

# Will Spend 50 Million To Develop Alta. Oil Sands

CALGARY (CP)—The Royalite Oil Co. Ltd. and associates plan to spend \$50,000,000 in the next four years on development of the fabulous Athabasca oil sands 350 miles northeast of Edmonton.

Ray Athabasca, Royalite vice president, announced Saturday plans for erection of separation and processing plants and a 35-mile pipeline to transport the oil to the world's largest known reserves of oil.

The property which Royalite and its associates have on lease is estimated to contain 1,000,000,000 barrels of oil. The promoters hope to produce a premium grade of oil.

Since 1897 many companies have failed to extract oil commercially from the deposits which cover 30,000 square miles with estimated reserves of from 100,000,000.

**ORIGINAL PLAN**

Royalite's initial plans call for construction of a separation plant and a 2,000-barrel-a-day process line on the company's 50,000-acre lease at Mildred Lake.

The company expects the separation and processing plants to be installed in 1958.

"Heavy processing would be concentrated in 1958 with the 120-mile pipeline to Edmonton," Athabasca said.

Royalite, an oil company engaged in exploration, production, manufacturing and marketing of petroleum products, estimates the entire project will be ready for completion by 1962.

Construction will begin after the spring break-up this year and will be headed by Caribou Engineer Co. of Calgary.

During the 1957 summer, crews will clear away the overburden with hydraulic water guns. Warehouse, garages, machine shops, offices and living quarters will be built and the present temporary airport compacted.

**TWO YEARS OF RESEARCH**

Royalite says the program is the culmination of two years of intensive research into the development of an economical method of separating the oil from the sands.

Royalite has worked jointly with Canadian Oil Sands Development Co. of Calgary in perfecting the Coulson centrifuge system.

The Coulson system, invented by Gordon Coulson of Calgary,

separates the sand from the oil. Several previous experiments used the hot-water-washing method.

The oil sands will be mined and transported to the separation plant on the Athabasca River. Here banks of centrifuges, similar to milk separators, will separate the oil, sand and minute particles of clay.

Clean waste sand will be pumped to pits on the river flats. The oil will be transferred to the separation plant. After a process there, it will be pumped to a sulphur plant which will produce an estimated 140 tons of sulphur a day.

The resulting crude should test 20 to 30 degrees gravity, thus permitting normal flow through a pipeline.

Mr. Athabasca said the crude will sell at Edmonton at a premium price over crude from wells because it would yield more high-value products, ranging from premium gasoline to jet and diesel fuel. There would be no waste.

It is expected Royalite's own retail network of 450 outlets in Western Canada will absorb in initial stages the entire production of crude from the Mildred Lake plant.

## Christmas At Beach Grove

On December 17 the Basilia Youth Club arrived with about 30 performers and Santa. They sang carols, etc. to the children and distributed gifts to all the patients.

The Zion Young People put on a nice program in the auditorium and gave treats to all on December 18. On the afternoon of December 19 the Salvation Army arrived with gifts for all and a lovely program of music. At 6:30 p.m. on December 20 the Pupils of Notre Dame sang carols in the corridors.

Sympathy is being widely extended to the immediate relatives of the late Mrs. Margaret Doughart, whose death occurred at the home of her daughter, Mrs. Keith Lord, at the age of 80. The late Mrs. Doughart was born at Norboro, a daughter of the late Mr. and Mrs. John Glover.

Mrs. Bernard Harman has returned to Toronto, accompanied by her two young sons, following the funeral services held here for her late husband.

Best wishes for an early convalescence are being extended to Miss Maida Rogerson, daughter of Mr. and Mrs. W. H. Rogerson, who has recently returned home, following an operation in the P.E.I. Hospital.

Mr. and Mrs. Earle Callbeck and son Moyse, were weekend visitors at the home of Mrs. Callbeck's parents, Mr. and Mrs. Pearson, Chelton. Their elder son Ralph a visitor at the home of his grandparents during the Christmas holidays returned with his parents and will resume his studies at Hampton School.

