I TITT PAGE EIGHT 1. 1. 1. 1.



Continued from Page 1.

Tace gas, so called because it is found at the surface of the rock. It has no perceptible odor and burns with an intense heat, but is a poor illum-inant. Its properties correspond no perceptible odor and burns with an intense heat, but is a poor illum-inant. Its properties correspond with those of methane, or marsh gas. It is a hydrocarbon, and is probably produced from the slow dis-tillation of either oils or bituminous shale our other rock, having silled substances contained in the rock stratum below the clay cap. The second is the commercial nat-ural gas that is found in more or properties of this gas are the same as the above, with this exception, that it possesses a strong odor re-sembling that of crade petroleum. The odor is no doubt due to an ad-mixture of vapors of some volatile liquid hydrocarbon. This gas is p o-bably the production of oils, bitum-inous shale or other allied substanc-es. By a process of slow distillation, or decomposition, similar gases to make from the fresh cut surface of whe coal, apertures emitting for a stream of gas. SOURCE OF THE GAS.

SOURCE OF THE GAS. For the reason given above, it co-surved to me the source of surfaces in the position in which it is usually found. First, there is no perceptible amount of organic matter to be wein. Second, the known existence of strata containing perroleum, bi-imatter at more or less depths be-low the surface gas veins, torming a town in all probability is, obtain-other evidences collected, I came to the conclusion that all commercia ind surface gases are identical and surface gases are identical and the difference in odor? It is used for lighting purposes has to be purified to remove undestrable sub-stances. To produce this effect, the stances. To produce this effect, the stances. To produce this effect, the stances. To produce this effect, the stances through dilute subpuri sid the conduction and the purifiers the has to peration is not general-ty used in small plants. In a some SOURCE OF THE GAS.



WHAT

Fruit-a-tives are the marvels of modern medicine. They have accomplished more actual cures—done more good to more people—than any other medicine ever introduced in Canada for the time they have been on sale. Fruit-a-tives are fruit juices. They are

nature's cure for

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To this combination of fruit juices. tonics and internal antiseptics are added, and the whole made into tablets. These are Fruit-a-tives-sold every-

where for 50c a box or 6 boxes for \$2.50. FRUIT-A-TIVES LIMITED . OTTAWA.

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THE CHAJHAM DAILY PLANET

Some underwear always see

to rub you the wrong

way-a nasty, prickly,

You know how that

disagreeable feeling.

kind makes you

Ceelec

UNSHRINKABLE

the heginning.

Insist upon seeing

wools-retains all the origina

alities of the wool and is

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GEN. BOOTH'S PREDICTION.

Hale Old Leader of Salvation Army

GALT, CANADA.

CEETEE

squirm

ISOFT AND PLEASANT clay, sand and gravel. 2-Depth 60 feet, Erie or blue clay, products sur-NOT THE ITCHING KIND

text, fraine or blue clay, products surface gas. Devonian Age. 3—Hamilton, 250 feet, consisting of bituminous shales, thin limestone. Products; this shale has been regarded as the main original asource of the oil regions 'of Ohio and Western Pennsylvania. In the same localities gas is often given out in large quantities. It al o furnishes the very best flagging stomes. In some localities there are numerous sulphur springs. 4—Corniferous, 300 feet, consists of shales, flinky limestone or chert beds, sandstone. Products, oil, brackish water, gas in considerable quantities. It is from this formation the oil near Bothwell is procured. 5—Oriskany. 250 feet, sandstone, some shale and limestone intermixed. Products, oil, salt and water.

intermixed Products, oil, sait and water. Upper Silurian Age. 6 — Lower Helderbury. 350 feet, consists of shales, jimestome and sandstone. Pro-ducts, water lime, rock salt, mineral water, sulphuretted hydrogen gas. 7—Onopdaga, 216 feet, consists of shalee, mualite, limestome. Products, plaster of paris, rock salt, mineral water, brine springs, hydraked sul-phuric acid. It is from this formation at God-erich that the salt is obtained, at a depth of from 964 to 1,180 feet. The same formation near Chatham wo.11 be reached at a depth of about 1,-250 feet. UNDERWEAR

soft and elastic. It is as soft and fits as well at the end of the season as at e reached at a depth of about 17-50 feet. B-Gueloh, 20 feet, the same ma-erial and products as the Onon-

daga. 9-Ningara, 100 feet, consists of limestone, shales, sandstone. Pro-ducts, oil occurs in considerable quantities in this formation at Chi-cage; at Hedbridge, N. Y., load and conser

opper. 10-Clinton, 30 feet, consists of red shales and sandstone. Products, im-pure iron ores: 11-Medina, 350 feet, consists of brown sandstone used for building furposes. Products, gas, when the rock is of sufficient porosity, the gas originating in the formations be-how.

FASHION'S FORECAST THE FALL HAT AND ITS FADS AND FANCIES.

mall Shapes the Vogue-Taffeta Built Into Smart Tallored Hats. Mahogany Brown and Gray a Strik-ing Combination.

