

## Coal Mines Are Set On Fire To Secure The Gas Content

Soviet Trying Out Suggestion Advanced Years Ago By Scientist.

Moscow.—In Siberia and in North Caucasia, U.S.S.R., mining engineers are burning coal mines underground for their gas content. Suggested by the famous British chemist Sir William Ramsay before the turn of the century as the most economical way to use coal deposits of the lower grades, the scheme of coal gasification project has been little used elsewhere in the world outside of Russia.

Sir William argued logically that for many purposes it was wasteful to dig mines and extensive cross shafts, send men down to dig out the coal, ship it hundreds and thousands of miles and finally burn it to make coal gas for illumination, cooking and power. He recommended setting a coal deposit on fire and then by controlled draft and flues lead away the coal gas to the surface.

According to Russian tests, the labor spent on the gas is only from one-tenth to one-sixth of that needed in mining. Moreover, it is possible to obtain gas from very narrow sheets of buried coal which would be unprofitable to mine in the ordinary sense.

In the process of burning coal beds for their gas content a shaft is dug down to the coal and exhaust outlets sunk in other places over the coal deposits. The coal is ignited at the main shaft and air forced down to sustain combustion. The fumes from the burning coal are sucked out the exhaust pipes only partially burned. There is much carbon monoxide present, for example, which can be piped to the site of use or used by industry near the coal gas source.

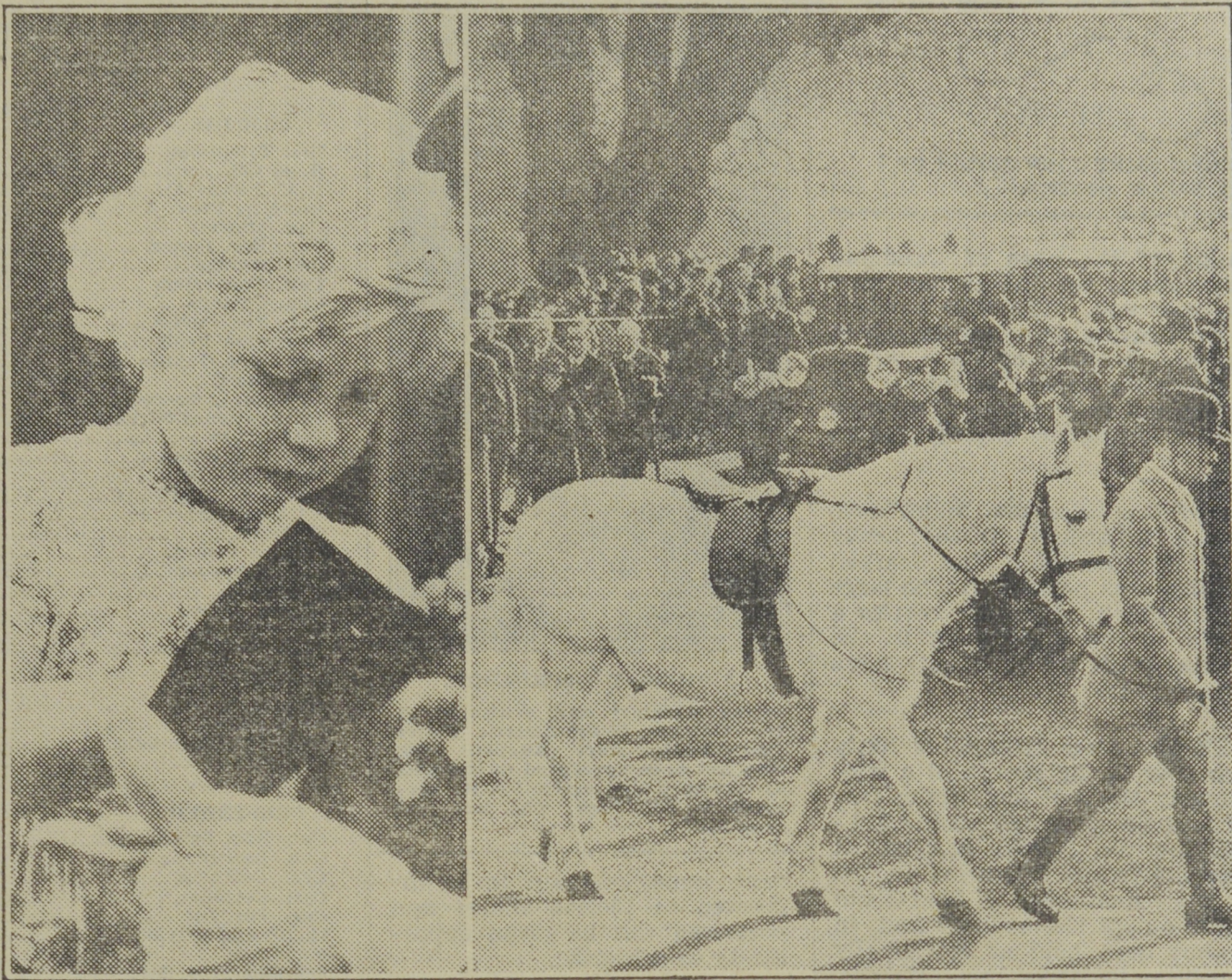
The method of gasification has been discussed in the past in the United States as well as in England, but practical mining men believe it impossible to control the fire in such a way as to produce a useful fuel gas and that there would be a very great loss of coal as well as hazards introduced if men had to work underground adjacent to the fires.

