SOLVES PUZZLING COB MYSTERY

Corncobs Play Important Role Gas Manufacture-We'll Be "Making Our Own Soon."

We now know where the corncobs go and why Missouri meerschaums have been advanced in price. Corncobs are used in the process of manufacturing gas in the plant which the city will formally take over on—July I.

After the gas has been made according to formulae, based on chemical reaction, it is put through

a purifying house, where wet corn-cobs covered with iron ore take up the impurities, chiefly sulphur and tar. Thus the humble corncob has found its place in science. There is a series of pits where the gas goes through this purifying process be-fore being sent through the mains to householders. At intervals these pits are cleaned out and the used

corncobs replaced by a fresh supply. Municipal ownership of the gas plant will be accomplished within a few weeks, the city to pay \$4,500,000 for the plant and approximately \$300,000 for improvements since 1918, supplies and materials, and for other items. The Metropolitan Water board will have control of

The manufacture of gas will be a matter of more public concern when the city sells gas to itself. The gas made at the plant of the Omaha Gas company is known 'as enriched water gas, coke, steam and gas oil being the ingredients, mixed according to formula.

Gas Making "Mysterious." "It is all done by chemical reaction, and the science of making gas is an exact science," said Sidney C. Singer, superintendent of distribution, as he directed a visitor through the vagaries of gas making. It seems vague to the visitor, be-cause everything is under cover and just what is going on inside of the cylindrical tanks and the many other receptacles is more or less of

mystery to the novice. The first operation in making gas is to fire a lot of coke in a fire-brick lined generator and apply air to raise the heat to 2,000 degrees. Steam entering this heat is immediately decomposed into hydrogen and oxygen, the latter combining with the carbon of the coke and forming what is known as a blue gas or carbon monoxide. The blue gas is then transferred into a carburetor, of similar size and design as the generator. This gas comes into contact with checker-brick heated to an intense degree and at this point a definite amount of gas oil is sprayed onto the brick, which are so hot that the oil instantly vaporizes, and as the blue gas passes the point of vaporaization it "picks the oily vapors and in that manner the gas attains its heating and lighting values. The gas then goes into a third cylindrical tank, a super-heater, in which the temperature is 1,400 degrees, at which heat the ele-observation in the early evening. ments are joined by what is known Jupiter sets on the 15th at 11:03 p.

It's Not Dangerous If-That sounds almost as easy as but too near the sun to be seen.

making a home brew in the basement, but there is much more to the motion of the planet Mars in respect manufacture of gas. In the intro- to the fixed star Spica. Mars will duction of the steam into the gen- move westward or retrograde until erator, and the oil into the car- the 7th, will then be stationary, and for three minutes and then oil for glimpsed on the 29th in the evening four minutes, intermittently, and it twilight. The moon will be in conjunction with Jupiter on the 19th, with Saturn on the 21st and with Mars on must be precisely so or there may be parts of the plant going through

Having the gas in the super-heater at a temperature of 1,300 to the 24th. On the 21st at 11:40 a. m. 1,400, it is then sent through water and into a condensor to be cooled the summer solstice and enters the and then into a large relief tank, sign of Cancer. The length of the Harry Weddington took a DeHaviand then into a large relief tank, where the various "batches" mix to give uniformity of quality. From the relief tank it passes through the minutes on the 1st to 15 hours 4 minutes on the 1st to 15 hours 4 minutes from the 18th to the 26th. purifying house, where impurities are released through the wet corncob and iron ore treatment already 10th to the 21st and the latest sun-

referred to.

On its journey from the super-heater, with a temperature of nearly 1,400 degrees, to the service main, with a temperature of 55 to 60 degrees, the gas eliminates byproducts, known as creosote and tar, which are carried in suspension when the gas is hot, but are released as it cools. A small per cent of this su-perfluous matter is carried with the gas into the service mains and it falls along the way into drip basins, which are emptied from time to

Four Distribution Factors. In sending the gas out to consumers there are four factors which must be watched-heat units, candle power, pressure and temperature. A storage supply of gas is held in a large tank with capacity of 1,300,000 cubic feet. Experience has given the company an estimate of the load which must be carried in the mains during certain hours of the day, and it is easily understood that the consumption is increased during the three meal-preparation periods of the day.

An average of 13,000 gallons of oil

oil, being the crude oil after the light oils have been taken off at the refineries.

