

SOURCE OF OUR COAL

Straight Information From A High Authority.

A TRIP INTO THE MINE SHAFT

Some of the Dangers that Beset the Miners Who Dig Out the Fuel-Supply Sufficient for Generations to Come.

"What will I have to pay for coal this winter?" "With dealers urging householders to buy coal early, and rumors of soaring prices, this question is on millions of tongues," says a bulletin from the National Geographic Society.

"As a by-product of this interest it might be well to ask where do we get our coal, and how?" The bulletin answers this question by quoting from a communication by William Joseph Showalter as follows: "We will first visit the anthracite fields, that wonderful region in Pennsylvania, which lies to the north of Reading, to the south of Carbonate, east of the Susquehanna and west of the Lehigh rivers. Scranton and Wilkes-Barre are the center of the upper field, Hazleton of the middle field, and Pottsville of the lower.

"Were all of the coal beds in this remarkable region laid out in a compact body, they would cover a area only twenty-two miles square. Yet out of such a small area have come billions of tons of coal and culm, the former to cheer a million firesides, and the latter to dot every landscape, and to serve as monuments to remind us of the patient toil of hundreds of thousands of men through scores of years.

"A visit to a modern colliery is an impressive experience. Depending on its size and the labor available, it will bring from one to two full train-loads of coal up out of the bowels of the earth every day, put the coal through the breaker, where the sheep of fuel are separated from the goats of slate and culm, and load it into the cars ready for market.

"The giant fans fly around with a rim speed of a mile a minute, two of them, with a third in reserve for emergencies. If it were not for these fans the air in the mine would become so laden with gas and dust that if it did not explode and transform the whole mine into a charnel-house, it would develop choke-damp and suffocate us. These fans are to the mine what the involuntary muscles of the chest are to the lungs—they make it breathe.

"Every mine has two shafts—the hoisting shaft and the air shaft. In order to keep the air in the mine free enough from gas to permit miners to work in safety, enormous quantities of fresh air must be sent down the one shaft and, corresponding quantities, gas laden, drawn out of the other.

"Before going down into the mine the superintendent will give us each a miner's lamp—at this particular mine the lamp is a tiny teapot affair containing sperm oil and with a spout full of cotton yarn. Also, he will equip us with electric hand lamps, to be used in any emergency. Then he will stick an extra ball of yarn in his pocket and we start for the 'cave' which is the mine name for an elevator.

"We step on, he presses a button, and the hoisting engineer is notified that we are ready to go down. Suddenly the cage seems to drop; then it seems to stop, and the walls of the shaft appear fairly to fly upward past us. Up, up, up they fly, disclosing this stratum of rock and then that.

"Arriving at the bottom, we soon find that a coal mine is planned like a city. There is one main street, or entry, and it has been laid out with the nicety of a grand boulevard. Parallel with this are other entries, and across these entries run other streets, at right angles, usually, which are called headings. Lining all these headings as houses line the streets are the chambers, or rooms, in which the miners work.

"In the anthracite region mining is still done principally by hand. Some jack-hammer drills have been introduced and some electric coal-cutting machines; but hand methods still produce, and some electric coal-cutting jack-hammer drill is an instrument which bores the blast-holes by power. With one of these drills a miner is enabled to bore as many holes in one hour as he can bore in eighteen with a hand-drill.

"When we reach the top again, we note the layout of the breaker plant, where the coal is cleaned and sorted into the several commercial sizes. "Going up to the top of the breaker, we see the coal as it comes from the mine, with all its slate and culm, mechanically dumped, a carload at a time, upon the oscillating bars, which begin the process of separating the coal from the worthless material and the assorting of the former into groups according to size.

"There are eight different sizes, of coal now in general use—broken, egg, stone and chestnut, which are the domestic sizes, and pea, buck-wheat, rice, and barley, which are steaming coals. They range from four inches in diameter for broken to one-sixteenth of an inch for barley.

THE ROAD TO SUCCESS.

It will do you no good to work like a horse; You will find there is not a thing in it. The man who employs you expects it, of course. But don't let him bluff you a minute. Don't be like some others who hustle all day; They're pluggs. Why their work is cheasy.