## Charming Princess



A happy, informal picture of little PRINCESS MARIA LUISA, daughter of King Boris and Queen Giovanna of Bulgaria, who recently celebrated her fourth birthday.

## KING'S FAVORITE PONY WILLED TO GRAND-DAUGHTER



"Jock," the white pony which was the late King George's favorite mount, will become the property of the little girl he loved so much, PRINCESS MARGARET ROSE, youngest daughter of the Duke and Duchess of York. Above is the pony, while at the left is a snapshot of the happy little Princess who is busy investigating a program.

## Long Record of Service To Citizens of Saint John

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We are thankful that our surgeon has not been called upon for serious accidents.

While this company has given 73 hours and five minutes in attending alarms, this only represents the actual time of fires, or the time alarm sounded until the "all-out" blow. Much more time has been consumed getting back to business, etc. However, this has been willingly given as a contribution to our city.

The Corps has at all times worked in conjunction and harmony with the Fire Department. This has been noted by the "Heads" of the Fire Department when they expressed their appreciation of our assistance. The friendship of the two companies, Salvage Corps and Fire Police is beyond question, both working for the benefit of all. We are pleased to acknowledge the assistance of the police on different occasions.

The several room committees as appointed by the chair have done their work, looking after the rooms, etc., faithfully and well.

Our driver, Mr. Totten, has kept the rooms neat and tidy at all times.

This company has held its regular meetings as specified by law the first Monday of each month (except when a public holiday was held on this day) and the second Tuesday in January, which is the annual meeting. Therefore, we have had 12 regular meetings, three special and the annual, 16 meetings. At these meetings the work has been discussed intelligently, always with the thought of more efficiently carrying out the duties we have undertaken.

At the 12 regular meetings, we have had a total attendance of 249.

The special meetings an attendance of 48, and the annual meeting held on Tuesday, January 8, 1935, we had an attendance of 38. Therefore, with an attendance of 249 at the regular meetings, 48 at the specials, and 38 at the annual, gives us a total of 335. This with a membership of 39 gives us an average attendance of 21 for 16 meetings.

Eleven members having the

best attendance at meetings are: J. MacRae, 16; Secretary, 16; Jas. Stirling, 16; R. A. Hornbrook, 16; G. H. Green, 14; A. L. Lagan, 14; R. M. Tennant, 12; W. A. Gard, 12; G. C. M. Farren, 11; S. B. Lordly, 10; H. H. McLellan, 10.

There are 23 members who have attended 50 per cent. and over at the meetings.

The largest attendance at any one fire was on April 25, Box 26 when 32 members were present. While the average attendance at fires has been good, it is below last year, and it would seem that with a little checking up it could be improved without inconvenience to anyone.

As has already been stated, this company has been called upon to respond to 78 alarms. At these alarms we have had a total attendance of 1,393. This gives us an average attendance of 18 at each alarm.

We have worked 73 hours and five minutes, thus an average of 57 at each fire. We have spread 93 covers during the year. The member answering the most alarms was James Stirling who attended 77 of 78.

Six members answering the most alarms were: James Stirling, 77; W. Allan Gard, 69; Fred Doig, 67; C. A. Christie, 63; G. C. M. Farren, 57; R. S. Kerr, 57.

There are 18 members who attended 50 per cent. and over.

