

In the Day's News

By FRANK JENKINS

How about soaring off to-day into the wild blue yonders of the future?

FOR EXAMPLE: Scientists expect to create temperatures, within a year or two, that will exceed the temperatures at the center of the sun.

What will that do? It will pass the first milestone in efforts to control the power unleashed by the H-bomb.

WHAT WILL that mean? It will mean that there will be power enough to last BILLIONS of years. Coal must eventually be exhausted. Petroleum must eventually be exhausted. Uranium must eventually be exhausted.

But— A gallon of water contains about one-eighth of a gram of deuterium, which should cost about four cents to extract. The energy content of this small amount of deuterium burned in a fusion reactor would equal approximately the energy content of 300 gallons of gasoline.

AT THIS POINT, two questions: What is fusion? What is fission?

Fusion is the COMBINING of light atoms, such as hydrogens. Fission is the SPLITTING of heavy atoms, such as uranium. Both produce energy. Fusion produces MORE energy from cheaper and more abundant materials.

HOW to turn loose this power?

Well, the problem is to make a fusion reactor that will PRODUCE more power than it CONSUMES. It will take about 50 million degrees just to bring about fusion of the atoms. Scientists estimate that a fusion reactor that could produce more power than it consumes would need

to operate at a temperature well over 100 MILLION DEGREES — if you can imagine anything that hot.

Problem No. 2: How to create a receptacle that will withstand temperatures well over 100 million degrees.

NO MATERIAL known to man will withstand temperatures even remotely approaching that staggering heat summit.

So— The scientists are exploring the theory of using MAGNETIC FIELDS as walls to hold the hot hydrogen isotopes during the process of fusion.

Don't ask me how. I'm no scientist. But they are working on the theory. Some three decades ago, nobody could see how a uranium atom could be split to produce power, but the scientists managed it.

ONE MORE question: Will these complex problems be solved? Nobody knows. But this much is reasonably certain:

They WON'T be solved by people whose ambition is to work as LITTLE as possible and play as MUCH as possible.

IN CONCLUSION, a grim thought:

If the Russians are willing to work harder than we do, will they be the LEADERS in all this potential advancement?

If so, where will we wind up?

EX-GOVERNOR DIES

Vancouver, B. C. — Eric Werge, Tammy Hamber, 80, lieutenant-governor of British Columbia from 1936 to 1941, died Sunday.

EGGS ON HIS READERS

London — Henry Smith today published a recipe book describing 1,000 ways to cook an egg.



HUMPHREY GRABS BITE—Democratic presidential candidate Hubert Humphrey (D-Minn.) grabs a bite of sandwich and talks to a friend on the telephone during a campaign visit to Seattle. Herb Waters, his administrative assistant, stands by with notes. Humphrey left Seattle for a visit to Utah. —(UPI Telephoto)

Quotes From the News

By UNITED PRESS INTERNATIONAL

Cincinnati, Ohio—Robert Garfield Brown Jr., 41, one of the FBI's 10 most wanted fugitives, quoted by the FBI as expressing relief when he was captured:

"I'm glad it's over. I knew the FBI would get me."

Washington—Soviet Ambassador Mikhail A. Menshikov, refusing to discuss the results of the first round of negotiations on Russia's World War II lend-lease debt:

"Did you expect us to settle everything today?"

Moscow, Tenn.—Mrs. Clotell G. Morton, expressing surprise over her election as mayor of this small town by a 71-51 vote:

"I didn't think the people in Moscow would vote for a woman."

Carbondale, Ill. — Southern Illinois university student James Bell Jr., a fast-draw expert, stating that many housewives could outdraw the fastest old west marshal or outlaw:

"Women naturally have nimble hands."

ENGINEER DIES

New York — George E. Goldthwaite, 70, internationally known engineer and public utility consultant, died Sunday.

TRUMAN AIDE DIES

New York — George W. Perkins, 64, assistant secretary of state for European affairs in the Truman administration, died Sunday.

CENTRAL POINT Caster Wins Contest

By DORIS HUGHES

Central Point—The Crater High school Future Farmers of America held their chapter public speaking contest Wednesday evening with John Caster winning first place for his speech, "Concrete Monsters."

In his speech, Caster expressed concern over the fact that we are destroying rich farm land with highways, factories and housing projects. He advocated conservation by using the edges of the valleys and other less valuable land for purposes in which fertility of the soil is not of prime interest and using our fine fertile soil for agricultural purposes.

Don Denning won second place with his speech on leadership in the future, the need for good leaders and what the FFA is doing to supply this need.

The parliamentary procedure team put on an exhibition with the following members taking part: Alan Bray, sentinel; Delmer Smith, Jim Frink, Dave Redmond, John Caster and Don Ryan. Alternates were Todd Caster, Russel Frink, Dennis Cornutt and Dave LaFever. Also taking part were Pete Melsted and Dave Foote, members of last year's state championship parliamentary team. They were thereby ineligible to compete this year.

Leaving Wednesday after visiting Mr. and Mrs. Lawrence Leonard, were the Rev. and Mrs. Al Motes and children, Clifford and Sally. The Motes family also visited in Gold Hill at the home of Mrs. Motes' brother-in-law and sister, Mr. and Mrs. Kendall Dufur. The visitors are former Central Point residents, now residing in Aberdeen, Wash.