You'll find that the guy who lands there to stay Is the guy who takes every thing easy. This wisdom I learned from an earnest remark: Of a bum who sat on a bench in the park.

The man who has charge of a job doesn't know One-half of the things you've forgotten. Get back at him snappy and say, "Is that so?"

If he says that your work's getting rotten; Just tell him your motto is, always to keep The Super, and such men, in their places. Some day you will be at the top of the heap. And can spend all your time in nice places. This method of gaining success must be right—

It was told by a man in the bread line last night. Whenever you think you have earned your day's pay Drop your job like a kid would a thistle.

You can surely think of some nice, easy way To loaf till you hear the old whistle. The men who own houses, out on Mill-lonaire Row. With horses, and autos, and flowers, And that kind of junk, never get all their dough By staying at work after hours.

This way of advancement I'm sure will not fail— It was handed to me by a fellow in jail.—Geo. R. Alexander.

Community co-operation in reducing the high cost of living is asked by Attorney General Palmer, according to Governor Cooper who has returned to his office after an absence of two weeks in attendance upon the annual conference of governors in Salt Lake City.

Governor Cooper returned by Washington, where he as a member of a committee of governors had conferences with President Wilson and Attorney General Palmer relative to state assistance in the nation's war on profiteers. The plan as outlined by Mr. Cooper is to name a fair price commission in each state, who in turn will designate fair price committees in each community. Should the committees be unable to determine a scale of fair prices, the attorney general's office will have authority to name an equitable figure. Mr. Palmer emphasized that those charged with the hoarding of necessities would be prosecuted.

Motor-Sled for Snow Work.—In Alaska the motor-sled threatens to replace the dog in the transportation systems of the far north, at least over important mail routes. But, if the dogs go, they will retire with honors. They had their try-out on the battle-fields of the great war, and made good. Instead of pulling sleds over snow-fields, they hauled small cars along narrow-gauge railroads to carry food and ammunition to the front.

Their ability to do heavy work on little food made them in some places more efficient than the fuel-eating motor. They were also easily trained to silence, and on the battlefield job silence was at times more than golden. Rear-Admiral Peary says motor-sleds will never compete successfully with dogs for polar work.—Popular Science Monthly.

Dignity of Manual Labor.—The trouble with most young men is that they do not understand the dignity of manual labor. They do not realize that honors and fortune may be more readily gained outside of the so-called learned professions than in them and that it is just as honorable to swing a hammer or to hold a plow as it is to make a speech in court or to amputate a limb. The lesson young men should be taught as early as possible is that it is not so much what a man does for a living as how he does it, and that manual labor is as honorable as any other.—Lubbock Avalanche.

Blame it on Wilson.—The first shot in the riot which took place at the car barns of the Southern Public Utilities Company on the night of August 25, and in which five men were killed and a score or more injured, was fired not by Chief Orr but by a member of a mob of more than 100 men who were pressing behind John Wilson, the latter having angrily approached the chief to ask him who struck his brother, Clem Wilson, earlier in the night. This fact was brought out at a hearing in city court last week in which John Wilson was charged with inciting to riot and bound over to superior court under bond of \$2,000.

Testimony of officers was that John Wilson led a crowd of several hundred toward Chief Orr yelling "get that little, smart chief, and let's lynch 'em," when the unidentified man fired his pistol the jostling of the crowd throwing the shot wild. Chief Orr raised his hands to protect his face and his gun was discharged into the air, after which an orgy of firing developed, it was testified.

Finest of all Motors.—The air turbine of I. T. Nedland, a North Dakota artist, is less than one-twentieth of an inch in diameter, and weighs only one-fifth of a grain Troy. It has eight parts, the casing being of gold, and the rotor of steel. The rotor, which has six slots, has a diameter of 0.002 inch; the shaft, 0.007 inch. Mounted on a hollow pedestal, the turbine is driven at a high rate of speed by a jet of compressed air entering at the bottom, and less wear and tear on the body's most vital organ.—Thrill Magazine.

