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R. E. HART, Branch Manager, 55 Grafton St., Charlottetown, P. E. I.

**ROYAL THEATRE**

BORDEN

Friday and Saturday 7:15-9:15—Matinee Sat. 2:30

The roaring story of the "BLACK PANTHER". A bold tale of piracy in the Caribbean—in Technicolor.

Starring: John Payne, Arlene Dahl, Sir Cedric Hardwicke.

Bank nite drawing worth \$35.00. Come, give yourself a chance to win.

**CAMEO THEATRE**

KENSINGTON

Friday-Saturday 7:15-9:15; Matinee Saturday 2:30.

Bud Abbott and Lou Costello are hilarious hillbillies now in "COMIN' ROUND THE MOUNTAIN", and co-starring that Park Avenue hillbilly Dorothy Shea. With Kirby Grant, Joe Sawyer. Don't miss this for real laughs and thrills. Also Serial and News.

**CRAPAUD THEATRE**

Friday 8:30; Saturday 7:30 and 9:30

"THE FIRST TIME"

A delightful comedy, starring Robert Cummings and Barbara Hale; also a double reel comedy starring the Three Stooges.

**CAPITOL Summerside**

TODAY (Saturday) 2:30 - 7 - 9:25

**BIG DOUBLE BILL**

ROY ROGERS (King of the Cowboys) and TRIGGER—in

"FAR FRONTIER"

ALSO — ALSO — ALSO

The story of the miracle that happened in the biggest city in the world!

**TAXI**

DAN DAILEY - CONSTANCE SMITH

SAMUEL G. ENGEL - GREGORY RATOFF - D. M. MARSHMAN, Jr. and DANIEL FUCHS

FREE — FREE — FREE

Each child attending the Matinee Saturday afternoon will be given ABSOLUTELY FREE a colored 8 x 10 photograph of Roy Rogers and his famous horse Trigger.

**REGENT TO-DAY 2.30 - 7 - 9.20**

**BIG DOUBLE BILL**

"KID FROM BROKEN GUN"

Charles Starrett - Smiley Burnette

— AND —

**BLASTING OUT OF KOREA!**

Front Line Story of the Combat Cameraman!

**Battle Zone**

JOHN HODIAK - STEPHEN McNALLY - LORNA CHRISTIAN

**COMING MON. - TUE. - WED.**

VICTROLA PICTURES presents

RITA HAYWORTH - STEWART GRANGER

**SALOME**

CHARLES LAUGHTON

**Hampton And Vicinity**

Miss Betty MacDonald made a brief visit to Moncton on Oct. 29.

On Oct. 6, Hampton W.I. enjoyed a delightful evening, as the guests of Victoria W.I.

School pupils are busily engaged in the potato fields during the vacation period.

Miss Manford Beer, and daughter, Shirley, made a return business trip to the City, on Oct. 2.

Mrs. Lillian Compton is visiting relatives and friends in Crapaud and Hampton.

Province-wide sympathy extends to the survivors of the tragic motor accident near Montague on Oct. 1, the worst of the year.

Mr. James H. Ferguson, son of Capt. Dan Ferguson, has returned to resume work as building contractor, at Moncton, N. B.

Mr. and Mrs. Murchison MacEachern and Miss Betty MacDonald, were week-end guests of Mr. and Mrs. Charles E. MacEachern on October 11.

Mr. Duncan MacKinnon left Oct. 4, to spend the winter months visiting his many relatives and friends residing in the New England States of the U. S. A.

Relatives and friends of Mrs. Catherine Ince, are pleased to learn, she is rapidly improving from injuries sustained to her arm over two weeks ago.

Relatives and friends of Mr. Fred Oakes, regret to learn of his serious illness in the P. E. I. Hospital, and extend best wishes for a return to good health.

Mr. and Mrs. Charles E. Bentley, and sons, Eric and John, were week-end visitors among friends in Hampton, guests of Mr. and Mrs. Murchison MacEachern.

Relatives and friends of Mrs. Gussie Cameron, are pleased to welcome her as she returns to her home in Victoria, following an extended visit to relatives and friends in Charlottetown.

