

DEEPEST OF MINES

Morro Velho, Located in the Gold Belt of Brazil.

Was First Worked by Portuguese Discoverers in 1699—Combined Depths of Connected Shafts Have Reached 5,824 Feet.

In a recent bulletin of the Pan-American Union there is an account of the world's deepest mine, written by Benjamin Le Roy Miller of Lehigh University and Joseph T. Singewald, Jr., of Johns Hopkins. The mine is the Morro Velho, in the gold belt of Brazil, where the Portuguese were first induced to settle by the discovery of the yellow metal. The first gold was discovered in 1699, near the present city of Ouro Preto. The gold was coated with a black substance and hence was called "ouro preto"—black gold. The city which they founded was called Villa Rica de Ouro Preto—the Rich City of Black Gold—a name which was somewhat cumbersome even for the Portuguese, so they finally shortened it to just Ouro Preto, the name by which it is known today. Once it was the most important city in Brazil, the valuable metal being obtained from the gravel of almost every stream in the region. Not only the stream gravels yielded gold, but many gold-bearing quartz veins were worked.

Just when the Morro Velho mine was first opened is not known, but it was being operated toward the close of the eighteenth century, and considerable work had been done when the present company obtained control of it in 1834. The ore body consists of a great vein of unusual persistence and regularity that dips into the earth at an angle of about 45 degrees. It may be likened to a gigantic knife blade, held vertically and thrust into the earth at this angle, with the point still lower than the present deepest workings. And it is these workings that make the mine remarkable. The combined depths of the connected shafts give a total of 5,824 feet. In other words, here is a gold mine that is being worked at a depth of more than a mile below the surface of the earth.

The rock temperatures increase as the earth's crust is penetrated, in some regions the increase being as much as one degree Fahrenheit for each fifty to sixty feet increase in depth. At this rate the temperature at the bottom of this mine would be over 100 degrees higher than at the surface, and fried ham and eggs might be prepared for the miners without any other heating apparatus than the loose rocks lying about. Incidentally

miners would be going through the frying process, too. Fortunately, however, in this mine the rate of increase of temperature is only one degree for every 100 to 120 feet, giving the rocks a temperature of only 112 degrees. By forcing cooled air down into the mine by means of fans the temperature is lowered to a little less than 100 degrees. Even at that it is rather snug and the miners usually wear only shoes, donning trousers when company is expected. The mine has produced a total of about \$55,000,000 worth of gold, and is being worked now at a profit of something more than \$700,000 annually.

MORE THAN SHE COULD STAND

"Scan'lous" Remark Made by Young Colored Husband Was Responsible for His Black Eye.

Bob Gibbs, a good-natured and industrious young negro, had brought about the arrest of his new wife. In the testimony it was shown that the girl had spent all she could lay her hands on for dress and self-ornamentation. Her home and husband had suffered in consequence. An altercation had taken place, and the wife had blacked her better half's already dusky eye.

The judge ordered Matty Gibbs to stand up.

"Do you think more of your clothes than of your husband?" the court demanded sternly.

"Lawdy, jedge," Matty gasped, "I don't need no time ter 'think dat over. I done cotched him wid clothes, an' 'low dat's how I gotted 'trep him. No-buddy never woulda hit dat nigger ef he hadn't made some scan'lous remarks 'bout green not goin' wid coal-color."—Case and Comment.

Not Up on Poultry.

On board of one of his majesty's ships two seamen were hotly engaged in an argument as to the class of animal a hog belonged, one of them asserting it was a sheep and the other equally certain it was a pig.

Not being able to agree, one of them turned to an old salt, who was standing close by, saying:

"Here, bill, you've knocked about a bit. What is a hog? Is it a pig or a sheep?"

Whereupon Bill, after due consideration, replied:

"Well, to tell the truth, chummy, I don't know much about poultry."—London Tit-Bits.