A Spanish government commission has practically completed plans for a national system for the production of electric current from waterfalls and its distribution.

The Speed of Light.—The velocity of light was obtained by the Danish astronomer Roemer in 1676, by observing the eclipse of Jupiter's moons. When the earth was nearest to Jupiter, the eclipse appeared about eight and one-half minutes too soon for the calculations, and when the earth was most remote from Jupiter they were about eight and one-half minutes too late. Roemer concluded the reason to be that it required 17 minutes for light from the planet to traverse the diameter of the earth's orbit, which measured the difference of the distances of the earth from Jupiter. This calculation has since been verified, and proves that light travels about 186,000 miles a second.

Value of Rest.—Your physician will tell you that whenever possible you should lie down for a little rest each day. To do so will take some of the load off that faithful heart of yours which keeps pumping away without cessation day and night. Your physician will explain that when sitting

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REAL ESTATE

If you want to buy, it will pay you to see Mr. J. C. Wilborn. He will make it to YOUR interest to let me handle your property.

Some of my offerings: 136 acres—9 1-2 miles from York and 6 miles from Clover on public road. 7 room dwelling, good barn and crib, one 4 room dwelling, celled throughout, and other out buildings. Good well of water. About 80 acres open land. Something like 100,000 feet saw timber. Balance in oak and pine. Property of R. N. Plaxco.

51 1-10 acres—4 1/2 miles from York and 1 1-2 miles from Trrzah on public road. 4 room residence, barn and crib. 3 acres branch bottom. 2 springs close to house. Plenty of wood to run place. Property of J. K. Connelly.

58 3-4 acres—5 miles from York. 5 room residence and barn. About 10 acres nice bottom land. About 14 acres woodland. 12 horse farm open. Property of W. M. Siver.

173 acres—2 miles from York on Turkey Creek road. 9 room two story residence, large barn, 30x50 feet, cotton house, 2 tenant houses, well of good water and 2 or 3 springs. About 100 acres in cultivation. 42 acres in oak and pine (wood and pine) to run place. Property of R. L. Deviney.

268 acres—5 miles from York on public road. 7 room residence, large barn, 12 stalls, well of good water, 4 tenant houses and 2 good horse pastures. About 100 acres oak and pine woods. 6 horse farm open. Property of J. Q. Hall.

89 acres—9 miles from York, 5 miles from Smyrna, and 6 miles from King's Creek. S. H. Snyrna, R. D. passes place. One horse farm open and balance in woods—something like 100,000 feet saw timber. 12 acres fine bottom, 3 room residence. Property of P. B. Biggar.

98 2-3 acres—10 miles from York, 7 miles from Clover, 3 miles from King's Creek, just off road leading to Piedmont Springs. Santiago school 1-2 mile; 1-2 mile from A. M. McGill's store. 7 room dwelling, barn and crib. One 3 room tenant house. About 40 acres open land, balance in oak and pine timber—something like 50,000 feet saw timber. 2 small pastures. Fine orchard. Property of J. E. Biggar.

143 acres—3 miles of York on Pineknob road. Two 4 room residences, 2 barns and crib. About 75 acres open land, balance in woods and pasture. Property of G. W. Ruff.

150 1-2 acres—4 miles from York on 3 1-2 miles from Sharon on Pineknob road. 2 tenant houses and barn. Well of good water. About 200,000 feet saw timber mostly white oak. About 75 acres open land. Property of J. G. Barnett.

100 acres—1-2 mile of Hickory Grove on good sandy clay road. About 65 acres open land, balance in forest timber—mostly pine and oak. One tenant house and barn. Property of J. M. Leach.

655 acres—2 miles of Hickory Grove on Rutherford and Chester road. 6 room dwelling, 3 tenant houses, barn, cribs, etc. About 450 acres cleared land, balance in woods and pasture. 2 good wells, good springs and branches. Bullock's Creek bounds place on South and East sides. Good bottom land. Property of J. M. Leach.

