The Largest Oil Well Shot.

A large shot was recently exploded in an oil well in the Allegheny oil field. It consisted of 400 quarts of nitroglycerin loaded in 20 shells, each shell being 7 inches in diameter by 20 inches long. The well was 1,400 feet deep, and the nitroglycerin was tamped with 30 barrels of water and 75 feet of oil. The "go-devil" was dropped, but for fully a minute there was no sound, then a column of water rose from the hole to a height of 75 feet, where it spread out. This was followed by a mighty roar and the discharge of oil, rocks and water to a height of 150 feet. This is believed to be the largest oil well shot on record.

My Hair

"I had a very severe sickness that took off all my hair. I purchased a bottle of Ayer's Hair Vigor and it brought all my hair back again."
W. D. Quinn, Marseilles, Ill.

One thing is certain,—Ayer's Hair Vigor makes the hair grow. This is because it is a hair food. It feeds the hair and the hair grows, that's all there is to it. It stops falling of the hair, too, and always restores color to gray hair.

$1.00 a bottle. All druggists.

If your druggist cannot supply you, send us one dollar and we will express you a bottle. Be sure and give the name of your nearest express office. Address, J. C. AYER CO., Lowell, Mass.

FREE! TO WOMEN
A Large Trial Package of

PAXTINE TOILET ANTISEPTIC

A NEW SPECIALTY FOR WOMEN.

Internal cleanliness is the key to woman's health and vigor. Inflammation, Soreness, Pelvic Catarrh cannot exist with it.

Paxtine used as a vaginal douche is a revelation in combined cleansing and healing power. It kills all disease germs. In local treatment of female ills it is invaluable. Heals Inflammation and cures all discharges. Never fails to cure Nasal Catarrh. Cures offensive perspiration of arm pits and feet. Cures Sore Throat, Sore Mouth and Sore Eyes. **As a tooth powder nothing equals it.** Removes Tartar, Hardens the Gums and whitens the teeth, makes a bad breath sweet and agreeable.

Thousands of letters from women prove that it is the greatest cure for Leucorrhœa ever discovered. We have yet to hear of the first case it failed to cure.

To prove all this we will mail a large trial package with book of instructions **absolutely free.** This is not a tiny sample, but enough to convince anyone. **At druggists or sent postpaid by us, 50 cts. large box. Satisfaction guaranteed. The R. Paxton Co., Dept. , Boston, Mass.**

Ripans Tabules are the best dyspepsia medicine ever made. A hundred millions of them have been sold in the United States in a single year. Every illness arising from a disordered stomach is relieved or cured by their use. So common is it that diseases originate from the stomach it may be safely asserted there is no condition of ill health that will not be benefited or cured by the occasional use of Ripans Tabules. Physicians know them and speak highly of them. All druggists sell them. The five-cent package is enough for an ordinary occasion, and the Family Bottle, sixty cents, contains a household supply for a year. One generally gives relief within twenty minutes.

The University of Notre Dame
NOTRE DAME, INDIANA.

FULL COURSES IN Classics, Letters, Economics and History, Journalism, Art, Science, Pharmacy, Law, Civil, Mechanical and Electrical Engineering, Architecture, Thorough Preparatory and Commercial Courses.

Rooms Free to all students who have completed the studies required for admission into the Sophomore, Junior or Senior Year of any of the Collegiate Courses.

Rooms to Rent, moderate charge to students over seventeen preparing for Collegiate Courses.

A limited number of Candidates for the Ecclesiastical state will be received at special rates.

St. Edward's Hall, for boys under 13 years, is unique in the completeness of its equipment.

The 60th Year will open September 8, 1903. Catalogues Free. Address
REV. A. MORRISSEY, C. S. C., President, Box 103.

TARRANT'S SELTZER APERIENT

The Cooling Effervescent
For Prickly Heat, Stomach Disorders, Headaches, Constipation.

Used by American Physicians since 1846. *"It's good for children too"* The Tarrant Co., New York

OHIO FARMS FOR SALE.
Descriptive catalog showing photos, free, for the asking. J. M. HARVEY, Jefferson, Ohio.