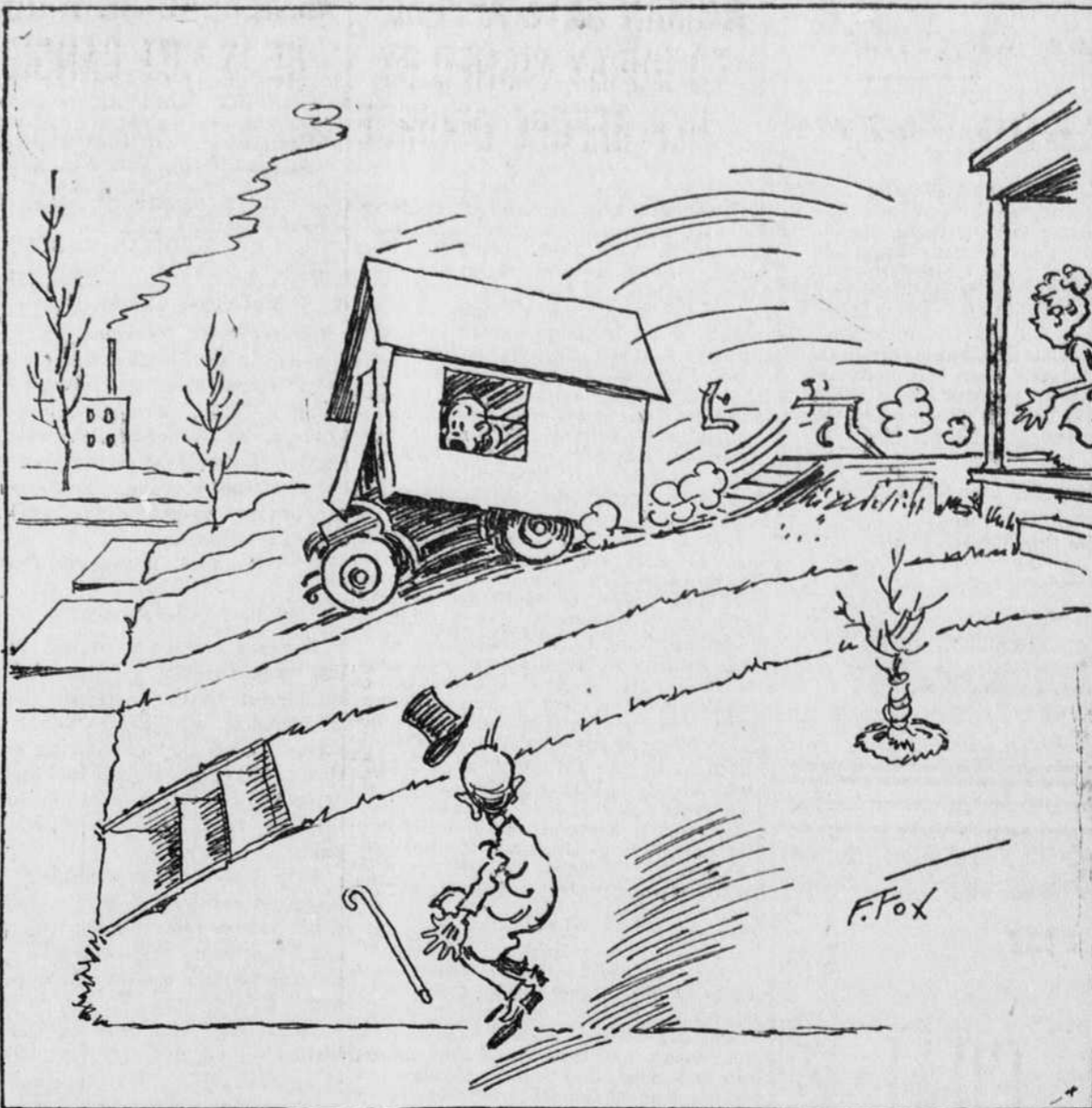
On the Diamond.

Dorothy—You say it was their diamond wedding?

Marion—Yes; they were married in the baseball park.

As a rule the world never sympathizes with the married man whose nose is against the grindstone.

The Portable Garage Justified Its Name When Willie Finally Succeeded in Starting His Dad's Car.



WILSON TRADUCER SCORED BY MANN

Republican House Leader Assails Anti-Preparedness Advocate for Attacking President.

Washington, D. C., Jan. 31.—Republican Leader Mann came to the defense of President Wilson in the House late yesterday, when Representative Dies, of Texas, leader of the anti-preparedness democrats, attacked the president's New York speech on national defense. Mr. Mann rebuked Mr. Dies for making any remarks about the president's views before the latter had completed his speaking tour, and declared that his only defense for changing his position on preparedness was that he believed he was right.

"With the possibility of the danger which prevails," Mr. Mann declared, "we will meet the situation, we will rise to our responsibilities and pull this nation in a position where it can protect itself against any foreign foe."

Tempestuous applause broke from all sides of the chamber.

"I do not know whether I have changed my mind since a year ago, but I would not be ashamed to know that the situation has been changed."

"I do not believe in a great standing army, nor the permanent necessity of a great navy, but I do believe that a great country like ours, that refuses to consider a situation today because of its beliefs in the past, has not the real right to remain at peace and will not be able to do so."

"The president ought to know more about this situation than any member of this House. And now that he is going about the country to state his case, it would be more becoming to members of his own party to await his statement, at least, before attacking him."

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ENTRANCE TO BALTIC STREWN WITH MINES

Great Britain Warns Neutral Vessels of Danger in Attempt to Pass.

Washington, Jan. 31.—Great Britain is sowing mines so thickly at the entrance to the Baltic sea that it is now practically impassable except to the vessels under the guidance of official pilots.

Consul General Skinner at London reported today that the admiralty had not notified him of the location of a new mine field in the Baltic near the sound across the channel southwest of Drogden Light vessel, just off Danish waters. Obstructions to navigation also have been placed between the Danish territorial waters and the German coast southeast of Rixhoff.