300 acres—1-3 mile of Hickory Grove just off Rutherford and Chester road, 4 tenant houses and barns. Watered by springs and branches. About 200 acres open land, balance in woods and pasture. Property of Mrs. Ella J. Scoggins.

195 acres—2 1-2 miles of Hickory Grove on two public roads. 6 room residence, new (4 stall) barn, and one tenant house. About 75 acres open land. Plenty of wood to run place. Nice pasture. Property of J. S. and Tom Wilkerson.

110 acres—5 miles from York on Turkey Creek road. 4 room residence and barn. Plenty of wood. Horse farm open. Property of J. S. Joyner. 210 acres—3 1-2 miles from York on Pineknob road. 3 room residence, well of good water, 2 large barns, three 4 room tenant houses and one 3 room tenant house. 40 acre pasture. Good orchard. About 150 acres open land, balance in oak and pine timber. Property of M. A. McFarland. 212 acres at Brattonville—2 tenant houses etc. I will sell this place as a whole or in 3 tracts, to wit: 57 acres, 65 acres, and 90 acres. Property of Estate Mrs. Agnes Harris. 133 acres—1 1-2 miles from York. 7 room residence, 7 stall barn, cotton house and 2 tenant houses. Well of good water. 40 acre pasture. Property of J. S. Joyner. 4-room residence.—In York on Charlotte Street. Cow barn. Good well of water. Property of J. W. Watts. 6-room (new)—Residence, barn and crib in McConnellsville on Crawford Street. Well of good water. Property of R. H. Lee. I have several nice propositions that the parties do not want advertised, call in and let me talk to you about them. Loans arranged on farming lands.

GEO. W. WILLIAMS REAL ESTATE Orchard 204 First National Bank Bldg.

—Pilot Weisell, formerly of the United States army aviation service, is operating an airplane at Asheville, for the benefit of the public at a dollar a flight. Mrs. W. P. Pollock, of Cherokee took an hour's flight down the French Broad and over the mountains a few days ago.

A new filter for air intakes of automobiles collects dust on a felt cylinder from which it is shaken into a collecting ring by the vibration of a car.

J. C. WILBORN, REAL ESTATE

YORK, SOUTH CAROLINA

DESCRIPTIONS OF TRACTS OF LAND

75 Acres—One and one-half miles of Guthrieville school and depot. Fine level land. A part of the beautiful farm of Amos Revel's estate lands. Price \$85 per acre.

119 2 Acres—One and one-half miles Bearsheba. Seven and one-half miles of York. One good dwelling house, two stories, seven rooms. Price \$65 per acre.

50 Acres—Near the farm of John S. Peemater, R. B. Hartness and C. M. Inman. One good four-room dwelling house; good barn. Thirty-five acres in cultivation. Price \$80 per acre.

113 Acres—Near Smyrna. One good dwelling house, four rooms. Good barn and other necessary out-buildings. Price \$40 per acre.

51 1-3 Acres—One and one-half miles of Bearsheba. One good dwelling house, five rooms. Two 30x50 foot barns. Under cultivation. Good school near by. Price \$7,500. Property of J. M. Mitchell.

Beautiful nine room residence formerly known as the Scott Wilson place, near the property of J. P. Barnes; nice miles of Chester. 2 1/2 miles of McConnellsville. 150 acres in fine cultivation. A big paying proposition. Plenty of tenant houses and plenty of wood to do the farm. Price, \$65 per acre.

64 Acres—The property of J. L. Templeton, joins the land of Felix Quinn, E. M. Walker and others. A nice six-room cottage, 45 acres in cultivation. Fine-corn and cotton grit. See me for price.

283 Acres—The property of Merced Love, two and one-half miles of McConnellsville, on public highway. Five room dwelling. Good four-horse farm open for cultivation; 75 to 90 acres in pasture, some of which is fine saw timber. This is a very fine farm. It is worth over the price. We have fixed \$50, so that we may make a quick sale. \$50.00 per acre.

110 Acres—At the village of Guthrieville. A beautiful grove. Fine six-room cottage. Land level, and is small tenant house on it. The property of E. J. Clinton. Price \$30 per acre.