Troops Patrol City to Prevent Strike Outbreaks Man, 103, Has Vanished;

 Bristol, R. I., May 29.—Troops of cavalry and coast artillery patrolled the streets of Bristol today to pre-Chicago, May 29.—Dr. Harmon Berry, aged 103, was sought by po-lice today, when his landlady re-ported that he had been missing since Wednesday and she feared vent a repetition of the rioting that occurred yesterday when striking cmployes of the National India Rubber company sought to prevent other workers from entering the

may have committed suicide.

"He owed me nearly \$400 for room and board," said Mrs. Mary J. Reynolds, with whom Dr. Berry made his home. "He slept well," During the night cavalry guards dispersed several groups of strikers near the factory. had a good appetite, possessed all his faculties and seemed to enjoy

Enjoins Denver Carmen

From Going On Strike Denver, Colo., May 20 Judge Greeley W. Whitford, in dis-trict court, today granted a tem-Denver, Colo., May Judge
Greeley W. Whitford, in district court, today granted a temporary injunction restraining employes of the Denver Tramway company from striking on June 1. The Tramway company also was enjoined from ceasing to give service.

R. B. Howell, republican national committeeman for Nebraska, will go to Chicago Sunday night to attend a meeting of the republican national committee on Monday. He will remain in Chicago until after the conjoined from ceasing to give service.

GAS PLANT VISIT Dundee School Girls Who Use No Rouge Or Face Powder Make Their Own Gowns DISAPPEARING AS



In the making of these dresses they an expensive tailor-made outfit, received practical instruction in the Alice C. Peterson, principal. time obtained dresses at costs from \$3 to \$3.50, as against average costs domestic science department, superof \$10 to \$12 in the stores. By wear- vised the sewing. The girls adopt

ments to school, these girls are exemplars in the democracy of clothes among their schoolmates. A Mildred Cassidy made a dress for girl at this school does not attain her baby sister, and Margaret Clark popularity these days by wearing a lot of expensive "duds." A home-made dress of gingham, chambray These Eighth grade girls recently

in connection with the instructions

useful art of sewing and at the same

The Heavens In June

This is a quiet month in the heav-

minutes from the 18th to the 26th.

The earliest sunrises occur from the

JUNE

MOON'S PHASES.

Howell to Chicago

Landlady Fears Suicide

9 48 4.29 11.01 10 58 5 19 11.24 12.02 6.07 Midn 0.07 6.53 12 04 2.06 7.28 12 23 3.07 8.25 1 04 4.04 9.11 1 39

4.59 9.58 2 15 5.53 10.46 2 55 6.42 11.34 3 38 7.26 Midn 4 26 8.06 13.22 5 20 8.42 1 09 6 16 9.16 1 65 7 12

sets from the 28th to July 1.

or Peter Pan cloth means more in made lingerie garments for themgiven in the domestic science work. the everyday life at this school than selves. Sewing is started in the Sixth grade at this school and cook-Alice C. Peterson, principal, has ing is taken up in the Seventn encouraged the girls in this work. grade and continued through the Lucy Harte, who has charge of the first semester of the Eighth grade, sewing being resumed in the second ing these simple and attractive gar- ed various patterns and the fabrics

Principal Peterson expects that next year the graduating class will make their own class-day dresses.

Sure Death

"Gets-It" Makes 'Em Lose Their Grip and Lift Of: Painlessly. The first thing "Gets-It" does when it lands on a corn or callus is to snuff out the pain. Then it shrivels the corn or callus and loosens it.



Soon, it is almost ready to fall off. You help it just a little by lifting it off 'twixt thumb and finger. You don't even feel it, because there is no hurt left in it. Miljoins have proved it the cleanest, surest, safest and most pleasant method.

"Gets-It," the never failing, guaranteed money-back corn remover, costs but a trifle at any drug store. Mf'd by E. Lawrence & Co., Chicago.

Sold in Omaha and recommended as the world's best corn remedy by Sherman & McConnell's Drug Co's. Stores.

French "Old Maids" Ask Exemption From Surtax On Bachelors

Paris, May 29.—The Woman's Suffrage union of France has conm., Saturn at 12:03 a. m. and Mars gratulated Finance Minister Franat 1:38 a. m. Venus is morning star, cois Marsal upon his rejection of the proposal made by certain senators that women should be exempted from the surtax on bachelors, on the theory that women who remain unmarried do not as a general rule do so of their own choice. The sufmust be observed with clockwork Spica again on the 12th.

