

# Sask. Potash Mine Output May Force Others To Close

By JIM NEAVES  
REGINA (CP) — It is estimated that Saskatchewan will be producing more than 4,000,000 tons of potash annually by 1970 and this output may force the closure of production areas in other parts of the world.

Premier Ross Thatcher, at a press conference here, said the quality of Saskatchewan's deposits is superior to those now mined in New Mexico and in other countries and he expected some potash mines in the southern United States may have to "phase-out" when Saskatchewan production starts in earnest.

He made the statement while announcing that a Mines Limited will start construction this summer of a potash mine and refinery, valued at \$73,000,000, in an area about 40 miles east of Saskatoon.

This announcement followed last month's announcement that Consolidated Mining and Smelting (Cominco) would construct a \$65,000,000 mine and refinery at Delisle, about 20 miles southwest of Saskatoon.

Monday's announcement brought to seven the number of mines now producing or under development in Saskatchewan. With the Delisle mine expected to produce 1,000,000 tons of the mineral, used largely as fertilizer, by 1969 and Noranda's proposed development slated to produce about 1,200,000 tons by 1970, total production in Saskatchewan will be well over 4,000,000 tons annually.

The government still is negotiating with other companies for the development of potash mines.

With this large amount of the mineral hitting the market about 1970, marketing problems have been carefully studied by the mining companies involved.

Alfred Powis, executive assistant to Noranda's president, said a surplus would be created by four or five substantial mines coming into operation within a short period.

Mines Minister A. C. Cameron said there is a five to six per cent annual increase in the world demand for potash and the steadily increasing world population is expected to create large markets. It would be used as a fertilizer to boost food production.

A. O. Wolff, Cominco vice-president of resources and development, of Montreal, said his company would not reveal the reserves of his company's new mine except to say "it's pretty fabulous."

Noranda officials indicated ore reserves at their mine are about 800,000,000 tons, sufficient for more than 100 years.

There now are two potash producers in Saskatchewan with an annual production of about 1,600,000 tons.

## Look, Ma, More Cavities Is Complaint

ANTIGO, Wis. (AP) — The Antigo council has asked its health and welfare committee to come up with a recommendation on what should be done about an increasing youthful complaint: "Look, Ma, more cavities."

This northern Wisconsin City of 10,000 fluoridated its water supply from June, 1940, until November, 1960, when a majority of residents voted to end the practice.

In the four years since, the state board of health reported in a survey a few weeks ago, tooth decay among kindergarten pupils has risen 92 per cent; pupils has risen 92 per cent; among second-graders, 183 per cent, and among fourth-graders 100 per cent.

After the report, by Dr. Michael S. Arva, director of the state board's dental education division, four petitions from civic groups and individuals were presented to the council, asking that fluoridation be resumed.

The council passed the petitions on to the committee, asking that it return a recommendation at the next council meeting March 9.

## WORLD'S BIGGEST

At Esthazy, International Mineral and Chemical Corporation produces nearly 1,000,000 tons annually. This now is the largest potash mine in the world.

Kalium Chemicals Limited mine near Belle Plaine produces about 600,000 tons annually.

A mine, operated by Potash Corporation of America near Saskatoon, is expected to resume operations this year. It was closed after troubles were encountered with the mine shaft.

International markets now take 45 per cent of the world's potash production. Consumption of 3,000,000 tons by the United States in 1963 is expected to increase to 5,000,000 tons by 1975.

Canadian consumption was 124,000 tons last year and is expected to increase to 195,000 tons by 1975.

Canadian potash was first discovered in an exploratory oil test hole in 1945 but it was not until the mid 1950s that the extent and exploitation possibilities were realized.

Saskatchewan's potash deposits, extending in a southern area about 450 miles long and up to 50 miles wide, exceed all other known deposits in both size and quality.