Mr. and Mrs. J. W. Morrison and children were the weekend visitors of Mrs. Morrison's parents, Mr. and Mrs. Malcolm MacFadyen.

The combined church choirs held an enjoyable social evening at the manse here on Friday evening. Notwithstanding precarious road conditions for motorists there was an excellent attendance, with games humorous anecdotes, and singing, to wit away the time. Following a very delightful lunch served by the ladies, and expressions of an evening's enjoyment, and the season's greetings to the gracious host and hostess Rev. and Mrs. Charman, all departed for their respective homes, feeling that "it was good to be there."

Roads and weather conditions were somewhat detrimental to large gatherings at the services of public worship here on Jan. 6. A very attentive hearing was given to the impressive message delivered from the subject: "The Glorious Church." All uniting heartily, with the choir in the singing of the hymns suitably adapted for this service.

## HAMPTON

Wide-spread sympathy is being extended to the immediate relatives of the late Mrs. Lester Sherrin, whose early death in the P.E.I. Hospital has cast a gloom of sadness over the community in which she resided and deep sorrow in the home in the bereavement and loss of one whose memory will be long cherished. Funeral services, largely and widely attended, were held from Hunter River United Church, on Jan. 5th. Interment was made in the Church cemetery.

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## Had Their First Experience Of Campaigning In The Arctic

By WO2 FRED WAY FORT CHURCHILL, Man. (CP) It was a night to remember for some 45 chilled members of the 2nd Battalion, Royal 22nd Regiment, and three members of the Royal Canadian Army Service Corps.

Thursday night was their first experience of living in snow caves dug earlier in a drift a few miles from this northern base where they have come for a two-week Arctic indoctrination course.

Outside it was 35 below zero with a 26-mile-an-hour wind that made life almost unbearable. Inside the caves it wasn't much better at 10 to 15 degrees below zero.

Lieut. Kevin Troughton of Montreal, officer in charge of the detachment, said "my men are as tough as they come and they have buckled down to this in the same manner as they've tackled any training job the army has given them."

**NEW AND DIFFERENT**

CSM Maurice (Pipo) Juteau of Montreal looked out from his frost-bitten balcony which allowed only his eyes to show, and said there wasn't much chance of the Canadian army, or any other army, fighting a major war under such conditions.

But the training was new, different and interesting.

Majority of the men now at

Churchill are trained paratroopers. Some are veterans of the Korean War.

Groups go out into the tundra on two- and three-day exercises, living in the open or under what shelter they can devise for themselves.

During their marches each man carries a 50-pound pack of personal equipment and takes his turn hauling a 250-pound load of camping equipment on a sled. But each man gets three hot meals a day and almost always there is coffee brewing when the troops aren't on the march.

The meals are cooked on tiny cook stoves such as Cpl. Harvey Gerrard of Quebec City set up on a snow shelf outside a snow cave on the first night out and made coffee for his men. Members of his group included Pte. John Laurin, Ottawa, and Pte. Dennis Terdof of Quebec City.

**ASK RED CROSS COAL**

VIENNA (AP)—Hungarian authorities have appealed to the International Red Cross to help supply the winter fuel requirements of the country's hospitals and schools. The total needed is about 260,000 tons, Georges Rutishauser, head of the Red Cross Hungarian relief program, said here Friday.

**SCOTTISH SCIENTIST**

James Clerk-Maxwell, Scottish physicist who died in 1879, was a professor of natural history at age 25.

## Polish Minister Of Agriculture Is Ousted

WARSAW (AP)—Poland ousted its minister of agriculture today and the Polish press published sweeping reforms intended to put the Polish farming industry on a firmer economic basis.

Warsaw Radio said Agriculture Minister Antoni Kuligowski had been recalled from his post by the council of state, and Edward Ochab named to succeed him.