82 acres—Joins the land of S. S. Shuford, Foster Jackson and others at Clay Hill, five miles of New Port, one mill of Forest Hill School; one dwelling four rooms, fifty acres under cultivation. Very fine land, balance in pasture. Fifteen acres in timber, two miles of the C. & O. R. R. One mile of good school, on public highway. Has one tenant house, ideal farm and can be bought right.

110 acres—More or less, joins the land of Ed Brandon, Mr. Sparrow, Billy Stanton and others, one and one half miles of Brandon School. Has small tenant house on it. The property of E. J. Clinton. Price \$30 per acre.

282 acres—Property of Sam Robinson at Clover. One dwelling house, two stories each, one hundred and fifty acres under cultivation, also another residence seven acres, one two large barns at this residence, one of the barns is the best in York County. If you do not think so look it over. This is a very valuable farm and is within one mile of one of the best towns in York County. It could easily be divided into two first class farms with ample building and every thing necessary for a farm. Price \$30.00.

137 acres—Joins the land of J. R. Wallace, Meek Williams and others, eight room dwelling, all necessary out-houses, good barn, three horse farm open for cultivation. One mile of mostly pine. The home place of Harvey Hammel. Price \$55 per acre if bought before the 15th day of September.

101 acres—Joins the above Harvey Hammel tract about one mile of school, six acres under cultivation, 40 acres in timber, 6 acres of bottom, 3 miles of Trrzah. Price \$55 per acre.

186 3-4 acres—Formerly the home of J. J. Matthews, joins the land of Purley and McElwee estate, beautiful 7 room cottage, 4-stall horse farm, is near the property of R. G. Purley. A very fine farm. Price \$75 an acre. Lies on splendid public highway.

64 acres—At Trrzah station, joining the property of Clint Jackson. One residence, 2 stories needing repair, also one tenant house. Price \$70 per acre for the next ten days.

80 1-2 acres—One residence, one barn, one crib, with wagon shed, two story lumber and cotton house, one good smoke house, one good shop, well house, well, spring. Between 50 and 60 acres in cultivation, 6 or 8 acres in bottom land. Plenty of good timber. Price \$42 per acre. Property of S. W. Gardner. I have the R. M. Anderson's farm 6 miles of Rock Hill, sand and clay road splitting it. This farm contains 600 acres with five buildings and barn, there is not a better cotton, corn and grain farm in York County and none better located than this farm. 54 2-5 Acres—J. P. Balles farm; one cottage, 5 rooms. 99 3-4 Acres—W. N. Gaston, 7 miles York. Price, \$2,000.00. 97 Acres—W. L. Wallace, near Meek Williams. Price \$4,200.00. 189 Acres—Residence and farm of Andrew J. Parrott, Filbert. Located on the Filbert-Clover road. Will sell as a whole or in sections. Look it over and I will make me an offer. 92 1-2 Acres—H. P. Stove farm, near Bethel church and school. Price, \$42.50 per acre. 160 Acres—Including fine Roller Mill, Corn Mill; also 25-horse power Engine and Boiler; 1 Dwelling, 6 rooms. About 75 acres in timber; 4 horse farm open. Price, \$37,000.00. 943 Acres—Three miles Hickory Grove. Mrs. Warr's \$20,000.00. (10). 119 Acres—1 mile Sharon, L. H. Good. Price, \$5,000. (12). 60 Acres—5 miles Smyrna. Price, \$25,000 per Acre. (14). 37 Acres—3 miles York. Price, \$60,000 per Acre. (15). 150 Acres—3 miles Smyrna. Price, \$31,500 per Acre. (16). 45 Acres—2 miles Sharon. Price, \$2,200.00. (17). 226 Acres—8 miles Clover. Price, \$60,000 per Acre. (18). 35 1-2 Acres—At Filbert—on King's Mountain road. Price, \$2,100. (20). 45 Acres—2 miles York. Price, \$30,000 per Acre. (22). 159 Acres—3 miles Smyrna. Price, \$3,500.00 total. (23). 250 Acres—3 miles Sharon. Price, \$15,000 per Acre. (24). 52 Acres—J. O. P. Price, \$25,000 per Acre. (25). One House and Lot—Near the Cannon Mill. Price, \$1,785.00. (26). 20 Acres—All wood. 7 miles York. Price, \$10,000. N. B. Ask at any of this property or else write for further information. We can give satisfactory terms on any purchase. If you want a farm after looking over the above, better phone me at once, because I am selling them very rapidly.