- WEDNESDAY PROGRAMS  
CFCY TV
- 1.30 p.m.—Musical
  - 2.00 p.m.—Film Festival
  - 2.30 p.m.—The Life
  - 3.00 p.m.—Moment of Truth
  - 3.30 p.m.—Take Thirty
  - 4.00 p.m.—As the World Turns
  - 4.31 p.m.—Razzle Dazzle
  - 5.00 p.m.—Forest Rangers
  - 5.30 p.m.—Music Hop
  - 6.00 p.m.—Provincial Affairs
  - 6.15 p.m.—Live Longer
  - 6.31 p.m.—Gazette
  - 7.00 p.m.—CFCY TV News
  - 7.15 p.m.—Purity Photo Quiz
  - 7.20 p.m.—Our Wildlife Resources with Charles Barriett
  - 7.30 p.m.—Spivoked
  - 8.00 p.m.—The Rogues
  - 9.00 p.m.—Red River Jamboree
  - 9.30 p.m.—Perry Mason
  - 10.30 p.m.—Festival '65
  - 11.30 p.m.—TBA
  - 12.00 p.m.—CBC News
  - 12.13 a.m.—Local Weather
  - 12.14 a.m.—Hockey Scores
  - 12.15 p.m.—Sign Off
- CKCW TV
- 9.57 a.m.—Station Sign On
  - 10.00 a.m.—Canadian Schools
  - 10.30 a.m.—Nova Scotia Schools
  - 11.30 p.m.—Across Canada
  - 12.00 p.m.—Friendly Giant
  - 12.15 p.m.—Chez Helena
  - 12.30 p.m.—Butternut Square
  - 12.50 p.m.—CBC News
  - 1.00 p.m.—Wednesday Playbill
  - 2.30 p.m.—At Home With Helen Crocker
  - 3.00 p.m.—Moment of Truth
  - 3.30 p.m.—Take Thirty
  - 4.00 p.m.—As the World Turns
  - 4.30 p.m.—Razzle Dazzle
  - 5.00 p.m.—Forest Rangers
  - 5.30 p.m.—Music Hop
  - 6.00 p.m.—National Business
  - 6.15 p.m.—Lionel Television News
  - 6.25 p.m.—Weather
  - 6.30 p.m.—Sports
  - 6.35 p.m.—Supper Club
  - 7.00 p.m.—Maverick
  - 8.00 p.m.—Dr. Kildare
  - 9.00 p.m.—Red River Jamboree
  - 9.30 p.m.—Perry Mason
  - 10.30 p.m.—Festival
- Education of Philanthropy
- 12.00 p.m.—CBC-TV News
  - 12.15 a.m.—Viewpoint
  - 12.20 a.m.—Lionel Television News
  - 12.25 a.m.—Station Sign Off

- CFCY RADIO
- WEDNESDAY
- 6.30—News and Weather
  - 6.35—Morning Roundup
  - 6.45—Island Weather, Mar. Temp.
  - 6.46—Morning Roundup
  - 6.55—News and Weather
  - 7.00—Hebrew Christian Hour
  - 7.15—Morning Roundup
  - 7.30—News and Weather
  - 7.35—Farm Report
  - 7.41—Morning Roundup
  - 7.45—Island Weather, Mar. Temp.
  - 7.46—Morning Roundup
  - 7.56—Sports Capsule & Scoreboard
  - 8.01—News
  - 8.11—Weather
  - 8.16—Morning Roundup
  - 8.45—Weather
  - 8.50—Atlantic News
  - 8.58—Thought For Today
  - 9.11—Preview Commentary
  - 9.16—Notes and Music
  - 10.00—News and Weather
  - 10.05—Kitchen Corner With Jane Ashley
  - 10.10—Notes and Music
  - 10.15—Stop The Record
  - 10.18—Notes and Music
  - 10.55—Calling All Consumers
  - 11.00—News and Weather
  - 11.05—Notes and Music
  - 11.45—Bulletin Board
  - 11.50—Notes and Music
  - 11.55—Atlantic News Roundup
  - 12.00—Weather
  - 12.05—P.E.I. Road Report
  - 12.07—Town and Country Time
  - 12.30—News and Weather
  - 12.45—Town and Country Time
  - 1.00—News and Weather
  - 1.05—Town and Country Time
  - 1.15—Tommy Hunter Show
  - 1.45—Town and Country Time
  - 2.00—News and Weather
  - 2.05—Musical Music
  - 3.00—News Headlines and Weather
  - 3.03—Trans-Canada Matinee
  - 3.30—Top in Pops
  - 4.00—News Headlines and Weather
  - 4.03—Canadian Roundup
  - 4.10—Top in Pops
  - 4.30—News and Weather
  - 5.05—The Outposts
  - 5.25—Marine Weather
  - 5.30—Interlude
  - 5.30—Bob Goulet Show
  - 5.35—The Outposts
  - 6.00—News and Weather
  - 6.15—On Parliament Hill
  - 6.20—Today's Editorial
  - 6.25—Sports Parade
  - 6.30—Business Barometer
  - 6.35—Tonight's Music
  - 7.00—Back to the Bible
  - 7.30—News and Weather
  - 7.45—Program Schedule
  - 7.46—Tonight's Music
  - 8.58—News Headlines and Weather
  - 9.00—Vancouver Chamber Orch
  - 10.00—CBC Nat. News, On Parliament Hill and In the Provinces
  - 10.30—Sound of the Sixties
  - 11.00—News and Regional Weather
  - 11.05—Starlight Serenade

