OF MURDER STERY, DEAD

rated Guinness Case tate Prison Without itement That Would ring up the Strange bed to Tuberculosis.

Ind., Dec. 30-Ray ed of arson in the s case, died here in night at 7.15 c'clock He had been ill me since fentenced, to fail fapidly un-

ake any ante-morwith his death it. hope of clearing. "murder farm' during the thirspent in prison atement. He was ng spell and the to his celatives to reach him curred and he dgment with only Rev. C. L. Kiple in the hospital

of the Case. oril 28th, 1908, fire house occupied by and her three e. Their bodies ruins next mort arso attached to had been emnd by the woman. ire the astounding that four bodies farm yard adjoin during the next ore decomposed ered, showing that

charged with murmedium of arson ered a compromise was sentenced ichter, to an inde-from two to fouror Marshall, was for pardon each occurred. ail for Assault.

d been a death trap

28.-Alanie Angiolo untawfully woundpatriot, Giovanni e near Point Du ed to a year in McMicken. although D'An-For assaul on the ank Phillippe was ionths. k's Finances.

oc. 29 .- The Au-

that the fiscal of \$3,820 144 The ithin \$4,000 of expended chargeenue, \$261,522

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	EDMO	NTON BULLETIN, MO	NDAY, JANUARY 3, 1910.		PAGE SEVEN
S DODTING NEWS	DIODON	In estimating our cost of pumping	Reliability is one of the strong ar-	PRESERVATION OF NIAGARA.	BORN.
SPORTING NEWS	PIGEON LAKE PROJECT	under our present system we will base	guments in favor of a gravity system	and the second	HARROLD-At Edmonton, Dec. 25th to
		our cost on the power-house charges to the waterworks department.	of water supply, pipe lines, reservoirs,	New National Park for United States	Mr. and Mrs. W. N. Harrold, of Na-
HOCKEY.	VERSUS PRESENT SYSTEM		etc., if well designed and well con- ctructed are very permanent and re-	Side-Ontario Set Example.	mao, a son.
DEACONS DEFEAT STRATHCONA.		the cost of the years 1908 and 1909.	curucted are very permanent and re-	Washington, Dec. 28-The report of the	
The Deacons retaliated on Strathcona	City Engineer Discusses the William Contract to the	The figures in this table are taken	liable to get out of order than pumps.	committee of landscape architects re-	
n New Year's afternoon for the Christ-	City Engineer Discusses the W ater Supply Question in Paper Read	I from the auditor's report, except for	A gravity supply is always desirable		5 Andrew Sec
has day defeat and won out handily	to the Engineering Society- Quantity, Quality, Cost, Pressure and	the year 1908. The auditor's figures	but not always possible. In this case!	park at Niagara Falls has just been	- 7 - 7 - 7 - 7
fter a fast game by a score of 6 to 4.	Reliability, the Essential Points.	l cover only 11 months. These have	numning is resorted to and reliability	transmitted to Congress, with favorable	
he contest took place in the Strathcona		been converted into the corresponding figures covering 12 months. To the	is secured by reserve pumping capac,	endorsement of Secretary of War Dick-	NOTICE TO INTENDING SETTLERS.
ho were well satisfied with the exhi-	******************** the level of the water in the lake wa	cost of pumping it will be necessary	ity, reservoirs, etc. Proposed Reservoir.	inson. The committee urges that a strip	
ition of the winter game. The Strath-	* at least one foot higher than the gill	to add the cost of filtration. If the	In the Diegon Lake scheme it is pro-	of property be acquired by the United	January 10th 1910 the following lands
ona players were without their stars,	* Measurements at Pigeon * of the weir. Now a foot of water over	filters are only in operation for four	and to construct a single nine line	States connecting with the State reser-	will be open for entry:
ynn and Kent, who had not returned	* Lake showed discharge equal * this area equals 6,446,800,000 Imperia	months in the year this should not	from Digoon and Wizard Lakes to a	vation at one end and extending the	For Homestand
rom Stettler and Humeston, at cover	* to 16,389,000 gallons per day * gallons, or an amount equal to 17,600, * for a year; present source of * 000 Imperial gallons per 24 hours fo	exceed 3/2 cents per 1,000 gallons when	reservoir in the Beaver Hills some seven	whole length of the gorge, embracing	Parts township 9, range 3 and 4, west