I PAY SPOT CASH FOR MILITARY BOUNTY **LAND WARRANTS** issued to soldiers of any war. Write me at once. FRANK H. REGER, Barth Block, Denver, Colo.

DROPSY NEW DISCOVERY; gives quick relief and cures worst cases. Book of testimonials and 10 days' treatment Free. Dr. H. H. GREEN'S SONS, Box B, Atlanta, Ga.

If afflicted with weak eyes, use **Thompson's Eye Water**

DEMAND FOR ICE COOLERS.

The Little Old-Fashioned Tanks Go to Country Shops.

"There is still a demand for the little old-fashioned tin ice coolers, painted in gay colors on the outside," said a manufacturer of the ice tanks in West Broadway, "but we don't sell many of them in New York any more. They go to country stores and little ice cream shops in the suburbs. Time was when almost every store and every office in a downtown building had one of those tin ice coolers on a shelf in a corner. Then men began to order wooden ice coolers lined with zinc. It was too much trouble to fill the little ones two or three times a day. But the little ones were the more sanitary. It was so easy to lift them down and rinse them out. An ice water tank should be cleaned every day if persons compelled to drink out of it want to keep healthy. I am afraid that employes who have to fill up the big fellows before the boss gets down in the morning take long chances. But the whole business has changed. Butchers, grocers and fruiterers in modern uptown stores have their ice chest built by contract, with the rest of their fittings, and have a little tank built in it that is surrounded by ice in which to keep cool water for their customers. In downtown office buildings tenants have iced water constantly on tap from faucets. It is not always very cold, but it is better than ordinary Croton water, and it saves the tenant an ice bill. In many of the swell suites of offices they have means of cooling huge jars of hygienic water for a large staff of clerks and a zinc safe that will hold a siphon or two of carbonic (and perhaps a drop of something to put in it) for the president or manager of the company. Men deliver this water and take away empties every morning just as they do in residences in the uptown district."

GEM THEFT MYSTERY SOLVED.

Diamonds That Were Lost for Three Years Found.

The mystery of the Clogan diamonds, valued at over a thousand dollars, and missing for the past three years, was cleared up at Lafayette, Ind., in the arrest of Walter Clogan, or Russell, as he often styles himself. He is the stepson of Newton Clogan, owner of the diamonds. Three years ago the Clogan home, four miles west of here, was entered and robbed. A trunk belonging to the old man, and known to contain valuables, was rifled and its contents strewn about the floor. The mystery was never solved. Walter Clogan stole the gems from his mother, and he was arrested. The police have not investigated the manner in which the gems came into the possession of Mrs. Clogan. A ring, which was the most valuable of the lot, proved the downfall of its unlawful possessor. When young Clogan went to a second hand store with his diamonds, the keeper, grew suspicious and called the police. After a chase of several blocks Clogan was captured.

Not to Blame.

Chief Justice John Marshall knew that water would tighten a tire on a wheel, and, when he once found a wheel loose, he drove into a little creek. This wet one part of the wheel. Then he drove out and backed the horse. The same part of the wheel went into the water again. Again he tried it, all the time getting the same part of the wheel wet. A colored man came along, and, seeing the situation, told the Judge to drive into the water again. Then he took hold of a spoke, turned it around, and soon had all the wheel wet. Judge Marshall said: "Why, I never thought of doing that." The colored man smilingly replied: "Well, some people nat'ly have more sense than some others, anyhow."

India's Wheat Crop.

The final estimate on the wheat crop of India for the present season places the same at 300,000,000 bushels. The exports from that country were at their lowest in 1900 and 1901, the year of the last famine, when 93,000 bushels were sold. The exports for the current season are about 20,000,000 bushels. The yield to the acre during the past year runs from three bushels in Berar to 16 bushels in the United Provinces. The price of wheat is lower everywhere in India at the present time than in any season since 1899.

A turbine engine for transatlantic business will be fully tested by Sir Christopher Furness.