- WEDNESDAY
- 6.00—The Morning Show, Part 1
  - 7.00—The Morning Show, Part 1
  - 8.00—CBC News and Inland Wx.
  - 8.15—Maritime Special
  - 8.21—The Morning Show Part 2
  - 8.25—The Bob Goulet Show
  - 8.35—Mia Ferguson
  - 9.00—CBC News
  - 9.11—Commentary
  - 9.16—A.M. Chronicle
  - 10.15—Playroom
  - 10.30—University of the Air
  - 11.00—CBC News
  - 11.05—Joan Marshall
  - 11.15—For Consumers
  - 11.20—Record Album
  - 11.45—The Archer
  - 11.45—Canadian Record
  - 12.00—Jamboree Junction
  - 12.15—Tennessee Ernie Ford
  - 12.30—Maritime Farm B'cast
  - 1.00—CBC News and Weather
  - 1.15—The Tommy Hunter Show
  - 1.45—Time Out For Melody
  - 1.59—D.O. Time Signal
  - 2.00—Time Out For Melody
  - 2.15—Atlantic School B'cast "Playtime"
  - 2.30—Atlantic School B'cast "Things of Nature"
  - 2.45—H. Hapgood Today and John Drainie Tells A Story
  - 3.00—CBC News
  - 3.03—Trans-Canada Matinee
  - 3.30—Trans-Canada Matinee
  - 4.00—CBC News
  - 4.03—Canadian Roundup
  - 4.10—Music In The Air
  - 4.15—Music In The Air
  - 4.30—Countdown
  - 5.00—Mar. Fish B'cast
  - 5.20—Tempo
  - 6.00—CBC News
  - 6.15—On Parliament Hill
  - 6.20—Today's Editorial
  - 6.25—Inland Weather and Sports Scores
  - 6.30—Business Barometer
  - 6.35—Music In The Evening
  - 7.30—Radio In'l
  - 7.55—Ladies Diamond Curling Reports
  - 8.00—Mid Week Theatre
  - 9.00—Vnc. Chamber Orchestra
  - 10.00—CBC Nat'l News, On Parliament Hill and Speaking Personally
  - 10.30—The Sound of the Sixties
  - 11.00—Music of Handel—Alan Sangster
  - 12.00—CBC News
  - 12.03—Sports Scores, Inland & Marine Weather
  - 12.15—Music In The Night

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## CONTRACT BRIDGE

By B. JAY BECKER

North dealer.  
Both sides vulnerable.