oint was also out of the game. Their	* supply ample. * 365 days, that is assuming that no	In arriving at the cost of water by	miles from Edmonton. This reservoir is to have a capacity of 60,000,000 imper-	the Talus, the cliff and a tract of land	5th Mer. For Homestead, Purchased Homestead
laces were taken by Dobson, White and Potts" Newman. The last played an	* Pigeon Lake water softer + more water came into the lake and	the Pigeon Lake scheme I am assum-	is to have a capacity of 50,000,000 imper-	verted into a national reservation. It is	and Pre-emption.
xcellent game but Dobson and White	X than that of the river and loss is [blat there was no evanoration thus	ling that the total and of the installa-	pipe lines are to be carried to connect	set forth that all buildings within the	Townships 1, 3, 4, 6, 7, 8, range 10 and
eré presse dinto service at the last mo-	* turbid at certain seasons	tion including land drainage ate to	The try to the time strategies in Edmon	strip can be destroyed or moved back	11 West 4th M
nent and were visibly out of shape.	Probably and it Diment 1 1 1181 Valious should Dass over the weit	L co coo on This will mean an on	ton. It will be seen that unless these two	under such arrangements as will impose	Townships 5, range 10, West 4th Mer.
On the Deacon's line the only change	* gallons per day for 365 days	nual expenditure to cover interest,	nipes break at the same time a water	the least hardship on private owners and	Townships 5, range 10, West 5th Mer.
in Chester Banford, who took the	May Be Underground Supply	sinking fund, operation, mainten- ance, etc., of approximately \$200,000.		and the the resolution can	Township 1, range 7, West 4th M.
lace of McKenny. For the Edmonton	distribution of pumping and * This was the conditions of affairs	This would simplify a table of agate for	in the line, between Pigeon Lake and the reservoir, we can while making repairs	reasonable period the whole area in the	Township 1, range 8, West of 4th M.
ca, while for Strathcona Graban and	* 1,000 cubic gallons. ditional water coming into the lake	consumptions varying from 4.000.000	draw on our supply in the reservoir. In	immediate vicinity of the Falls and the	except N.E. 1-4 Sec. 14, all Sec. 19, 50,
he two oSutherlands were the outstand-	* Pressure from Pigeon Lake. * after that would easily much the lake	1 10 000 000 -11	this letter once however our fire pres-	gorge will return as nearly as possible	21, 22, 23, N.E. 1-4 26, and all 27, 28, 30,
ng features. At the end of the first	* More than the mains would * evanoration on the surface of the lake	Per 1,000	sure would be limited to the pressure to	to the original condition, with the added	31, 32, 33 34 and 35. Township 4, range 12, West 4th Mer-
alf the score stood two all, but in the	* stand; from present system, * and as the measurements show that	Imperial gailons	be derived from elevation of this re-	advantage of accessibility. By additional	Township 3, range 2, West 4th Mer.
econd period with the retirement of	* 80 pounds maximum. * this quantity of water did not pass * Reliability-Reliable supply * over the weir the question might arise	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	servoir above the City, but it is pro-	legislation and agreements with the Canadian government, the diversion of	except Sections 1, 2, 3, 4, 5, 6, 7, 9, 10;
raban with a cut foot the Deacons ran	* Reliability—Reliable supply * over the weir the question might arian * possible from Pigeon Lake: * as to ver it did not. The lake ap		stand Another alament of danger might	water for power purposes, in the opinion	12, 25, N.E. 26, all 21, 35 and 36.
or the phenomenal work of Clark, the	* elements of reliability in pre- * parently rests on a sand bottom		arise should the two nine lines cross the	of the committee, should be kept in	Township 3, range 3, west 4th Mer. ex- cept Sections 2, 5, 6, 7, North 1-2 and
strathcona goalkeeper, who stopped	* sent plant, which same sand layer is met with m	8,000,000	river at the same point, in which case,	such limits that the inpressiveness of	S.E. 1-4 10, all 14, 15, 16, 17, 18, 19, 20,
nany difficult ones, would have been	* the wells drilled in this vicinity,	9,000,000 6.1	there is a possibility of the two pipes	the cataract shall not be diminished.	21, 22, 23, N.E. 1-4 26, all 27, 28, 30, 31,