Mr. and Mrs. W. E. Dunsford, with their children, Hal and Lynda, were week-end visitors among relatives and friends, guests of Mr. and Mrs. Charles R. Dunsford.

Mr. and Mrs. Evan Wright, accompanied by Mrs. C. Morrison, visited Mrs. J. W. Morrison, and Mr. and Mrs. Geo. MacMillan, at Cornwall, on October 4.

Relatives and friends of Miss Dawne MacDonald remembered her with gifts and greetings, as she

celebrated her 5th birthday among playmates and friends, at her home on Sept. 28.

Farmers will be interested in the International Wheat Council meetings in Spain's Capital this month, when the re-allocation of wheat quotas for exporting countries will be discussed.

L.A.C. H. N. Ferguson, son of Mr. and Mrs. G. V. Ferguson, has been posted to Montreal, for additional training, and will proceed to his R. C. A. F. training depot, at the conclusion of the course at Montreal.

With bumper crops prevailing, particularly grain and potatoes, an early disposal of the surplus, through our organized agencies, at better than the prevailing prices, would meet with general approval of Island farmers.

Mr. and Mrs. Howard Myers, and daughter Gloria, who have been visiting relatives and friends, have returned to Moncton, N. B., where Mr. Myers is busily engaged as a building contractor.

Students arriving from their respective universities for the week-end include: Miss Dorothy Baker and Miss Myrna Humphrey from Mount Allison, and Mr. Richard Ferguson from Dalhousie.

Relatives and friends of Mrs. Wm. Silliker and Mrs. Willard Fall regret to learn that they continue to receive medical treatment in the P. E. I. Hospital, and extend best wishes for an early return to restored health.

A foot injury, sustained by Gary, son of Mr. and Mrs. Fred MacPhail, Argyle Shore, is improving, following medical treatment, bringing pleasing news to his relatives and school pals, who hope to soon see him at school, again.

It is pleasing to learn that a foot injury sustained by Duggie MacNevein, son of Mr. and Mrs. Lyle MacNevein, Bonshaw, while riding on a bicycle, is improving under medical treatment, and his school chums are looking for his early return to school.

Mr. W. A. MacQuarrie received the congratulations from his many friends on October 10, the occasion being his 91st birthday which he celebrated quietly with his family. During the day he was busily engaged at the potato harvesting.

Mr. and Mrs. Thomas Williams have returned to Windsor, Ont., following an extended and enjoyable visit among relatives and friends, guests of Mr. and Mrs. A. E. Best. Mrs. Williams is a sister of Mrs. Best, of Hampton.

Farmers with competing animals at the Royal Agricultural Winter Fair Toronto, on Nov. 13-21, will have to compete with a multi-million dollar trainload (averaging 40 freight carloads) of the choicest horses, cattle, sheep and swine of Western Canada's farms.

Mr. and Mrs. Clarke Capwell who have been enjoying their annual summer holidays, visiting relatives in Prince and Queen's counties, have returned to their winter home in Kissimmee, Florida. While here they were the guests of Mrs. Capwell's parents, Mr. and Mrs. W. A. MacQuarrie.

Mr. William Ferguson and Mr. Everett MacLean recently motored from Toronto where they have been employed during an extended period of time, to spend a brief holiday period, visiting relatives and friends, and are the welcome guests of their parents, Mr. and Mrs. Lorne Ferguson and Mr. and Mrs. George MacLean.

Producers will be interested to learn for the first time, this year at the Royal Winter Fair, maple sugar and maple syrup classes have been established, called: "The Maple Products Division." This new department will have three sections, two for sugar, and one for syrup.

Miss Dorothy Baxter and her friend Miss Myrna Humphrey are visiting relatives and friends, guests at the United Church Menses. Miss Baxter was guest soloist at the special evening service at the United Church, Freetown. The guest speaker at this service was Rev. Mr. MacKay of Trinity Church, Summerside.

Relatives, friends and members of Hampton United Church Choir, desire to express much pleasure regarding the recently reported improved condition of Mrs. Mark Cameron, who is a patient receiving treatment in the P. E. I. Hospital, and are conveying best wishes for an early and complete restoration to good health. Mrs. Cameron is organist in the Church.