Ochab, a former Communist president of the central trade union committee, was made leader of the Communist party last March. He was replaced in that job when Wladyslaw Gomulka staged a comeback in the peaceful October revolution.

A joint statement by the central committees of the United Polish Worker's Communist and United Peasants' parties published throughout Poland outlined the measures for agricultural reform.

**FARM REFORMS**

They include a cut of one-third in compulsory grain deliveries and a 100-percent increase in state payments for grain.

In the future the legal rights of all landholders will be guaranteed and the right to buy, sell and lease land less than 50 hectares about 125 acres in area has been reintroduced.

A union of agricultural associations is to be formed with the aim of looking after farmers' interests, improving the country's agricultural policy and raising the general farming standard.

## Japanese MAT MEN are FAT MEN

Wrestlers under 300 pounds are flyweights in Nippon, says Sports Editor Andy O'Brien. He tells of 13-year-old boy wrestler Hoshiya Ishikawa, 215 pounds, who hopes to be a champion and earn, maybe, \$3,000 a year. Get the Standard — on sale now, complete with magazine, 12-page novel and 20 pages of comics. Only ten cents.

## The Standard ON SALE NOW

## RELIGION AND LIFE

By Very Rev. George C. Pidgeon, D.D., LL.D.  
First Moderator of the United Church of Canada

### Beware the Short Cut to Power and Wealth

As we enter the New Year, we feel the spirit of time.

How long the summer seemed when we were young, but the older we grow, the more swiftly the seasons pass, and the shift and change of all earthly things is burned into our souls. Nevertheless, "man has forever," and as such he must take the long view of life and its opportunities.

On the one hand, the call for highly trained experts is more urgent than ever in every branch of modern enterprise; on the other, the promising youth is tempted to cut short his time of study and training in order to take one of the inviting jobs that offer speedy rewards.

In this era of building, one has only to notice as he goes along the street, the way in which bulldozers dig out wide and deep spaces for basements to realize how largely the machine is taking the place of the laborer to the benefit of all concerned.

But the handling of the machine requires an ever-increasing degree of skill and reliability, and to acquire this prolongs the period of training.

Then in scientific pursuits the specialist and the expert are still more necessary.

The one who refuses to take the highest degree of preparation of which he is capable handicaps his own future and impoverishes the nation in a time of unparalleled expansion and development.

The short-cut to power or wealth is always alluring. Jesus felt the fascination of the short-cut to the establishment of His Kingdom. A study of His temptations will show that every one of them pointed to an open road to a crown.

The first of them is the last in St. Matthew's list—the short-cut of the sword.

War does what King Canute failed to do—it turns the tide of progress backward.

**LOWERED STANDARDS**

There are even more temptations in the pursuit of peace to take short-cuts to success. Every aspirant to statesmanship is beset with appeals to lower his standards in order to win the crowd.

No class of men seems more dependent on popularity than the preacher, and their name is legion who have diluted divine truth in order to win applause.

Whether one is in a high position where the welfare of many will be served by his fidelity to truth and duty or whether in private life he or she is urged to compromise virtue for favor, the principle at stake is the same—there is no royal road to integrity and service at the summit: the hard way of sacrifice and loyalty to the best we know is the only way in which we can walk with God.

The Church has the same temptation to face and her future above all others is secured only by keeping her eyes on the stars. She may fall with the best of motives.

There is her present plan for evangelism. Now if this effort is to be more than "a flash in the pan" she must do two things.

First she must enlist every member in the effort to turn sinners to the Saviour. The impression which is far too common that the church's membership is an inert body to be acted on by its leaders and who can act only through their leaders must be thrown into the discard.

Second every one brought into Christ's Kingdom should be trained for service. Bible schools for the training of Christian workers are springing up all over the land.

As we begin a New Year it is the long range of usefulness that ought to be kept in mind. The short and easy way can lead only to a success that is superficial and temporary. "Man has forever" and it is the enduring and the ultimate only that offers satisfaction to immortals.