J. C. WILBORN, REAL ESTATE

YORK, SOUTH CAROLINA

FOR HOMES OR FOR INVESTMENT LANDS OF ESTATE OF T. W. McELWEE AT BARGAIN PRICES DESIRABLE FARMS IN WESTERN YORK This Property Has Been Placed in My Hands for Sale, at Remarkably Low Figures and I am Going to Sell It.

In all there are 622 ACRES—the Old Home Place of 594 ACRES in Broad River Township, and 118 ACRES near New Zion, in King's Mountain Township. THE HOME PLACE as it stands, includes 504 ACRES, on which there is a good eight-room dwelling house, a large barn and three first-class tenant houses, with necessary outbuildings. The place has been only partly cleared, and there is on it quite a lot of fine Saw Timber and Firewood, sufficient for generations to come. Also there is a large proportion of bottom land, and enough pasture for an A-No. 1 Stock Farm of large proportions. Lacking a quick buyer for the place as a whole, the way it ought to go, I have had the whole plantation surveyed into Four Farms as follows: 1. THE HOME TRACT with residence, barn, tenant houses, cotton and corn fields, bottom, pasture and timber, containing about 280 ACRES. The buildings cannot be replaced for what I am asking for this tract. 2. ABOUT 75 ACRES, on the Chester road, with about 20 acres of good fresh land open for cultivation and the balance in timber. 3. ABOUT 108 ACRES, on Chester road, with one-horse farm recently cleared, and balance in timber, much of it original forest, easily capable of yielding enough first-class lumber to pay all I ask for the whole tract. 4. About 60 ACRES of upland and bottom, with plenty of timber, but no houses. It is cheap. IN KING'S MOUNTAIN TOWNSHIP A TRACT OF 17 1/2 ACRES, near New Zion church in King's Mountain township. There is a good 5-room house on this tract, which is partly cleared, but still has plenty of timber. Whether as a home or an investment this is good money for somebody. I MEAN BUSINESS THE OWNERS OF THIS LAND want to sell it and they have turned it over to me for that purpose. They have given it to me at prices that are reasonable and fair, and I am going to turn it loose. I would rather sell the whole business to one buyer, but if the right man does not come along quickly I am going to let it go in separate tracts. People who are looking for homes, or for a profitable investment, are advised to get busy with their investigations at once. The terms are CASH. See the land and then see me. C. F. SHERER, REAL ESTATE DEALER



MULES AND HORSES—WE ARE READY WHEN YOU ARE

ONE CAR NICE MULES, from 3 to 5 Years Old. ONE CAR MARES AND HORSES—3 to 6 Years Old. TWENTY HEAD MULES—4 to 12 Years Old. All of the above now in our Barn, and we are expecting a Car of nice HORSES AND MULES to arrive THURSDAY. Whatever you may want in Mules or Horses we believe that we can suit you in Quality, Age, Size, Style and Price. JAMES BROTHERS HORSES

How Much is Your Farm Worth?

Illustration of a man in a hat holding a document, with text: South Carolina farms can be sold to better advantage now than ever before. Crop values in 1918 increased Ninety Million Dollars. Money is plentiful. There is a demand for small farms. By subdividing your farm or idle land we can sell it at auction for you quickly and profitably. Note the prices brought by these South Carolina Farms sold through us.

Table with columns: Date of Sale, Owner, Location, Amt. Sold. Includes entries for C. O. Dixon, H. N. Singletary, Durant, Horton & Floyd, Mrs. Mary J. Harrell, J. D. Coker, F. L. & John Wilcox, W. T. Wilkins, York Real Estate Co., Catawba Real Estate Co.

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