nuch larger against the Strathcona	******************** that it is possible that the water may	10,000,000 5.5	being put out of commission at the same	MYSTERIOUS DEATH IN TOTOL	20 99 94 95 and 96
eam.	spread out into the surrounding dis	Quantity Consumed a Large Factor.	time. However, it will readily be seen	MITSTERIOUS DEATH IN TORONTO	Township 1, range 14, West 4th Mer.
Walter Campbell was referee and Al-	At a meeting of the Engineering trict, as an underground supply. This society last week papers relating to not supported by conjecture and	This table would appear to show	that a reliable supply is possible from Pigeon Lake.	Autopsy Show That Four Ribs Were	(available portions). Township 1, range 17, West 4th Mer.
an Part was judge of pay. Both were	society last week papers relating to the Pigeon Lake water supply scheme I think that the careful investigation	t that the hope of water at a reasonable	' In order to arrive at an opinion as	Broken and Terrible Internal	(1) A squatter before survey (within
as follows:	were read by A. J. Latornell, city of this Pigeon Lake supply might re	price from Pigeon Lake depends on	to the reliability of our present supply	Injuries.	the pre-emption area) desiring to secure
Deacons. Strathcona.	engineer, and H. L. Seymour. Mr. veal some interesting facts. Mr. John	the quantity consumed.	it will be necessary to describe briefly.	Toronto, Dec. 29 At the inquest	a pre-emption adjoining his homestead
			the present plant.	held tonight into the death of James	should notify the Dominion Land Agent
			City's Pumping Plant.	Moore aged forty years found dand	for the District, in writing, to that er
Chinnick Cover Whitel	and popular standpoints of supply lation, etc., that he calculated a daily	done by a comparison with the cost	and the second of the 1 of the second second of the	in his room a week ago, the evidence showed that death was caused by four	section desired for pre-emption. This no-
C. Banford Rover N. Sutherland Dea Center J Sutherland	and cost, is reproduced here:- supply equal to 29,000,000 Imperia	of pumping in Edmonton and not	3.4 million gallons and 11.9 million gal	ribs broken and torrible internal in	tice should reach the Agent prior to the
BanfordRightNewman	Early in the present year (1909) a gallons per day, for 365 days. This proposition was made to the city of calculated flow, is also as you ob	with the cost of pumping in other	lons capacity, respectively for 24 hours	juries.	tice should reach the Agent prior to the land becoming available for entry. The
IcGammon Left Graban	Edmonton by Mr. Frank Gray to sup. serve not born out by the guage	the local conditions in the			LAgent will reserve such quarter section
the second se	ply the city with water from Pigeon flow.	case of a pumping plant are a very dominant feature in determining the cast. However, there are sufficient	pump of 3,000,000 imperial gallons per 24	known, as a man named Hope with	days from the date upon which such
ASSOCIATION FOOTBALL.	Lake, to be conveyed to the city by Could Raise Lake Level.	dominant feature in determining the	hours. The first two pumps draw their	whom he spent the night cannot be	lands were available for entry according
		cust. However, there are sufficient	supply from a reservoir of 500,000 gallon	heard a heavy thud in his room they	to advertisement.
London, Jan. 2-The following are the	for the purpose of this paper, I would not be expected that the city	numping plants to render the compari-	fugal numps drawing their angula for	morning, another that it sounded like	(2). In case a bona fide squatter be-
New Year Day results in the British	engineer, Mr. John Galt was retain, feet by a small dam across the creel	son of the works of these plants with	the river. The 3,000,000 nump draws its	a man falling down stairs. The doc-	fore survey fails to notify the Agent De-
eagues:	ed to advise them on this prblem. near the lake. The figures given dea	our own both interesting and instruc-	supply direct from the river through	tor who performed the autopsy did	available for entry according to the ad-
Scottish League.	For the purpose of this paper, I with the total supply in the lake, bu	t tive.	its own separate intake. All three	caused by the fall but might be the	vertisement ,then the Agent shall re-