### Protestant Orphanage Contributions

- Pownal, Mrs. Richard Jenkins, \$15.00 as 50 cents should have been.
- UIGG-KINROSS**
- Collectors, Mrs. Edison MacLeod and Mrs. M. F. MacLeod. \$2.00 each: Miss Margaret MacLeod, S. E. MacLeod, J. O. MacLeod.
- \$1.00 each: Harold MacLeod, W. E. MacKinnon, Warren Dawson, Alex. N. MacLeod, M. F. MacLeod, Arnold MacLeod, Keith MacLeod, Mrs. J. J. MacLeod, Mrs. J. F. MacDonald, Mrs. Wellington MacLeod, D. J. MacDonald, Sam Hume, Mrs. Ernest Martin, Hugh Robbins, Lloyd Robbins, S. A. MacLeod, Mrs. Weston MacLeod, Mrs. Thomas MacLean, Alex. Gillis, Donald MacDonald, Hugh MacKinnon, Ewen MacLeod, Harry Lavender, Edison MacLeod.
- 75 cents: Sandy Dawson, 50 cents: Hudson Musick.
- Total \$31.25.
- STANHOPE**
- Collector, Audrey Douglas.
- \$1.00 each: Mrs. Bruce Ellis, Mrs. Harry MacLaughlan, Mrs. Kelly, 50 cents each: Mrs. Lloyd Shaw, Mrs. Keith Douglas, Mrs. Malcolm MacLaughlan, Mrs. Harry Dawson, Mrs. Isaac Lawson, Mrs. Leigh Chappell, Mrs. Ray Carr, Mrs. Hubert Roberts, Mrs. Reg. Ross, Mrs. Horace Marshall.
- 25 cents: Mrs. Louis Marshall, 10 cents: Muriel Kelly.
- Total \$8.35.
- Collected by Ronnie Johnston.
- 50 cents each: Mrs. Lloyd Bell, Donnie Johnston, Mrs. R. M. Warren, Ronnie Johnston.
- 25 cents each: Mrs. William Ross.
- Total \$22.50.
- Grand total \$19.00.
- CRAPAUD DISTRICT**
- Collectors, Mrs. Thomas Best, Mrs. Eric Lowther and Mrs. Edw. Sherren.
- \$5.00 Princess Mary Lodge \$5.00 Crapaud W.I. \$5.00 Waddell Bros. \$5.00 Parker Canfield \$5.00 Robert Dawson.
- \$2.00 each: B. C. Wood, Lloyd Robinson, Percy Dawson, Weston Carmody, Myron Sison.
- \$1.00 each: Mary Imman, Joseph

## Concert Held At North Wiltshire

The annual Christmas Concert of North Wiltshire School staged by forty-three pupils was held in North Wiltshire Hall on December 21 with a very large attendance present. Clive Balderston, a grade nine student, capably carried out the duties of chairman.

The hall was beautifully decorated and a Christmas tree added to the decorations on the stage.

Mrs. Lloyd MacPherson was the pianist while the following program was carried out under the capable direction of the teachers: Miss Verna Clarkin and Miss Donald MacPherson.

Opening Chorus, "Say we're Glad You're Here."

Welcome Recitation, by Bernice Berrigan.

Welcome Acrostic by 7 Juniors.

Dialogue, "A Visit of Inspection."

Accordian selection by Barry Balderston.

Highland Fling by Fairlie Godfrey.

Dialogue, "The Concert Rehearsal."

Recitation by Gwyneth MacLean, Fairlie Godfrey and Dorothy Ann Parker, "Away in the Manger."

"Why we Like Santa Claus" by 5 Junior boys.

Dialogue, "All is well that Ends Well."

Rhythm Band by Juniors.

Intermission.

Square Dance, "The Dip and Dive" by 8 seniors.