Whether these precautions are deterrent to Great Britain's reported intention of declaring an actual blockade of her enemies is not known to officials here.

MAD GUNMAN SHOTS DOWN FOUR PERSONS

Would-Be Slayer Then Escapes—Thought to Have Used Silencer on Pistol.

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REPORTED HUGHES WILL NOT ACCEPT

Unnamed Republican Leader Says Justice Soon Will Declare Himself Out of It.

Washington, Jan. 31.—Associate Justice Hughes of the supreme court will soon make a public declaration that he will not accept the republican nomination for president under any circumstances, according to a western republican leader who has been interested in "smoking Hughes out."

The authority for this statement, who would not permit himself to be quoted by name, said he and his friends recently undertook to sound Mr. Hughes to discover whether he would accept the nomination if it should come to him as the free will offering of the republican convention.

The justice, it is alleged, made it clear if he were nominated he would be compelled to reject the honor.

Mr. Hughes is represented as asserting the impropriety of a supreme court justice permitting himself to be considered as a possible presidential candidate. It would drag the court into politics and establish a dangerous precedent, he said. He hoped to see the day when no one would think of suggesting a supreme court justice for political preferment.

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BILIOUS, HEADACHY, SICK "CASCARETS"

Gently cleanse your liver and sluggish bowels while you sleep.

Get a 10-cent box.

Sick headache, biliousness, dizziness, coated tongue, foul taste and foul breath—always trace them to torpid liver; delayed, fermenting food in the bowels or sour, gassy stomach.

Poisonous matter clogged in the intestines, instead of being cast out of the system is re-absorbed into the blood. When this poison reaches the delicate brain tissue it causes congestion and that dull, throbbing, sickening headache.

Cascarets immediately cleanse the stomach, remove the sour, undigested food and foul gases, take the excess bile from the liver and carry out all the constipated waste matter and poisons in the bowels.

A Cascaret to-night will surely straighten you out by morning. They work while you sleep—a 10-cent box from your druggist means your head clear, stomach sweet and your liver and bowels regular for months. Adv.

The Advantage.

"Hearing these high-priced opera singers on the phonograph is almost as good as hearing them on the stage."

"Better. You can shut them off whenever you like on the phonograph."

A GLASS OF SALTS WILL END KIDNEY-BACKACHE

Says Drugs Excite Kidneys and Recommends Only Salts, Particularly If Bladder Bothers You.

When your kidneys hurt and your back feels sore, don't get scared and proceed to load your stomach with a lot of drugs that excite the kidneys and irritate the entire urinary tract. Keep your kidneys clean like you keep your bowels clean, by flushing them with a mild, harmless salts which removes the body's urinous waste and stimulates them to their normal activity. The function of the kidneys is to filter the blood. In 24 hours they strain from it 500 grains of acid and waste, so we can readily understand the vital importance of keeping the kidneys active.

Drink lots of water—you can't drink too much; also get from any pharmacist about four ounces of **Jad Salts**; take a tablespoonful in a glass of water before breakfast each morning for a few days and your kidneys will act fine. This famous salts is made from the acid of grapes and lemon juice, combined with lithia, and has been used for generations to clean and stimulate clogged kidneys; also to neutralize the acids in urine so it no longer is a source of irritation, thus ending bladder weakness.

Jad Salts is inexpensive; cannot injure; makes a delightful effervescent lithia-water drink which everyone should take now and then to keep their kidneys clean and active. Try this, also keep up the water drinking, and no doubt you will wonder what became of your kidney trouble and backache.—Adv.

Never Tasted Any.

Officer—I want a man to go around and buy some good horses, sergeant. Are you—er—anything of a judge of horse flesh?

Sergeant—I dunno, sir. I've never tasted any.

SYRUP OF FIGS FOR A CHILD'S BOWELS

It is cruel to force nauseating, harsh physic into a sick child.

Look back at your childhood days. Remember the "dese" mother insisted on—castor oil, calomel, cathartics. How you hated them, how you fought against taking them.

With our children it's different. Mothers who cling to the old form of physic simply don't realize what they do. The children's revolt is well-founded. Their tender little "insides" are injured by them.

If your child's stomach, liver and bowels need cleansing, give only delicious "California Syrup of Figs." Its action is positive, but gentle. Millions of mothers keep this harmless "fruit laxative" handy; they know children love to take it; that it never fails to clean the liver and bowels and sweeten the stomach, and that a teaspoonful given today saves a sick child tomorrow.

Ask at the store for a 50-cent bottle of "California Syrup of Figs," which has full directions for babies, children of all ages and for grown-ups plainly on each bottle. Adv.

Many a man asks questions merely for an excuse to answer them himself.

Not Gray Hairs but Tired Eyes make us look older than we are. Keep your eyes young and