In a few weeks summer hats will be In a few weeks summer hats will be "called in;" consequently the question trembling on the lips of every other woman one meets is, "What shall I get for a fall hat?" As it is going to be a "please yourself" season, there are no hard and fast rules to govern the selection. There will be all sizes and shapes from which to choose, but the essential thing is to choose the thing that is becoming. thing that is becoming. Paris is trying again to foist upon us the small hat, not the run mad

3

TOQUE OF OLIVE GREEN. chapeaux she sent over last fall, but toques and turbans, with legitimate back and front that one does not have to puzzle over to tell 'tother from

Pressed shapes will be all the with colder weather. Slik braid, folds of velvet and slik combined to make the body of the hat and the frame covthe body of the hat and the frame cov-ered smoothly with velvet and feit-these will be de rigueur. But there will be many draped hats worn, and plain taffeta will be built into some

plain taffeta will be built into some very smart tailored hats. Outing hats are the first to make their appearance in the shops. The season's models have rather high, flat crowns and rolling brims raised light at the sides. They are of white and light tan, French felt and trimmed with silk or velvet, stiff wings and pompons. A pale tan affair is prettily trimmed with light blue silk and blue pompons. Milliners are predicting a great run for brown hats. Among the new color effects are brown combined with Du Barry plak, peacock blue and bright green, while a mahogany brown com-bined with gray is very chie. Black hats, too, are very smart. Great quantities of ostrich feathers are a fall hat trimming, but those sick-ity looking uncuried feathers that have drooped pathetically on so many sum-mer hats have had their day. Winter will see none of them. Wings, quilis, breasts and fancy feathers will wave above every woman's head on every hatted occasion. What with the new winged effects, loyely outlie b feathers, beautiful flow. very smart tailored hats.

The Big Locks At the Soc. The greatest attraction at Sault Ste. Marie is the locks which raise the ves-sels from the level of Lake Huron to that of Lake Superior. Fifty years ago the first lock was opened. It was small affair compared with the present canals. On the American side two locks are in operation. The larger of these is 300 feet long, 100 feet wide, deep enough to permit the passage of vessels drawing twenty-one feet of wa-ter and big enough to permit four-large vessels to pass through at once. On the Canadian side there is also a lock, greater in length, but of less width, and of sufficient dimensions to lowered at once. All the shipping from the upper to the lower lakes must go through these three locks. The com-

SATURDAY, OCTOBER 6, 1906.

You cannot possibly onjoy good heart when the liver is inactive and the bowel the bowels. Ask your doctor if this is not true. Ask him at the same time to he knows a better laxative than Ayet's Pills. All vegetable, sugar-coated bose, only one pill, at bedtime. Where the second section of the same time to the second section of the same time to bose, only one pill, at bedtime. DISTREICT DF THE CREEK. A. S. Maynard has purchased H. O'Loane's faum; price \$6,000. The Rev. Mir. MacGillivray, City, ounday. Mrs. Beni, Bothwell, whose Tife Mrs. Creek new bridge is now

occupied the pulpit of St. Paul's on Mrs. Benj. Rothwell, whose life has been in the bulance for a few days, is reported as improved to-day. A petition is in circulation here asking for a daily mail service. Will Smobelen and wife, Blenheim, were the guests of friends on the creek, Sanday. Mrs. James Johnston is lying ser-iously ill. James Liddy's health is in such a condition as to cause his friends

much anxiety.THORNECLIFFE.A. B. MoOoig M. P. P., was an up
the creek visitor on Sunday.
Carrie McCormick, the little linnet
of St. Paul's, sang a solo surpass-
ingly sweet at Sunday's service.
The Rev. Mr. Tydell, Zion, will
preach from the pulpti of St. Paul's
mext Sunday.
H. Clements, M. P., City, was an up
the creek visitor this week.
Aggie McCormick returned home
on Saturday, after a four months
sojourn in Chicago.THORNECLIFFE.For the table—for cooking—
WINDSOR TABLE SALTTHORNECLIFFE.Thom harden and the supple of the supervise of the supervise

Ac a ma nice of the same perfect quality. JEANNETTE'S CREEK. The Method'st church will hold their harvest home services oo Sun and y next at three p.m. The choir will give special mus.c. A supper and consert will be given on Monday Monday forenoon the dwaller

Ac a ma nis within so he judges Mongay foremoon the dwelling own- what is without.



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CARTERS FOR READACHE, FOR BLIZINESS. FOR TORPID LIVER. FOR CONSTITUTION FOR THE COMPLEXION

Price Purely Vegetable. Stern

OURE SICK HEADACHE.

If the foregoing remarks arouse an interest in and lead to the for-mation of a company for the pur-pose of boring test wells for gas, they will have answered the purpose intended. In conclusion, I would like to hear the opinions of other on the above subject. E. E. JONES.

C. etc.

Address, Head Office,

Waterloo, Canada.

GEO. H. REDPATH, GENERAL AGENT, CHATHAM

frame of it.

scientiously indices entry frame of it. Undoubtedly most persons do it sim-ply for the airy persifiage of it, but there are plenty of others to whom it represents a pretty sital precaution against being overtaken by an ill from which they have declared themselves free so far. The custom is said to have had a re-ligious origin. The three knocks sigs, nified an appeal to each of the three persons of the Trinity, and the sub-stance rapped upon was of wood, be-eause Christ was crucified upon a cross of wood. of wood.

Het Soda Baths. Hot soda baths are recommended by some persons for rheumatism, and the vay they are taken is this: Fill the tub half full of water as hot as can be borne, add half a pound of common haking soda and immerse the body for at least twenty minutes, keeping up the temperature by the addition of hot water from time to time. Yaseline or cold cream should be rubbed into the skin after the latter has been dried in, order to replace the natural oil.

A Vegetable Pear. This strange fruit, which has been served as a novelty at a few dinner parties recently, is an Avocado pear



d shell, but on since is found inst tween the shell and the eaten, with pepper and



Experience has taught us there is a lot to learn about real estate. There is no good reason why property shouldn't sell. There are to-day thousands of men waiting to hear of the right piece of property in which to invest their money. On the other hand there are many anxious to sell. We bring the two together.

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