

TODAY'S WEATHER

BIG SPRING AND VICINITY: Clear to partly cloudy and cooler through Wednesday. Northeasterly winds today 15-20 m.p.h., diminishing tonight. High today, 80; low tonight, 52; high tomorrow, 80.

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BIG SPRING DAILY HERALD

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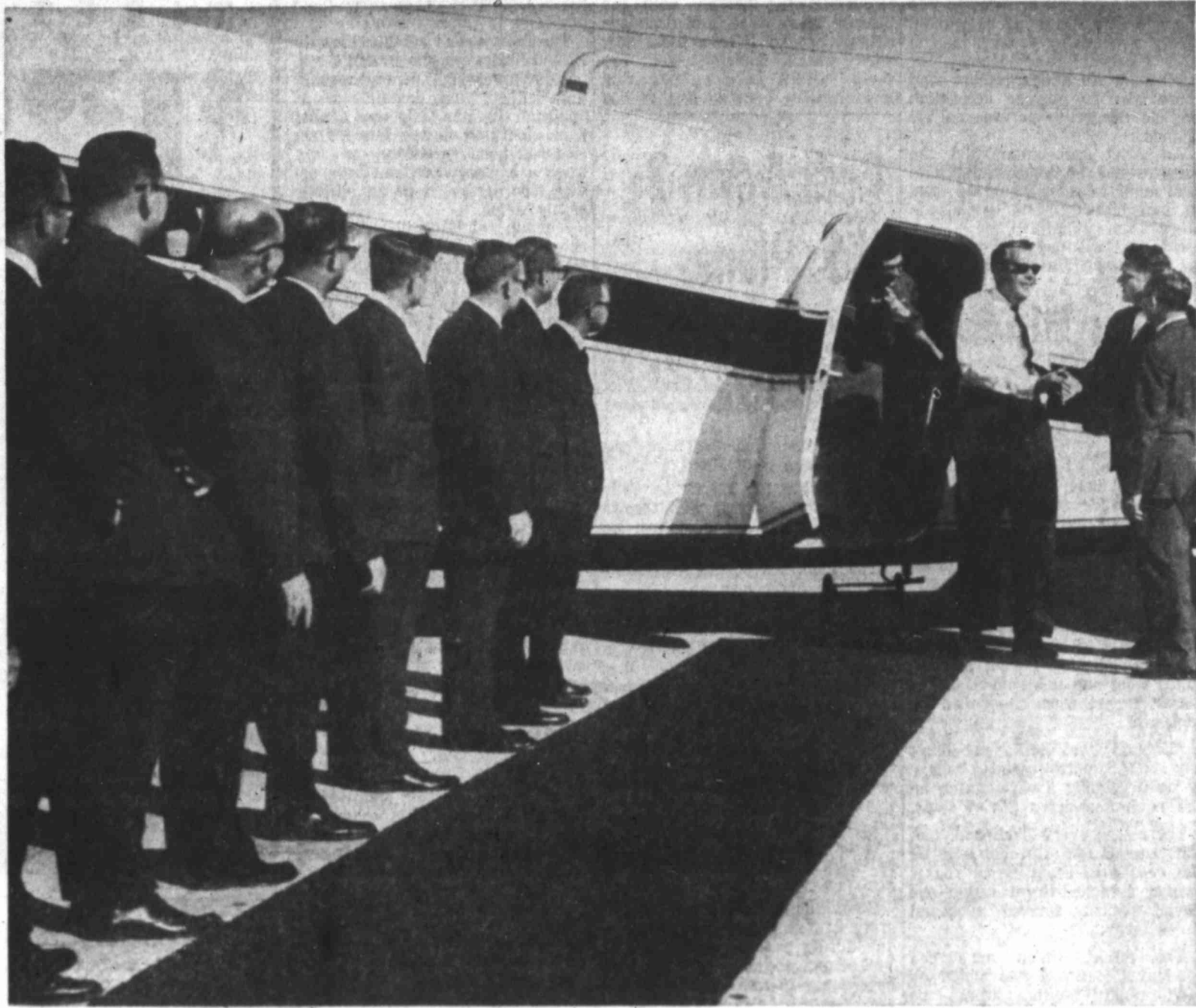
Big Spring, Texas, Tuesday, October 16, 1962

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5¢ Daily . . . 15¢ Sunday



Arrive For Plant Opening

William J. Haude, president of the Nitrogen Products Division for W. R. Grace & Co., was welcomed Monday afternoon as he stepped off the plane which brought him and five other Grace officials here for dedication of the new ammonia plant. Shaking his hand is Paul Lowery, general manager here, and Mayor George J. Zachariah. Others of the greeting party are the Ambassador's Club of the Chamber of Commerce, complete with red carpet for a royal welcome. The Grace officials arrived about 3:20 p.m. at Howard County Airport.

City To Join In Dedication Of New Grace Industrial Plant

Big Spring joins with W. R. Grace & Co. Wednesday in ceremonies dedicating an industrial facility that is destined to contribute to the productivity of the area.

Top officials of the company and its Nitrogen Products Division are on hand and will be greeted this evening by community representatives at an informal reception.