**NORTH**  
♠ A Q J 9 5  
♥ 10 9  
♦ A  
♣ A J 10 8 4

**WEST**  
♠ 6  
♥ K 7 3  
♦ 8 7 6 4 3 2  
♣ 8 7 3

**EAST**  
♠ 10 4 2  
♥ J 6 5 3  
♦ K Q 10 9  
♣ Q 2

**SOUTH**  
♠ K 7 5  
♥ A Q 8 4  
♦ J 9  
♣ K 9 5

The bidding:  
North East South West  
1♣ Pass 1♠ Pass  
4♣ Pass 6♣

Opening lead — four of diamonds.

This is one of those annoying hands where you know you can make the slam if you guess the location of the club queen. West leads a diamond and there you are, confronted with the possibility of losing a heart and a club if West has the king of hearts and you m-guess the club situation.

It is certainly not easy to know how to play such a hand. Granting that the odds favor making the slam even though you don't try hard to solve the matter—all you need is one of two finesses to work—still it is disturbing to play such a hand and wind up going down because you misguessed the clubs.

The actual declarer made the contract in a highly reasonable way. He won the diamond and drew three rounds of trumps, after which he ruffed a diamond in dummy.

He then played a club to the king, followed by the nine of clubs from his hand, West playing low. This was the big moment of decision, and, having gotten thus far, South made the right play of going up with the ace. The ace caught the queen and made the slam. Had South finessed, he would have gone down.

The reason for the ace play is a rather good one. Declarer assumed that the clubs were divided 3-2, a far more likely expectancy than a 4-1 division. Once he assumed this, the play of the ace became mandatory, since the ace play could win the contract but could not be the cause of losing it.

If East had the Q-x-x originally, there was nothing South could do at this point to control the outcome, whether or not he finessed.

But if East had only a doubleton club originally, the play of the ace guaranteed the contract. Either the queen would fall (as it did) or else East would follow low and West would be endplayed by the club return from dummy on the next trick.

## DAILY CROSSWORD

ACROSS

- Exclamation
- Roman house gods
- Poker stake
- Delighted
- Bowling alley
- Hospital employee
- Main body artery
- Star in Virgo
- Indian mulberry
- Evening sun god: Egypt
- Owens
- Nourished
- Latvian river
- A tufted bed
- German city
- Walking sticks
- Prickly, as wool
- Thus
- Pagoda
- Any fruit drink
- Upper limb
- Color
- To give preference
- Lit
- Hebr. lyre
- Beast
- Catch sight of
- Metallic rocks

DOWN

- Hawaiian greeting
- Beef or pork
- Kind of pillar
- Verb-forming suffix
- Literary composition
- Refuse of melting metals
- Stronium: symbol
- Island in Gulf of Mexico
- Alert
- Measures of medicine
- Female sheep
- Botch
- Therefore
- Den
- To trim
- Not wet

Yesterday's Answer

275 BANKERS WERE HANGED IN ENGLAND IN THE YEAR 1278

FOR THE CRIME OF DEALING IN FOREIGN EXCHANGE

STRANGEST STAIRWAY IN THE WORLD

THEA Capital of the Greek island of Santorini, the Aegean, is reached by a stairway of 1,200 steps that attains a height of 670 feet ONLY BY ZIGZAGGING UP AND DOWN A ROCKY CLIFF

3,400 YEARS AGO WAS SHAPED LIKE THE SKIN OF AN ANIMAL AND WEIGHED 56 POUNDS

## DAILY CRYPTOQUOTE

Here's how to work it: A X Y Z B A A X E is LONG FELLOW

One letter simply stands for another. In this sample A is used for the three U's, X for the two O's, etc. Single letters, apostrophes, the length and formation of the words are all hints. Each day the code letters are different.

A Cryptogram Quotation

LGDEVS WUPWML XUS X US. VGST TUBD KUXEQ LESHVX. WGBEL.—RXPRSEKUKPSL

Yesterday's Cryptquote: IT TAKES A MAN TO MAKE A ROOM SILENT.—HENRY DAVID THOREAU

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## OUR BOARDING HOUSE MAJOR HOOPLE

THIS SORTA TAKES ME BACK TO THE OLD DAYS? I WAS THE ONLY KID WHO EVER TAGGED THE PRINCIPAL WITH A SOFT TOMATO ON HALL OWEEN! HERE GOES A BULL'S-EYE!