An enjoyable evening was spent at the home of Mr. and Mrs. W. A. MacQuarrie on Sept. 29, when their family and grand children assembled at their home on Oct. 29, the occasion being the 57th birthday of Mrs. MacQuarrie. The esteem in which Mrs. MacQuarrie is held was expressed by beautiful gifts and congratulatory messages received from her many friends.

With only brief intervals of suitable weather prevailing throughout haying and harvest seasons, and now including the potato digging season, the gathering of these crops has been an unusually difficult task, but like men in the armed forces, the average farmer sings: "Put all your troubles in your old kit bag and smile, smile, smile."

LONDON, (CP)—Scotland Yard checked its files on superstitious thieves after a store reported losing \$30,000 in gems and nearly \$4,000 cash. The thief ignored a valuable opal ring, considered by

**O'Leary And Vicinity**

Mr. and Mrs. Vernon Hudson of Cascumpec, spent a few days visiting in Summerside.

Miss Avis Hartling of Wallace, N.S., was a guest of Mrs. Alice Turner over the holiday.

Mrs. D. R. Wilson of Ontario, is visiting with her parents, Mr. and Mrs. Harry Boulter in O'Leary.

Mr. and Mrs. Alfred Palmer and family were business visitors to Summerside on Thursday afternoon.

Mr. George Bernard of O'Leary, is spending a few days with his brother, Mr. William Bernard in Hunter River.

Mrs. George Bernard of O'Leary left for Bridgewater, N.S. At Summerside she was joined by her daughter, Mrs. Herbie Bell.

Mr. William Bernard of Hunter River, spent a few days with his brother, Mr. George Bernard in O'Leary recently.

Mr. Jackie Arsenault moved in to his house on Friday. He had this house recently from the Brae to O'Leary.

Mrs. Florrie Baldwin has moved her house from West Point to O'Leary. Mr. Bennie Bridges was the man on the job.

There are still a lot of potatoes to be dug yet and the weather has not been favorable for the job.

Mr. Gerald Matthews and Mr. Raeford MacLean put on their first show in the hall on Friday night with a large attendance.

Mr. and Mrs. Cecil Smallman of Summerside, are spending the Thanksgiving holiday with relatives in O'Leary.

Mr. and Mrs. Gordon Hardy and Miss Lucy Hardy of Alberton also of Alberton were visitors of Mr. and Mrs. Douglas Adams.

Mrs. J. M. MacWilliams and Mr. and Mrs. Harry MacWilliams of O'Leary, motored to Charlottetown on Saturday.

Mrs. Mae Palmer, one of the teachers of O'Leary High School, is spending the holiday with friends and relatives in Halifax, N. S.

Sincere sympathy is extended to the family of the late Mrs. Lillian Baker, whose death occurred at her home in O'Leary on Saturday.

The many friends of Mr. Reggie Adams are glad to see him out around again after being confined to his home with a bad case of tonsillitis.

Miss Blanche Matthews, employee in the Bank of Nova Scotia, Summerside, spent the week-end with her parents, Mr. and Mrs. Jack Matthews in O'Leary.

Mrs. Douglas Hardy is spending some time at the home of Mr. and Mrs. Thomas Gay in Knutsford. Mr. Hardy has gone to Trenton, Ont., to take an instructor's course.

Mr. William Turner spent the Thanksgiving holiday with his mother, Mrs. Alice Turner in O'Leary. Bill is attending the Dalhousie University in Halifax, N. S.

Rev. Mr. Wallis of the Alberton United Church charge was the speaker in the United Church in O'Leary on Sunday evening. Rev. Robert Wagner was the speaker in Cascumpec on Sunday night.

Mr. and Mrs. Jack Matthews and daughter Sandra of O'Leary were visitors to Charlottetown on Sunday, guests of Mrs. Matthews' brother, Mr. Verduin Tradnick and family.

Mr. and Mrs. Charlie Collicutt of Waterville, Mass., were called home on Friday, due to the illness of their mother, Mrs. Zilpha Collicutt, who passed away shortly after their arrival.

