother Penner and Frank.

FAIRVIEW

Mrs. Alfred Lucas of Pleasant Valley, visited on Monday with Mrs. Amelia Chapman. Mr. and Mrs. Morgan Lucas of Marsh Creek, Mrs. James Lucas, Mrs. Milford Eilers and baby and Miss Faye Chapman of this place visited on Wednesday with Mrs. Myrtle Lucas. Mrs. Amelia Chapman visited her

FILLMORE

There will be a Christmas entertainment at the Fillmore M. E. Sunday School Sunday evening, December 22, at 7:30 o'clock. Mr. and Mrs. "Dutch" Benner visited at the Harry Spearly home one evening last week. Mr. and Mrs. Dean Smeltzer and son of Centre Hall visited at the Bernard Crut home on Sunday. Mr. and Mrs. George Koons and son Dale and girl friend of State College visited at the Frank Hill home on Sunday. A blacksnake which seemingly had become confused in the seasons was killed by Mrs. Hannah Ross, of near Sunbury, recently. The reptile was dispatched when found sunning itself. It measured five feet in length. Any solicitor for a charity cause can recognize the look that comes into the eyes of some prospects.

Measuring Acceleration



Photo shows method of determining pick-up time in the Florida Road Test. After 100,000 miles of driving, the fleet of low-priced stock cars that used new Atlantic White Flash PLUS had lost only 5% of their pick-up... and acceleration from 10 to 50 m.p.h., on new Atlantic White Flash PLUS, was less than a second longer than when the test started! (Adv.)

Isn't it about time to read another book? Many good ones have been published since Swiss Family Robinson.

Use our Classified Ad columns.

Mr. John Eilers and daughter Margaret of Mt. Eagle called at the Pleasant Valley on Tuesday. Mrs. Myrtle Lucas spent Thursday night and Friday with relatives in Bellefonte. Mr. and Mrs. Malvin Lucas and children and Mrs. Amelia Chapman attended the butchering of Mr. and Mrs. Ira Gilbert at Pleasant Valley on Saturday. Boys from around here that killed deer were: Robert Lucas, Tom Confer, George Eilers, Clair Chapman and Dick Watkins.

Foolish Snake

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Any solicitor for a charity cause can recognize the look that comes into the eyes of some prospects.

The Ideal Christmas Present!

DUO-THERM

Fuel Oil Burning Hot Water Heaters

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A Duo-Therm is one heater that will solve your hot water problems for once and for all! You get automatic turn-of-the-tap convenience—plus the economy of cheap fuel oil. You get all the hot water you want—when you want it, because a Duo-Therm has a large capacity and heats water faster. Even on the heaviest washing day it won't let you down. And you can enjoy this greater convenience and economy anywhere, city or country—no gas or electricity needed.

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That Solve Your Light Problems For Dad and Ma!
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"True Value"

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Paper Whites	Gardenias
Snapdragons	Violets, Etc.

A Corsage makes a most appropriate gift.

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