George Johns, principal of Central Point Elementary and Junior High school, announced that the "White Christmas"

was successful in its purpose. All students participated in taking white wrapped cans of food to the school. These were placed beneath the two trees which were decorated by the students. Fourteen boxes of foodstuffs were packed and distributed to needy families in the area.

Mrs. Lawrence Leonard visited Friday at the home of her parents, Mr. and Mrs. George Hansen, Brownsboro.

Mrs. L. C. Johnson is in Washington, D.C., where she was called Dec. 23 by the serious illness of her mother, Mrs. Emma Cross.

MINISTER OUSTED

Belgrade, Yugoslavia — Atanase Joja, deputy premier and minister of education and culture of Communist Romania, has been removed from his post, the Yugoslav Tanjug news agency reported Sunday from Bucharest.

MAIL TRIBUNE, Medford, Or. Tuesday, Jan. 12, 1960

Man Arrested After Incident

City police arrested Arthur Grant Cleveland, 37, of 16 North Orange st., on one traffic charge and cited him on two others after a Sunday night traffic accident on East Main st., between Front st. and Central ave.

Cleveland was confined in the city jail and charged with driving under the influence of intoxicating beverages. He was also cited for operating a vehicle the wrong way on a one-way street and failure to leave information at the scene of an accident.

Police said Cleveland drove his car east on East Main st., and hit head-on, a car operated by Howard K. Sinks, 19, of 320 West 11th st.

They said that Cleveland then backed his car away from Sinks' auto and drove off without leaving any information. Sinks, who had obtained the license number of

Bank's Deposits, Loans Set Record

First National Bank of Oregon recorded new all-time high deposit and loan totals when the statewide institution reported its Dec. 31, 1959 statement of condition figures to the comptroller of the currency.

Year end deposits of \$878,642,322 were reported, topping by \$29,475,228, the record of \$849,167,094 set in 1955.

The Medford branch of First National reported year end deposits of \$27,967,333 and loans totalling \$15,780,894, according to J. A. Moore, branch manager. For the previous year deposits were \$27,970,985 and loans were \$12,783,004.

At the Central Point branch Dec. 31 deposits were \$3,263,010 and loans were \$2,183,407

according to Francis C. Ayres, manager. Comparable totals for the branch for a year ago show deposits were \$2,827,505 and loans totaled \$1,781,066. A First National branch will open next summer in the vast Lloyd Center in Portland and applications for establishment of branches at Phoenix, East Salem and Beaverton have been approved by the comptroller of the currency, C. B. Stephenson, bank president, said.

STOP KICKING STOPPED

Romsey, England — Mr. and Mrs. Gordon Peckham said they used to kick their door stop for good luck until Army experts told them Thursday the 18-pound World War I bomb was still explosive.

COLLIDE IN CHANNEL

Eastbourne, England — A Norwegian freighter collided with a Panamanian vessel in the English Channel off Sussex Sunday. Neither vessel reported any serious damage.

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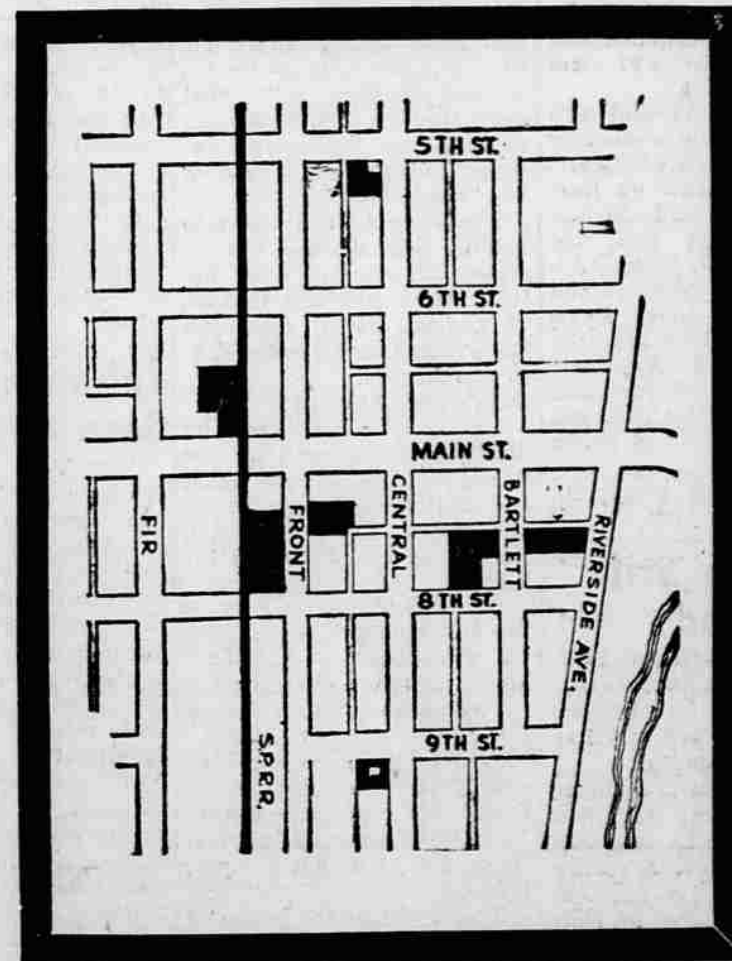
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- Main & Railroad Tracks
- 8th Between Bartlett & Central
- 29 South Bartlett

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THERE IS MORE OF EVERYTHING IN DOWNTOWN MEDFORD