FITS permanently cured. No fits or nervousness after first day's use of Dr. Kline's Great Nerve Restorer. $2 trial bottle and treatise free. Dr. R. H. KLINE, Ltd., 931 Arch St., Phila., Pa.

Eighty-five per cent of the children of Japan are now in school.

Ask Your Dealer For Allen's Foot-Ease. A powder to shake into your shoes; rests the feet. Cures Corns, Bunions, Swollen, Sore, Hot, Callous, Aching, Sweating Feet and Ingrowing Nails. Allen's Foot-Ease makes new or tight shoes easy. At all druggists and shoe stores, 25 cents. Sample mailed FREE. Address Allen S. Olmsted, LeRoy, N. Y.

Automobile building gives employment to 20,000 persons in France.

How's This?

We offer One Hundred Dollars Reward for any case of Catarrh that cannot be cured by Hall's Catarrh Cure.
F. J. CHENEY & Co., Toledo, O.

We, the undersigned, have known F. J. Cheney for the last 15 years, and believe him perfectly honorable in all business transactions and financially able to carry out any obligations made by their firm.
WEST & TRUAX, Wholesale Druggists, Toledo, Ohio.
WALDING, KINNAN & MARVIN, Wholesale Druggists, Toledo, Ohio.

Hall's Catarrh Cure is taken internally, acting directly upon the blood and mucous surfaces of the system. Testimonials sent free. Price, 75c. per bottle. Sold by all Druggists. Hall's Family Pills are the best.

An air brake for automobiles has been perfected.

Mrs. Winslow's Soothing Syrup for children teething, softens the gums, reduces inflammation, allays pain, cures wind colic. 25c. a bottle

An elephant's jaw has been unearthed in Halleck Canyon, Wyoming.

Piso's Cure cannot be too highly spoken of as a cough cure.—J. W. O'BRIEN, 322 Third Avenue, N., Minneapolis, Minn., Jan. 6, 1900.

Thirteen new theatres, to cost $8,000,000, are building in New York City.

The Making of Railroad Curves.

By M. G. Cunniff.

GEORGE PULLMAN once said, when asked the secret of easy riding, that the secrets are so many that no one can keep them. This is true, but the easing of curves is one of them.

Curves, no matter how slight, have always been laid as arcs of true circles. The outer rail is raised according to the sharpness of the curve and the estimated speed of trains that are to round it. A mile-a-minute train on a one degree curve needs an outer rail five inches higher than the inner rail; a slower train a lower elevation. It is clear from this explanation that a train going faster than the maximum for which the track is prepared would shoot off the rails. Conversely, a slower train than the one provided for would grind the flanges off its wheels. Any road must strike a serviceable average for trains of varying speeds, and engineers must nurse their locomotives around the curves as close to it as possible. That puts an inevitable check on high speeds. The Empire State Express once made a burst for two miles at the rate of 102 miles an hour on a straightway section of track. A heavy curve would have shot the engine at that top speed a quarter of a mile 'cross country. On most roads, however, sixty miles an hour is quite safe, though very costly.

To permit such speed the engineers of the last few years, in relaying tracks, instead of starting a true circle curve with the sudden lift of the outer rail that causes the jolt and lurch that travelers know, have laid a slight parabolic curve from a point a hundred yards back on the straight track, and have elevated the outer rail imperceptibly along that curve to the maximum. The result of the device—in practice quite new—has been the annihilation of curves as regards a passenger's senses. With eyes shut he cannot tell whether the track is straight or curved.—World's Work.

The Climax of Napoleon's Follies.

By Goldwin Smith.