Establishes New Record

In Four-Passenger Climb San Aantonio, Tex., May 29.— Another world's record for altitude sun reaches its highest north, is at was said to have been broken at Kelly field yesterday when Lieut. 20 minutes.

Knights of Columbus to Send Hands to Nebraska

New York, May 29 .- A working arrangement with the colonization department of the state of Nebraska is being effected by the Knights of Columbus here, by which former service men are to be put in contact with farmer employers, it was announced today.

Who Appreciates Health? Why-the Man Who Has Lost It!

He knows its comfort-its influence upon happiness-its real worth in the successful fulfillment of his dreams and ambitions.

He knows through widely disseminated dental knowledge that health is absolutely dependent upon the Teeth. Therefore the Teeth must be looked after carefully day after day-brushed regularly night and morning, and needed dentistry done.

McKenney Dentistry is the better sort-artistic and serviceable-and yet reasonable in price.

Another important feature is the make-good guarantee—if the work doesn't please you it will be changed or made over free of charge.



McKenney Dentists

1324 Farnam Street Corner 14th and Farnam Phone Douglas 2872

STOCK SALESMEN Calls On South Side MONEY TIGHTENS

Hotel Registers Show Wholesale Exodus From Omaha In Hopeful Search for "Greener Fields."

The stock-selling business in Omaha and throughout Nebraska and Iowa is reported to be in a state of violent decline. Scores of stock salesmen who a few weeks ago were doing a lucrative business in various issues of worth and worthlessness have left in search of greener fields. A few weeks ago their profits were thousands per week. Now it is

said to be practically impossible to sell a share of stock. The reasons for the sudden slump" are not difficult to find. Tightening of money has resulted in a stoppage of buying and even the throwing of many blocks of stocks on the open market.

Cases recently aired in court I'owa have exposed methods used by nany stock salesmen in a manner not likely to increase the prudent Nebraskan's confidence in the specious arguments of "blue sky" ped-

Investors Becoming Wary.

Small town bankers have also tightened up" on discounting notes given in payment for stock. Indictnents returned in some mid-western counties against stock salesmen, who are charged with making too great promises regarding stocks, have caused a further tight-Some highly-capitalized companies

n this part of the country have re- of the county commissioners' office. ently been involved in serious difficulties, notably the Midland Packing hearings in Denver and Cheyenne company of Sioux City and the As-sociated Packing company at Des cach city.

So, now, the registers of Omaha

Friends; Car Stolen, Police Recover It

Mrs. E. C. Henry, 102 North Fiftyseventh street, was visiting on the South Side Friday afternoon. When she started home she found her automobile had been stolen. She notified police, who at once promoted the theory the highwaymen who attempted to rob the Ral ston bank Friday, had stolen the

car for their escape.
They finally located Mrs. Henry' car about one mile east of Ralston, somewhat the worse for wear. It was not the one used by the bank

Wants City to Advertise

For Proposals From Banks City Commissioner Butler has ofcred the city council for consideraion next Tuesday morning a resolution which provides the city shall advertise for proposals from banks which wish to be depositories of city some of them crying aloud. Mr.

The commissioner asserted banks now carrying city funds are paying only 2 per cent and that there desig-nation has not been determined by competitive bids, as should have

"They are paying the city 2 per cent," he said, "and when it comes to a matter of financing necessary paving work for the contractors they refuse to help," Mr. Butler

Great Lakes Commission

Hearing In Omaha Tuesday ommission on the Great Lakes-St. ening of the purse strings in the a telegram to the Omaha Chamber of Commerce yesterday. Sessions will be held in the assembly room

Only 800 Guns Destroyed

the smooth-tongued gentlemen mitted a statement to the allied conwith the bright promises and stock trol commission declaring that a charge of shooting with intent to certificates have departed for fields 23,000 pieces of German artillery reof a more emerald hue, if such there main to be destroyed and that 800 tentiary for one to 20 years. can be anywhere in this stock saturated have already been broken up, according to the Echo de Paris. be anywhere in this stock saturated have already been broken up, ac-land. cording to the Echo de Paris.