Mr. and Mrs. Harry Ramsay of the United States, with their two children have arrived in Burton, Lot 7, called home on account of sickness, and the death of Mrs. Ramsay's mother, Mrs. Zilpha Collicutt.

Mrs. Edgar Smallman and daughter Kathleen and son James were in Summerside on Thursday afternoon. Accompanying them was Mrs. Albert Smallman and son Kenneth.

Mr. and Mrs. James Hudson and family of Summerside, spent the holiday in O'Leary, guests of Mr. and Mrs. Garth Harrison and Mr. and Mrs. John Moreshead.

Mr. and Mrs. Amos Adams and Mr. and Mrs. Horace Stewart and Miss Nettie Barwise of Sea View, were visitors to the home of Mr. and Mrs. Douglas Adams, and Mr. and Mrs. Harry Adams in O'Leary. They also visited at the home of Mr. and Mrs. Sanford Phillips in Mt. Royal.

The Nursing Course, under the auspices of the O'Leary W. I. held its fourth meeting on Wednesday night. The instructors are Mrs. L. G. Dewar and Mrs. Harry MacWilliams, both registered nurses. Mrs. Norton who is also a R.N., is assisting them. There are 38 members taking the course.

**-NEWSY NOTES-**

By J. A. Clark, D.Sc.

USING ATOMIC ENERGY

The unlocking of nuclear energy in the atom by chain reaction, "fission" in the early years of World War II, and its potentialities, started scientists throughout the world working on the possibilities of this new force. More than one hundred scientific papers were published dealing with various aspects of nuclear fission, the first year. Physicists measured and compared the large amount of energy released by fission. The allied nations realized its potential use in bombs. They also knew that the enemy was doing everything possible to forestall them. The race went on during the war, with the Allies able, on several occasions, to destroy important enemy works and materials for the preparation of the atomic bomb. Two such bombs were used to hasten the end of the war with Japan.

Very early in the war it was realized that there were two types of the uranium fission chain reaction. These, in England, were called the bomb and the "boiler". To produce the bomb it was necessary to separate several pounds of the light isotope of uranium U235 from the uranium U238, as it occurred in the natural element. Experiments at Oxford, England, demonstrated that this could be done in a very large diffusion plant, called an atomic pile.

During 1941 and 1942, Britain was so hard pressed that she was unable to build either a diffusion plant or a heavy water plant. Further, such plants would be within range of enemy bombers. It was agreed by the Allies that this work should proceed in North America, and that Great Britain should send the United States all the information secured by Lord Rutherford and his co-research workers in connection with the development of the atomic pile.

Extensive investigations were carried out in searching for a suitable site, and the one finally chosen as best from several standpoints, is at Chalk River with a village site at Deep River, Ontario. A small heavy water pile was built in a year, then a pile developing over 20,000 kilowatts of heat energy, was constructed. This has proved to be a powerful and essential atomic research tool. Laboratories and necessary buildings were built, including a pilot plant for a process of separating plutonium and other fission products from irradiated uranium metal.

The parent organization of the British Atomic Energy Project at Harwell, Berkshire, is the Chalk River Plant. Sir John Cockcroft, who for two years had directed the United Kingdom Canadian Atomic Energy Project, took over the work at Harwell, England, in the spring of 1946. He said: "We were, however, able to carry out a great deal of preliminary planning in Canada." They had no supply of heavy water in Britain, so they built from a Canadian design study, a medium power graphite pile, and later, a low power pile, which gave them a flying start in the production of radio-isotopes in Britain. They obtained their supply of pure graphite from Welland, Ontario. The plant at Harwell was developed rapidly, and has supplemented the work carried out in Canada.

The great task facing the Canadian and British project is the development and application of nuclear energy in the production of useful and economic power, for industrial purposes. At Harwell, studies on the modification of existing types of nuclear power reactors is going ahead, to make them suitable for power units. Heat generated by nuclear energy can be transferred from the reactor to a heat exchanger, by a transfer medium, such as molten metal, where steam is generated to develop power by the usual types of power plants. The principle is simple, the reactor replaces the boiler of an ordinary power station. The initial cost of the nuclear power station will be high, but it is believed that fuel costs will be less. This, however, will vary with the cost of uranium and its utilization. Lengthy and time-consuming experiments are necessary to determine how soon this new source of power may be used economically.