BUT of all Napoleon's insanities, for they were nothing less, the climax was the invasion of Russia. What motive can he have had for this, saving delirious ambition, and what was also undoubtedly strong in him, sheer love of the bloody game of war? He evidently reckoned on encountering the Russian army of defense nearer the frontier, winning an Austerlitz or a Jena, dictating terms as he had dictated them to Austria or Prussia, and returning to Paris in triumph. He was deceived in the character of his enemy. He tried in vain to force a battle at Smolensko. The Russians, instead of fighting him near the frontier, retreated before him, gave up their country to his ravages, compelled him to make a march in which he lost a great part of his enormous host, and after handling him very severely at Borodino, evacuated Moscow, leaving it in flames. They then refused to treat with him. He had consequently to decamp without having provided for retreat or subsistence. He lost almost his entire army in the wintry wastes, and but for the extraordinary conduct of Kutusoff in letting him and his guard pass unopposed, would himself have fallen into the hands of the enemy. This error was on a far more imposing scale and more tragical than any blunder of Beaulieu or Mack. But was it less of a blunder, or less of a detraction from the reputation of the man of action or even from that of the commander? It is frightful to think what power a despot has for evil. There was probably not a soul on either side, saving Napoleon himself, who desired the Russian expedition.—The Atlantic.

The Development of the Racing Hull.

By John R. Spears.

PREDICTIONS are made that as an experiment in the shapes of hulls the races of this year are to be of greater interest than any ever held.

In the races of the Galatea period the stem rose vertically out of the water, while the stern overhung the water by a few feet. A broadside view of either of them showed a lateral plane that looked like a sled runner cut from a plank by a country boy. Seen from another point of view the bow of the yacht was found to be a vertical wedge, thin and sharp, like the blade of a woodman's ax; and it was a question among builders whether the wedge should have lines like an ax or hollow lines like a razor. The stern below the waterline was also something of a vertical wedge, though a blunter one than the bow. In general dimensions the Galatea was 102 feet long over all, eighty-seven feet on the waterline, fifteen feet wide, perhaps ten feet deep below decks, and her draught was thirteen feet six inches. Her successful opponent, the Mayflower, was 100 feet long over all, was twenty-three feet wide, and was perhaps seven feet deep under the deck, and she drew ten feet of water.

With these facts in mind we can see how far we have traveled in changing the shapes of boats of that class. For Shamrock III., though but three feet longer on the waterline, is 140 feet long over all. The old boat had an overhang of fifteen feet, all of which was aft, while the new boat has an overhang of twenty-five feet at each end. The new defender, when compared with the Mayflower, shows almost exactly the same changes in length.

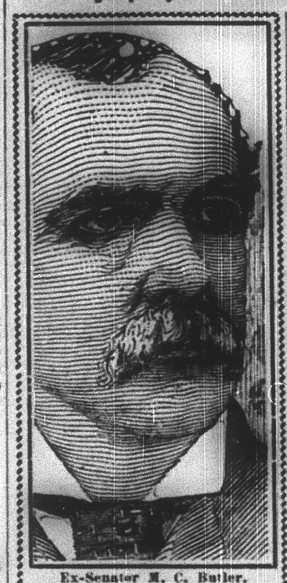
Roughly speaking each end of the old yachts was a wedge that rode the water with its edge perpendicular. The forward half of Shamrock III. is not unlike the half of a cone split lengthwise, while the stern half is drawn out into a long, thin, horizontal wedge—a wedge with its edge laid parallel with the water. At the stern the challenger is a scow. The Reliance, however is a scow at both ends, in spite of the fact that her bow comes to a point above water. Each end presents a fine horizontal wedge to the water, and therefore in every sailing line she is a scow. We used to stand in front of a yacht and marvel at the thinness of the vertical wedge. Now we stand off abeam and look with delight at the sweep of the fore and aft lines. One sees at a glance why the modern hull is more easily, and therefore more swiftly, driven through the water. The modern hull presents fine or acute angles to the water, where the old hull presented wide or obtuse angles.—The World's Work.

If Women Were Men.

By W. D. Howell.