Though the thoughtfulness of our captain, the rooms have been supplied with MacLean's Magazine.

### SUMMARY

Number of meetings	16
Total attendance at meetings	335
Average attendance at meetings	21
Number of Alarms	78
Total attendance at alarms	1393
Average attendance at alarms	18
Covers spread	93
Worked	73 hours and 5 minutes
There are	39 members on the roll.

Gentlemen: In concluding this report of our work during the year 1935, may I again take the privilege of an older member to again urge all to be prompt in answering the alarms, take an active part in the work and welfare of No. 1 Company Salvage Corps and Fire Police, and may we so live that when we pass

## "Hanged" But Alive



Here is WILL PURVIS, of Purvis, Miss., as he rehearsed in front of the microphone before telling the world, via the air waves, of his strange story as being one of the few living persons in existence still living after being "hanged." Purvis went to the gallows for murder in 1895, but the noose slipped and he was later freed when the real murderer confessed the crime of which he was accused.

through the dark valley that leads to our Eternal Home, we shall have no fear.

Yours respectfully,

FRED DOIG,  
Secretary.

### CHEAPER THAN COTTON

A revolutionary discovery by G. J. de Fleury, textile expert, may cause excitement in the Lancashire cotton industry. He has evolved, as a result of twenty years' experiments, a hybrid plant which will, it is claimed, yield a cheaper fabric than either cotton or flax. Its yarn has already surprised experts. One announced his inability to distinguish it from the finest Egyptian cotton with-

## Gave Up Brewery Fortune Because Of A Woman's Sob

Riches, Comfort, Ease Scorned After Sordid Gin Palace Scene.

London.—Riches, comfort, ease, might have been the lot of Frederick N. Charrington, who died recently from heart trouble. But he chose otherwise.

He gave up a brewery fortune estimated at a million and a quarter to become a temperance advocate.

A woman's cry was the reason. In the east end of London there are men "friends of the poor." None is more loved than was Mr. Charrington — "Uncle Fred" to thousands of people.

His was "practical Christianity." He preached or lectured to people, but first he fed them. Hundreds of free meals are provided each week at his Great Assembly Hall in Mile End Road—within a stone's throw of the Charrington brewery.

He was born 85 years ago, went to Marlborough and Brighton College, and then into the family business. He was also by way of being a man about town.

How he changed his mode of life in a night is now a bit of east end history.

He was 20 at the time, and was out with some friends bent on "making a night of it."

As they passed one of the gin palaces which flourished in the London of those days, they saw a robbing woman clinging to a drunken man and heard her cry, "For God's sake give me a copper. The children are starving."

The man replied with his fist. The woman fell in the gutter.

Mr. Charrington glanced up. "There written in letters of gold (he said afterwards) I saw 'Drink Charrington Beer.' I raised my hands to heaven and vowed that I would not touch another penny of Charrington beer money."

From then until he had a severe heart attack, he labored among the east end's poor, fighting poverty, drunkenness, white slavery,

out the help of a microscope. Blankets, claims the inventor, can be woven out of the fibre's waste products so cheaply that a price of one-and-sixpence each may be considered exorbitant.

Plans for launching this fibre on a commercial scale are not far advanced. Ordinary cotton, woolen, and flax looms will weave it. Today growing in a Thameside garden, the plant, according to the inventor, will respond cheerfully to either an Australian or Canadian climate.

### EYELASHES TO ORDER

In the property departments of Hollywood and Elstree a wide range of human hair is stocked. Its cost at the moment is high; £20 was paid for the raw material of the plaits worn by Madeleine Carroll in "I Was a Spy." Grooming the hair for stardom is a delicate craft. George Arliss in "The Guv'nor" wears a wig containing over 15,000 strands of human hair, each one of which was hand-crocheted on to the netting skull. That little job occupied an expert for 30 hours. But trickiest of all are artificial eyelashes. Those ravishing specimens donned by stars are massaged and curled daily.

Hungary is the main source of human hair supply. Here the peasants, thanks to their hardy, abstemious lives and staple diet of goat's milk and cheese, grow silky, luxuriant tresses, which retain a natural gloss for years.

### BRIDGE OF SIGHS

This is a true bridge story: She was only a beginner, but she meant to keep her end up, and so she was not at all abashed when her partner said, "Do you know you revoked?"

"Well," she replied, after a short but impressive pause, "What of it? . . . I had my reasons."