JUVENILE HOME **HEAD DIES FROM BULLET WOUNDS**

J. L. Sexton Dies During Relapse Following Shooting by Negro Sentenced to Penitentiary.

L. Sexton, superintendent of Riverview Detention home and an officer of the juvenile court for four years, died at Wise Memorial hospital \$ 9:30 a. m. yesterday from the effects of a bullet fired by a negro highwayman the night of

Announcement of Mr. Sexton's death was made while juvenile court was in its weekly session. For several moments work stopped while some of them crying aloud. Mr. Sexton had a wide acquaintance and was a favorite juvenile officer, al-though he filled a position of great difficulty as superintendent of the

nonths. Mrs. Sexton is also a juvenile court worker. She is ill at present. He is also survived by his parents, Mr. and Mrs. J. J. Sexton, 1746 South Twenty-ninth street, and by six brothers and sisters.

Mr. Sexton was returning home

late the night of April 17 when he Hearings before the international saw a negro following a young man and woman in the shadows of the Bancroft school, Sixth and Bancroft Lawrence tidewater project will Bancroft school, Sixth and Bancroft begin in Omaha at 10 a. m. Tuesday, the commission announced in dodged behind a tree. Confronting dodged behind a tree. Confronting him, Mr. Sexton asked what he was doing. The negro fired three shots and fled. Mr. Sexton was found a short time later and taken to a hospital. he commission held simultaneous Sentenced to 20 Years.

The negro was arrested the next day and proved to be James Black, alias Frank Williams. He signed a confession and on April 20 was ar-Paris, May 29.—Germany has sub- raigned before District Judge Troup, where he pleaded guilty to kill. He was sentenced to the peni-

Two Armed Bandits Disturb Seance of Man and Girl In Car

Two armed bandits terrorized Ralph Powell, 5108 Underwood avenue and a girl friend early yesterday morning at Thirty-fifth and Woolworth avenue where Powell had

parked his automobile.

The girl and Powell were sitting in the back seat of the machine, a sedan, when the bandits opened the door and startled the couple by flashing a flash light.

As Powell was ordered to move

into the front seat a passing automobile frightened the men away.

"I don't think they intended to rob us," Powell said yesterday at Central police station, where his car was examined for finger prints by Bertillon Officer Hans Nielsen. Powell did not report the inci-dent to police until noon. He re-fused to give the young woman's

Census Statistics

name.

Washington, May 29.—Sharon, Pa., 21,747; increase, 6,477, or 42.4 per cent.

was a lavoite juveline office, at though he filled a position of great difficulty as superintendent of the Riverview home.

Wife is III.

He was 31 years old and is survived by his wife and two children, Katherine, 3 years old, and John, 16 possible Mrs. Sexton is also at \$2.388, or 5.3 per cent.

Findlay, O., 17,015; increase, 2,157, or 14.5 per cent.

Atchison, Kan., 12,630; decrease, 3,799, or 23.1 per cent.

Bartlesville, Okl., 14,417; increase, 2,236, or 1332 per cent.

8,236, or 133.2 per cent.
Vancouver, Wash., 12,637; increase, 3,337, or 35.9 per cent.
Hanover, Pa., 8,664; increase, 1,607, or 22.8 per cent.
Wilmington, O., 5,037; increase, 546, or 12.2 per cent.
Iola, Kan., 8,513; decrease, 519, or 5.7 per cent. or 5.7 per cent.
Bristol, R. L. 11,375; increase,
2,810, or 32.8 per cent.

Bethlehem, Pa., 50,358; increase, 37,521, or 292.3 per cent. Chester, Pa., 58,030; increase, 19,-493, or 50.6 per cent. Sunbury, Pa., 15,721; increase, 1,951, or 14.2 per cent. Willimantic, Conn., 12,330;

crease, 1,100, or 9.8 per cent-Ashland, Wis., 11,334; decrease, 260, or 2.2 per cent. home about May 1, but suffered a relapse and was taken again to the County Attorney Shotwell will examine the case to see whether Black

can be brought back from the peni-

tentiary and tried on a charge of

The Blue, the Gray, and the Khaki



A greater thing than his own life no man can give to his country.



In Memoriam

ON the Thirtieth of May, each year, we of this great and glorious United States of America pause to pay reverent homage at the graves of the valorous dead who have fought for, won and perpetuated our world-envied liberty that has known no conqueror.

A greater thing than his own life no man can give to his country. How Christ-like the valor of the soldier! Even as He gave His life, so have our brothers died for us.

The message of the flowers you lay upon the graves on this Decoration Day, May 30th, 1920, breathes a prayer of reverence -deeper yet more beautiful, more tragic yet more thankful—for the fear of tyranny upon the peoples of the world has been swept into the past-and world freedom is bursting from its chrysalis.~