ONE often hears the expression in women: "Oh, if I were only a man!" "I should just like to be a man, once!" I would give anything to be a man!" In all honesty, then, or in as much honesty as she is obliged to have, is not woman, when she is thinking of living her life over again, thinking of living a man's life? Is not she wishing to set an example to her husband, who has shown himself so little able to set an example to her, and for whose discipline she is believed oftenest to indulge what seems a vain aspiration? A very strange thing in regard to this is that men are never heard sighing to be women. The weakest, the unhappiest, the most abject of men is not known to wish himself a woman, and when he considers living his life over again it is certainly a man's life that he has in mind. He is perfectly willing to allow that a woman is much better by nature, wiser by teaching, sweeter, livelier, gentler, and yet he does not ask to change his lot with hers; if he were a beggar, and she a queen, he would not. He is found saying, in print and out of it, that women have by far the safest, easiest and pleasantest time of it, but still, somehow, he does not envy them enough to offer changing places with them. He will tell them, as he has often told them, that they are the real rulers of the world, and that in the sacred quality of daughter, wife and mother they are the holiest beings on earth; he bows down in worship of them, but he leaves them their altar. He does not think it any great thing to be a man, but he is not surprised that the objects of his idolatry should sometimes declare themselves eager to descend from their high places and be men, in the dust and grime of affairs, the din and heat of battle, and the wild, useless efforts to escape from the struggle of life. He understands that they wish to be men in order to show men what men ought to be, and would be if they were women, and that they are not meaning permanently to be men, and he forgives to their ignorance and inexperience what he could not otherwise account for. He forgives it with a smile, and possibly with a chuckle.

U. S. SENATOR FROM SOUTH CAROLINA
Recommends Pe-ru-na
For Dyspepsia and Stomach Trouble


Ex-Senator M. C. Butler.

If you do not derive prompt and satisfactory results from the use of Peruna, write at once to Dr. Hartman, giving a full statement of your case and he will be pleased to give you his valuable advice gratis.

Address Dr. Hartman, President of The Hartman Sanitarium, Columbus, Ohio.

Catarrh of the Stomach is Generally Called Dyspepsia—Something to Produce Artificial Digestion is Generally Taken.

Hence, Pepsin, Pancreatin and a Host of Other Digestive Remedies Have Been Invented.

These Remedies Do Not Reach the Seat of the Difficulty, Which is Really Catarrh.

EX. U. S. Senator M. C. Butler, from South Carolina, was Senator from that State for two terms. In a recent letter to The Peruna Medicine Co., from Washington, D. C., says:

"I can recommend Peruna for dyspepsia and stomach trouble. I have been using your medicine for a short period and I feel very much relieved. It is indeed a wonderful medicine besides a good tonic."—*M. C. Butler.*

The only rational way to cure dyspepsia is to remove the catarrh. Peruna cures catarrh. Peruna does not produce artificial digestion. It cures catarrh and leaves the stomach to perform digestion in a natural way. This is vastly better and safer than resorting to artificial methods.

Peruna has cured more cases of dyspepsia than all other remedies combined, simply because it cures catarrh wherever located. If catarrh is located in the head, Peruna cures it. If catarrh has fastened itself in the throat or bronchial tubes, Peruna cures it. When catarrh becomes settled in the stomach, Peruna cures it, as well in this location as in any other.

Peruna is not simply a remedy for dyspepsia. Peruna is a catarrh remedy. Peruna cures dyspepsia because it is generally dependent upon catarrh.

CLIMBED MT. RANIER.

Apparently Impossible Feat Accomplished by Mountaineers.

A sensational ascent of Mount Ranier, Washington, has been made by Dr. W. R. Betts, of New Orleans, and H. M. Sarvant, of Tacoma, Betts coming from New Orleans with the object of disproving the general belief that the mountain has been unsurmountable for years, since avalanches broke off the great ledges of rock above Gibraltar, which climbers formerly depended on. Leaving Paradise valley they camped for the night at Muir, but terrific winds prevented sleeping. Starting at three as they reached Gibraltar Back only to find glaciers above all but impassable using ropes and cutting more than 500 steps in ice they made long detours around crevasses, finally gaining a sure footing. They reached the summit at 11 a. m., and visited all three craters. They found no evidence of recent volcanic activity, though sulphur fumes and steam are still rising.

In one of the streets of Vienna workmen have dug up part of the stone flooring of a Roman house dating from the third century.

An Awkward Moment.