UH, DR! THE MAJOR'S CUTTING OUT!

GREAT CASSAR!

SPLAT!

THE MAJOR WOULDN'T STAND FOR IT!

## GRANDMA

MAYBE ONE REASON I'M SO FOND OF LITTLE LEROY... IS BECAUSE HE DIDN'T ACT LIKE THE MAJORITY OF BABIES DO, THE FIRST TIME THEY SEE MY MUG.

HE SMILED!

MOST OF 'EM BUST OUT CRYING!

## NUBBIN

BEAUTY SHOPS LET US BEAUTIFY YOU

OK! START BEAUTIFYIN'!

I GIVE UP. I JUST WOULDN'T KNOW WHERE TO BEGIN.

JUST LIKE I ALWAYS SAID... YOU CAN'T IMPROVE ON NATCHERAL GOOD LOOKS!

## SECRET AGENT X-9

WE WANT A CLOSEUP LOOK AT ROD RENNIE'S 'LUXURY ISLE CLUB' PHIL! THERE MUST BE A WAY TO GET AROUND WITHOUT AROUSING SUSPICION!

LET ME SLEEP ON IT, TOM!

PHIL, DARLING—I'M GLAD YOU'RE HOME! I HAVE THE WORST PROBLEM!

THAT MAKES TWO OF US, WILDA! —WHAT'S YOURS?

MY SPRING OUTFIT! THIS ISSUE OF "HI-STYLES" HAS SO MANY TO CHOOSE FROM I'M COMPLETELY AT SEA!

HI-STYLES—SEA—HEY! I'VE GOT IT!

## MICKY MOUSE

GOOD LUCK, FELLAS!

GOT ONE ALREADY!

## ETTA KETT

WHAT WAS DAD SO STEAMING ABOUT THIS MORNING?

OUR CAR WOULDN'T START—HE HAD TO TAKE THE BUS

THAT REMINDS ME, I HAVE TO PHONE THE GARAGE—

MOM, WAIT! LET ME HANDLE THIS!

WINGEY WALLACE? YOU PROMISED TO GET THAT BATTERY YOU BORROWED BACK IN OUR CAR EARLY THIS MORNING!

## HENRY

WOOLLY WUFFLERS

## THE LONE RANGER

AS THE BRAVES WATCH, HUNTING WOLF GENTLY PULLS UP SOME BLADES OF GRASS...

WHY HIM DO THAT?

TO SEE IF THERE IS ANYTHING HE KNOWS A WOLF HAS TO SLOW THROUGH THE GRASSHOOP CHANGING FOR THE GREAT SHOT TO SPEAK!

COME! THIS IS THE SIGN! THE GREAT SHOT WILL SPEAK AGAIN TO HUNTING WOLF!

## MUGGS & SKETER

OH, F'GOODNESS! SAYS, JAMBOR. I.

WHAT COULD YOU POSSIBLY MEAN A HOLE THAT DEEP FOR?

HE GINT JUST BE PLANNING TO SURV A BONE!

HE'S GOT TO BE DRAGGAS A WHELL!

## JOE PALOOKA

MR. FOLKS! MR. WALSH! THE MOST WONDERFUL THINGS ARE HAPPENING!

IT'S ALMOST UNBELIEVABLE! LOOK... I'VE RECEIVED OFFERS TO DO GUEST SPOTS ON SOME OF THE BIGGEST SHOWS!

NOT DOG!

SHOULD I ACCEPT THEM, MR. FOLKS?

NANCY, I'M GLAD YOU ASKED ME BECAUSE I CAN KEEP YOU FROM MAKING A BAD MISTAKE!

## L'T AMBER

S-GUUG HER, GENTLY, PAPPY DEAR!