Dundee 0, Aberdeen 0. Falkirk 4, Airdrieonians 1.	shall endeavor to eliminate as far as it would not be expected that the cit	In the Canadian Engineer of March	pumps pump into 12 inch cast iron	caused by the fall but might be the result of a man's knee jabbing into	serve one-quarter section adjoining the
Celtic 1, Glasgow Rangers 1.	possible Mr. Gray or his company and of Edmonton could draw to the limit consider the scheme from the stand- of this supply as the claims of the	t 26th, 1909, is a table giving a variety	mains, which are so arranged that either	the deceased's ribs. He also said the	quarter squatted upon ,and the squatter
Third Lanark 1. Clyde 3.	point of a possible source of supply surrounding district would neces		can be used separately in case of a	man could not have lived more than	will be given nitten days within which
Motherwell 2, Hamiton A 2.	for the city of Edmonton, whether con- sarily have to be supplied.	price of pumping per 1,000 gallons, as	The installation this summer consist.	fifteen minutes after the injuries,	Plan of any Township above mention-
Hearts 1, Hibernians 0.	structed by Mr. Gray of by the city. In regard to our present supply with	given here, varies from .0008 or 8.100	ed of a steam pump of the capacity of	swore they heard groans in the room	ed may be obtained from the Secretary,
Kilmarnock 2, St. Mirren 1.	If this scheme shows on consideration reference to quantity it is not neces	cents at Cornwall to 12% cents at St.	6,000,000 imperial gallons per 24 hours.	for two hours.	Department of Interior, Ottawa, Canada,
Morton 1, Port Glasgow 1.	to be a feasible one and fulfills all sary to speak as the Saskatchewai the essential requirements of a good River, our source of supply, ranks a	Boniface. It might be pointed out	The pump is installed in a reinforced	and the second	Price 10 cents. For further particulars as to the
First Division	water supply as regards, quality, one of the largest rivers in Canada.	(in connection with this table that a	concrete pump chamber at river level so	GREAT SUFFERING IN OPORTO	available lands apply to the Agent of
Blackburn Rovers 2. Tottenham Hot-	quantity, pressure, reliability, cost. Quality of Supplies.	careful perusal must convince one of the difficulty of securing dependable	through the 36 inch mind by gravity	Flash Lines Burth I. Burth I.	Dominion Lands, Lethbridge, Alberta:
and a start workers a, rottennam mot-	etc. then it should be possible for the The question of quality as regard	+ information in regard to waterworks	intake to the pump and he pumped li	dition-King Manuel Visits Suf-	J. W. STAFFORD,
Belton Wanderers 3, Notts County 4.	city of Edmonton and any company a water supply is a very importan to come to a fair and equable agree, one, as it bears a direct relation t	operation. Taken for this table we	rectly into the distribution system	ferers	Agent of Dominion Lands.
Bradford C. 0, Manchester United 2.	to come to a fair and equable agree- one, as it bears a direct relation t ment, provided the city prefer this or the health of the community.	- have for some of the larger cities:	through a 20 inch steel supply main	and the second se	Dated at Lethbridge, 7th December, 1909.
- Sunderland 4, Dristor City 0.	think it advisable rather than to conditached is given a comparative analy		The filter start is a start	London Hoo 90 King Monual mic	
Bury 2, Everton 2.	struct and own the plant themselves. sis of the Pigeon Lake, Wizard Lak	e 1,000 gallons	tion tank of 1,000,000 gallons capacity,	ited Oporto today to sympathize with the flood sufferers. Crowds surround ed him, and implored him.	WANTED.
Liverpool 5, Woolwich A, 1. Newcastle United 1, Chelsea 0.	The Other Side of W land the Saskatchewan River supplies	Montreal	eight mechanical filters manufactured by	ed him and implored him to help	
	On the other hand should careful This analysis is by Dr. Revell, pro- consideration and investigation show vincial Bacteriologist, part of which	MUIIbical			WANTED PIGS- BREEDERS OF
	consideration and investigation snow [vincial Bacteriologist, part of white		cach not ing a capacity of 500,000	I a data way a company way so	IVI and a cut the miles mult
Nottinghams Fosse 1, Aston Villa 4.	that the scheme is one that does not was published in the daily press las	t London	imperial gallons per 24 hours and clear water basin of 425,000 imperial gallons	deeply stirred that he shed tears. He	Poland China hogs. Please write