There is a story which Sir Edward Malet recalls of a situation hardly equaled in fiction. A certain Cardinal at an evening party, when pressed by an admiring circle of ladies to say whether he had ever received any startling confessions, replied that the first person who had come to him after he had taken orders desired absolution for a murder which he confessed to having committed. A gentle shudder ran through the frames of the audience. This was turned to consternation when, ten minutes later, an elderly Marquis entered the apartment and eagerly claimed acquaintance with the Cardinal. "But I see Your Eminence does not remember me," he said. "You will do so when I remind you that I was the first person who confessed to you after you entered the service of the Church!"

Thirty Years Under the Sea.

A section of cable in the Caribbean Sea was recently raised from 1,350 fathoms of water, where it has lain for 30 years. Tests showed its core to be in perfect electrical condition and the rubber insulator uninjured. A fear that sulphur from the rubber might injure the copper wire had no foundation.

COMPELLED TO USE A CRUTCH FOR EIGHT MONTHS. DOAN'S KIDNEY PILLS CURED MRS. P. CONLIN, CARBONDALE, PA.

Mrs. P. Conlin, 82 Greenfield Avenue, Carbondale, Pa., says: "I suffered with backache, and, despite the use of medicines, I could not get rid of it. I was compelled to use a crutch for eight months, and a part of the time was unable to walk at all. I fairly screamed if I attempted to lift my feet from the floor, and, finally, I lost control of my limbs through weakness, so I could neither bend nor straighten up to my full height, and if ever a woman was in a serious condition, I was. My husband went to Kelly's drug store and brought home a box of Doan's Pills. I felt easier in a few days, and, continuing the treatment, I was soon able to walk. At the end of two weeks the pains in my loins left. When I had completed the treatment, I had not an ache nor a pain, and I have been in that condition ever since.

Doan's Kidney Pills. PRICE 50 CENTS. A SPECIFIC FOR KIDNEY COMPLAINTS.
NAME
P. O.
STATE
For free trial box, send this coupon to Foster-Milburn Co., Buffalo, N. Y. If above name is insufficient, write address on separate slip.

Aching backs are eased. Hip, back, and loin pains overcome. Swelling of the limbs and dropsy signs vanish.

They correct urine with brick dust sediment, high colored, pain in passing, dribbling, frequency, bed wetting. Doan's Kidney Pills remove calculi and gravel. Relieve heart palpitation, sleeplessness, headache, nervousness, dizziness.

WITH NERVES UNSTRUNG AND HEADS THAT ACHE
WISE WOMEN BROMO-SELTZER TAKE
TRIAL BOTTLE 10 CENTS

BEST FOR THE BOWELS
Cascarets
CANDY CATHARTIC
THEY WORK WHILE YOU SLEEP

GUARANTEED CURE for all bowel troubles, appendicitis, biliousness, bad breath, bad blood, wind on the stomach, blighted bowels, foul mouth, headache, indigestion, pimples, pains after eating, liver trouble, sallow skin and dizziness. When your bowels don't move regularly you are sick. Constipation kills more people than all other diseases together. It starts chronic ailments and long years of suffering. No matter what ails you, start taking CASCARETS today, for you will never get well and stay well until you get your bowels right. Take our advice, start with Cascarets today under absolute guarantee to cure or money refunded. The genuine tablet stamped C C C. Never sold in bulk. Sample and booklet free. Address Sterling Remedy Company, Chicago or New York. 508

Your Liver
Is it acting well? Bowels regular? Digestion good? If not, remember Ayer's Pills. The kind you have known all your life. J. C. Ayer Co., Lowell, Mass.

A Money Making Opportunity
An old established Chicago firm wants young men of good habits, sober, industrious and able to furnish references, to travel and take orders. Good pay and rapid advancement to hustlers.
CHICAGO PORTRAIT CO., Dept. O, Chicago.

Want your moustache or beard a beautiful brown or rich black? Use **BUCKINGHAM'S DYE**

P. N. U. 33, '03.

PISO'S CURE FOR CURES WHERE ALL ELSE FAILS. Best Cough Syrup. Tastes Good. Use in time. Sold by druggists. CONSUMPTION