The world's most powerful reactor today for obtaining this information is at Chalk River in Canada. It has by far the highest rating in megawatts per ton, and can take the lead in this study. Hon. C. D. Howe has announced that: "Canada's future plans for nuclear power development suggest that the prospects are favourable." A similar opinion is held in Britain, where the information obtained at Chalk River, a chemical separation plant was built that produced plutonium metal. "They have made a start with 'Stage 2', in the nuclear power program, by building a nuclear power station that will use plutonium as a fuel. It is suggested that 'breeder' reactors may be built, which, in burning plutonium with uranium will breed more plutonium than they burn."

Radioisotopes of many known elements are produced in the reactors. Some of these disintegrate at a rate slow enough to be very valuable. One of these, known as Cobalt 60, or the cobalt bomb, has replaced X-Ray and radium in some hospitals for certain treatments, it being more efficient and not so expensive. Radioactive phosphorus, used in fertilizer studies, has great promise. In industry, isotopes are used in hundreds of plants, one use is the locating of faults in castings and in welded materials.

About two years ago Mr. Arnold Wood of West Cape imported a few sheep from England and has had great luck in raising them, and on Monday morning he shipped five beauties to Mr. Atkinson Scott in Newfoundland, and to Mr. Carle Matthews of Nova Scotia, also to Mr. W. E. Agnew of Charlottetown. Mr. Wood has taken his share of prizes at the Alberton Exhibition also.

The evening Auxiliary held their October meeting at the home of Miss Eva MacLennan on Thursday evening with the president, in the chair. There were 14 members and one visitor present. The Auxiliary was in favor of a summer Presbytery. Lunch committee for next month is as follows: Mrs. Edward MacDonald, Eva MacLennan and Pearl Craig; devotional leader, Mrs. Stanley Dumville, and the place of meeting, Mrs. Claude MacNeill. Collection \$7.70. Mrs. Clayton Stetson closed the business meeting with a prayer for Miss Florence Taylor. Mrs. Jack Matthews was the devotional leader who opened with hymn and prayer; scripture reading by Mrs. Claude MacNeill; the study lesson was taken by the leader, assisted by Mrs. Mae Palmer, Miss Eva MacLennan and Mrs. Dorothy Bernard. The friendship secretary, Mrs. Harry Adams reported 15 sick calls, eight treats, four hospital, three flowers, twelve cards.

TOTLAND, Bay, Isle of Wight (CP)—Attempts to auction an entire beach resort here were abandoned when bidding failed to reach the minimum reserve figure. The property includes a pier, hotel, three restaurants, a tavern, beach and beach equipment.

LONDON, (CP)—The United Kingdom government has provisionally agreed to grant £1,250,000 from the colonial development and welfare funds towards establishment of a university in Rhodesia. The grant is subject to conditions regarding the site and upkeep.

Venezuela in the tropical region has snow-topped mountain peaks above 9,750 feet altitude.

**ONE LEFT**

GRAY-SNYDER POTATO PICKER

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Dial 2313 - Summerside

**Retail Merchants Association**

**Annual Meeting**

Annual meeting of the Retail Merchants Association will be held in the Baptist Church Hall on Church Street, Summerside, on Wednesday, October 21st at 2:30 p.m., followed by banquet at 6:30 p.m. All members and interested independent merchants are urged to attend.

**GOOD PLOWING—fast!**

Here's a speedy plowing combination—the No. 8 Plow pulled by Farmall-M.

with No. 8 PLOWS

The McCormick-Deering No. 8 has long been the yardstick for measuring the best in plow performance. These Plows can be depended upon to turn good furrows in all kinds of going. Their rugged construction and proved design withstands the strains of plowing behind modern, fast-moving tractors. Ample clearance under beams and between bottoms assures a thorough job of turning and covering heavy growths of stalks, weeds and green cover crops. Easy to adjust — easy to handle in any field — the No. 8 Plow does the kind of work particular plowmen like.

Come in and see the line of McCormick-Deering Plows in our store. We have them in sizes to fit all types of farms, soils and power.

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