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Birmingham 0, West Bromwich A. 1. sentials of a good water supply or is Blackpool 3, Leeds City 1. Burnley 2, Clapton Orient 0. he utmost of his power. He headed local subscription. The condition WANTED- PROTESTANT TEACH-With the filters in operation. With the filters in operation the cycle of operation is as follows. The water is pumped to the sedimentation reser-voir by a steam driver contriferent St. Thomas., 1.6 Regina 2.2 The above costs as far as can be Derby C. 3, Fulham 1. ermit, then it cannot be one that katchewan River supply and with a would permit of an agreement being consequent lower soap consuming entered into with any company s power. In addition to this its tur-Gainsborough Town 0, Linclon City would permit of an agreement being entered into with any company s such an agreement, must of necessity be unfair or financially a loss to the company or to the city. The first : not probable, the second ought not to be permitted. The chief essentials to be considered in connection with a water supply are: (1) Quantity. (2) Quality. wyenlyl& east && Wa.. C Hull City 5, Grimsby Town 1. dwyenlyl& C bion. Manchester City 3, Bradford 1. Oldham 1, Glossop 0. Stockport 5, Barnsley 0. Southern League. Brentfor 0, Queen's Park 1. Brighton and Hove 3, Luton Town 0. Bristol Rover 1, Crystal Palace 1. Coventry S. 0, Swindon 2. ville, Alberta. (2) Quality. (3) Cost. Calgary, Dec. 29-Chas. O'Brien, city Croydon C. 3, South End United 2. Cost of Operation Cost of mainten- cost of dis- cost Actual electrician, will go down to Winnipeg WANTED- PROTESTANT TEACH-(4) Pressure of delivery.(5) Reliability. er 2, Southampton 0. to attend the convention of electricion 2, Millwall 3. Total er for homestead school district No. and distributing ance & tributing if water selling. ans. This city is anxious to get all stham United 3, North Brompton (b) Reliability. I shall endeavor in this paper 'o discuss briefly under these headings, Edmonton's present supply, and the supply from Pigeon Lake, and to Power pumping 1186; duties to commence Jan. 3rd, 1910, ... one having taught in Alberta preferred. consumption the information possible concerning 1.000 capital per 1,000 had all price of in Imperial House per 1,000 maintenance alford 2. Northampton 2. street lighting and the conduit system gallons, charges. 4.3c \$ 9,105 gallons. charges. gallons, been sold, water. 1.7c \$37,215 6.8c 11.1c 9.9c RUGBY 'RESULTS. charge. Year. gallons. Apply, stating salary, experience refer-Wales 49, France 14. of distribution. ences, etc. C. F. Gibson, Sec.-Treas., 6.8c 11.1c 1908 547.500.000 \$23,600 \$42,697.05 5.9c 5.3c \$13,180.88 1.8c omerset 9. Cornwall 4. 730,000,000 \$39,000 Greenshields, Alta. 11.2c 8.1c a sible in this connection.
Quantity of Supplies.and be true with regard to the Pigeon
Lake supply though we would expect
it to be more constant in quality than
a river supply. The relative quality
of the water from the two sources of
constructed at the point where this
stream leaves the lake. This wier was
completed and placed in operation
May 3rd, and measurements of the
flow were taken continuously from
that date to October 3rd, when the
water passing over the weir was not
sufficient to justify a continuance of
the measurements. The accompany.may be true with regard to the Pigeon
put hough we would expect
in quality than
a river supply. The relative quality
of the water from the two sources of
supply is, however, one that comes
more within the field of the chemist
and bactoriologist, than it does within
that of the engineer. The question
of quality is, however, a very im-
looked in dealing with a water supply.98 cents. In the case of Ottawa the
pumping is done by water power, and
the table is in complete cost of pumping
is done by water power, and
the table is in complete cost of pumping
is omany watu that unless we know
exactly what these figures are based
on they are liable to mislead.from here the water runs to the system.
the clear water basin is connected
pump drawe directly from the river and