Chorus, "Jimmy's Unlucky Morning."

The Irish Jig by Karen Larter, Linda Boswell and Louise Younker.

Santa Claus Acrostic by Juniors.

Solo by Marilee MacNeil.

"There's a Song in the Air and 'Silver Bells'."

Monologue, by Gwyneth MacLean. "It takes a Lot of Explaining."

Christmas Drill by 7 senior Girls.

Solo by Barry Balderston, "Meadow" and "Danny Boy."

Dialogue, "Detective Snoop and Doctor Doop" by Clive Balderston and Winston Younker.

Tableau, "Bethlehem Babe."

Closing recitation by Billy MacKenzie.

Closing Chorus, "Farwell."

Here comes Santa Claus.

Santa then arrived much to the enjoyment of the pupils. He distributed gifts to the pupils and teachers. The Women's Institute and the teachers treated each pupil and pre-school children with bars, apples and candy.

A sale of candy took place during the intermission which realized a large sum of money. All joined in singing the "Queen" and the remainder of the evening was spent in dancing. The musicians were Leonard McDonald and Harry Balderston.

Trowdale, Mrs. Allison MacLeod, Mrs. Annie Molyneux, Mrs. Laura Williams, Jean McGaghey, Mrs. W. E. Callbeck, Kenneth Paynter, Mrs. Fred Fall, Charles Harvey, Mrs. Verner Moore, Mrs. Roy Gallant, Mrs. D. A. MacFadyen, Mrs. Thos. N. Sturdy, George Nicholson, Leonard Caseley, Mrs. Herbert MacVittie, Roy Sturdy, Grace Storey, Arthur Simmons, Ernest Harvey, Thos. H. Best, Mrs. Thos. F. Sturdy, Morris Cudmore, Mrs. Bowman, Ernest Sturdy, Miss Cassidy, Lorne Higgins, Wilnot MacDonald, Mrs. George Meyers, Stafford Leard, Eric Lowther, Le Roy Howatt, Eimer MacDonald, John Lord, Lewis Myers, Mrs. John Simmons, Mrs. George E. MacDonald, Ralph Myers, Fred Sherren, Frank MacDonald.

75 cents each: Mrs. Mugridge, Mrs. Robert Mayhew.

70 cents: Bruce Gamble.

60 cents: Mrs. Murdoch Stewart.

50 cents each: Mrs. Leigh Francis, Mrs. Reagh Wilson, Mrs. Harold MacDonald, Adrian Rogerson, Mrs. Albert MacDonald, Mrs. George Sherren, Edward Sherren, Norman MacDonald, Mrs. Edwin Sherren.

40 cents: Irwin MacDonald.

Total \$85.70.

**NINE MILE CREEK**

Collectors, Mary MacDonald and Anna MacPhee.

\$1.00 each: Norman MacDonald, Gilbert MacDougall, Hector Campbell, Roy Campbell, Milton MacLaine, Sam MacDougall, Lee Taylor, Dan MacDougall, Albert MacDonald, Gordon Taylor, Lester Smith, John Betts, James Betts, Lem Gorvatt, George MacPhee, Robert Ingham.

50 cents: Robble MacDonald, James Gorvatt.

Total \$176.00.

## C.G.I.T. COLUMN

The C.G.I.T. of the United Church, Murray River, held their Vesper service Sunday evening, December 16th. The service was under Mrs. Roy White C.G.I.T. leader, and the entire group was gowned in white surplices. Edith Glover read the scripture and Car-

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We suggest early shopping, for this great once-a-year event. The articles on sale represent a clearance of odd pieces; many are one-of-a-kind. Some are slightly imperfect or shopworn. All sales are final. We are unable to accept phone orders or C.O.D.'s for this event.

In this sale are included:

- \* Jewellery
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- \* Silver Plate
- \* Fashion Jewellery
- \* China & Glass
- \* Christmas Cards
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