pumps directly into the system.If the measurements. The accompany.May 3rd, and measurements. The accompany.98 cents. In the case of Ottawa the
pumping is done by water power, and
to is pumped into the distribution system.99 cents. In the case of Ottawa the
pumping is done by water power, and
the table is in complete cost of pumping is
that date to October 3rd, when the
water passing over the weir was not
the measurements. The accompany.90 cents. In oring forward as much data as pos-1909 English Artist Buried Fettesion Lorettonians 14, Richmon STRAYED. Madrid, Dec. 29 .- The body Harlequins 32, Marchistonians 5. Walter Shirlaw, the artist who died o STRAYED- CAME TO MY PREM-United Service 20, Blackheath 3. nia on Sunday, was buried in Cardiff 31, Bristol 0. the English cemetery here, today. ises, two red cows no brand visable. Newport 16, Llanley 0. Owner can have same by proving property and paying expenses. Geo. Stevens, Coventry 6. Northampton 6. Devon Albions 3, Exter 0. Leicester 13, Hartlepool 8. Inga P.O., Alta. STRAYED- BELVEDERE- ON TEM Wanionians 39. Stewartonians 0. D premises of E. Steinert (S.W. 4-58 / W. 5th), since Nov. 17, 1909, black heifer Gloucester 31, Cheltenham 0. convenience was forgotten as the sple PEDLAR People of Oshawa rising two years old, no visible brand, except white under belly. Owner can Fort. The eastbound train Friday night Mill City skip, put away L. Defeil, but race, over an eleven mile course from a ing chart, compiled by Mr. John Galt, Analysis. Pigeon Wizard Sask. Lake. Lake. River able. However, this year's operation Analysis. Pigeon Wizard Sask. Lake. Lake. River able. However, this year's operation With 24 hours where present conentreal, Torouto, Halifax, St. John, Winnipeg, Vancouver have same, by proving property and paying expenses. Bruno Graffunder, Brand Reader. consulting engineer, shows the result of these measurements. Briefly these able. However, this year's operation should produce fairly reliable figures. with 24 hours where present con-25 10 sumption is 2,000,000 per 24 hours. TRACK AND FIELD. are as follows: Total run off, 5.982,000,000 Imperial Odor Chemical Exam.-Pts. Per Million. (2) Each pump has two sources of sup-FOR SALE Pressure of Delivery. STRAYED TO MY PREMISES S.W brown. WON GOLD SEAL ROAD RACE. The following elevations indicate ply for a short time at least. what pressure may be expected by (3) The distribution is supplied 500 1-4 10-49-10 W 4th, since Nov. 15, the ancouver, B.C., Jan. 2-Harry John- gallons. 60c Average over 186 days, 32,160,000 Totai hardness. 114 the Pigeon Lake gravity system. through three mains. Ft. above As I pointed out in the beginning of following animals. Red cow, white is face and belly, horns. Red yearling son, of the Vancouver Athletic Club, OR EXCHANGE 8.5 14.7 steer, some small white spots, horns. <text><text><text><text><text><text><text><text><text><text><text><text><text><text> for GOOD LAND 68 156 Red yearling steer, white face, horns. s. dray CENT OFF 53 / 54 All branded on right thigh 54. Twoyear-old steer, black, horns, brand on right rump RU, ear tag in right ear. Two year old steer, white face, back belly and legs, roan body, horns, . vool, made brand. Jas. N. Miner, Minburn, Alta. ENT. OFF TO RENT. Wellington, N.Z., Dec. 14.-17. second reading of the bill introdu-ed by the Prime Minister, providing RLS COATS. for compulsory military training, was passed in the House of Representa-PER CENT tives today on a call over. **Business Location** Vacant ong. Sold \$5.00 For rent or for sale 25x40, two storey hotel for sale or to rent, 16-NVENTORY ENT. OFF comed house near the railway on the G.T.P. A large variety of farm ; for sale. 150 Bruce Real Estate Co. .17 1-2 .\$1.25 BRUCE. ALTA. TTS, ETC OFFICES AT 25c KINGSTON, TORONTO, WINNIPEG, FORT WILLIAM and CALGARY. 10c 15c GRAIN MERCHANTS Jas. Richardson & Sons 300 F PRICE Experience counts. Let us handle y our grain and get full value. Consignments handled strictly on commission or net track offers made at any time on any grain of any quality. Liberal advances and prompt adjustments. Write for information to branch o flice. Room 2, Alexander Corner, Calgary, Alta mukasanananananananankankakin