Dr. D. M. Wiggins, chairman of the executive committee of the Citizens National Bank in Lubbock and a former president of Hardin-Simmons University and Texas Western University, will deliver the dedicatory address. His speech will follow one by Harry Igo, president of Plainsman Supplies, Inc. at Plainview, on "Ammonia for the Great Southwest."



O. V. TRACY



DR. D. M. WIGGINS

Grace: William P. Gage, president of the research division; and William J. Haude, president of the Nitrogen Products Division of W. R. Grace & Co.

Others here include John G. Carriere, vice president, manufacturing Nitrogen Products Division; Dr. Robert Q. Parks, general manager of the company's vast Memphis, Tenn., ammonia and urea plants; and Frank Ronan, vice president marketing. Gage is no stranger to Big Spring because he serves as a member of the board of directors of Cosden Petroleum Corporation, which will operate the new facility.

ON FULL STREAM

Now on full stream, the plant here utilizes new technological approaches to produce anhydrous ammonia from natural gas and water. The liquid yield is extremely high in nitrogen content and is applied as a liquid below the soil surface as farmers cultivate the land. This replacement of nitrogen has had a revolutionary effect on crop production. The Grace plant is geared to turn out some 70,000 tons annually of the life-giving compound.

Today's reception will be at the Cosden Country Club starting at 6 p.m., followed by a dinner at 7 p.m. The Chamber of Commerce

red-coated Ambassadors Club will be on hand to help welcome visitors as well as the Chamber officers and directors, members of the Industrial Foundation and others. There will be a brief informal program at the dinner.

COFFEE AND COOKIES

The several hundred guests for the dedication will begin arriving after 10 a.m. Wednesday at the plant, and there will be coffee and cookies. Dedication ceremonies begin at 11 a.m. with a color guard from Webb AFB in charge of the flag raising ceremony. The Big Spring High School Band, directed by Douglas Wiebe, will lead in the National Anthem, and Chaplain B. F. Meacham of Webb AFB, will word the invocation. Douglas L. Orme, vice presi-

dent-traffic for Cosden Petroleum Corporation, the master of ceremonies, will extend a welcome, and Mr. Haude will respond with greetings from W. R. Grace & Co.

TOLLETT TO SPEAK

R. L. Tollett, president of Cosden Petroleum Corporation, will also respond on behalf of his company, which actually will be responsible for the operation of the ammonia facility. The addresses of Mr. Igo and Dr. Wiggins will follow, and then Miss Rudd, assisted by Mr. Haude, will unveil the dedicatory plaque. To this, Roy B. Reeder, president of the Chamber of Commerce, will make the response.

There will follow a tour of the new plant, which in many respects is the most novel in the ammonia-manufacture field. Guests then will go to Cosden Country Club for a reception and luncheon with Grace officials as the hosts. Guides on the plant tour will be from Local No. 826 of International Union of Operating Engineers.

Spence Calls For Stricter Enforcement

FORT WORTH (AP)—Control and prevention of water pollution "present a vast challenge to our ingenuity," the Southwest convention of the American Water Works Association heard Monday.

W. R. Hager of the Public Health Service office in Dallas said the nation's future hinges on water.

Col. E. V. Spence of Big Spring said there must be stricter enforcement of water conservation and pollution laws. He said the agency he manages, the Colorado River Municipal Water District, battles constantly to control pollution of the Colorado River.

A two-year study of the Scurry and Mitchell County areas proved that the Colorado was being heavily polluted with brine from the 1,500 oil wells in the area, Spence said.

This evidence was presented the Railroad Commission, he said, and it ordered the oil field operators to prevent the flow of brine into the stream.

There are plenty of laws to police the situation but the problem is lack of personnel to enforce the laws, Spence said.

Cuba To Welcome Algerian Leader

BULLETIN

WASHINGTON (AP)—Industrial production showed no change in September for the third straight month, the Federal Reserve Board reported today.

Cotton Acreage To Lowest Level

Freeman Sets Allotments At The Legal Minimum

WASHINGTON (AP)—Growers are faced with the toughest control program in history for the 1963 cotton crop unless Congress acts.

Secretary of Agriculture Orville Freeman set Monday a national planting allotment of 16 million acres, the minimum permitted by law and the smallest ever set under a crop control program first authorized in 1938. This year's allotment was 18.1 million acres.

The secretary said the present law forced him, because of increasing supplies and a declining market, to make this sharp reduction in allotments.

Freeman said the Kennedy administration hopes Congress will enact a new cotton program early next year allowing a larger allotment and eliminating some defects President Kennedy has attributed to the present program.

The present program features a two-price system, one for the domestic market and another and lower one for the world market. The President has said this dual system places domestic users at disadvantage with foreign competitors, with a resulting loss in markets for growers. This difference is now 8.5 cents a pound or about one-fourth of the domestic cotton price.

Freeman also proclaimed marketing quotas on next year's crop and set Dec. 11 as the date for a grower referendum on them. Quotas must be approved by at least two-thirds of the growers voting. Quotas have never been rejected and were approved for this year's crop by 96.9 per cent of those voting.

In addition to the 16 million acres for the 1963 allotment, farm law provides an additional 310,000 acres a national acreage reserve to be used to the extent needed for the establishment of minimum farm allotments provided by law.

Freeman did not set price support for next year's cotton. His determination of the allotment assumed continuation of supports at about the present average of 33.04 cents a pound. He left the price support matter, as well as the final planting allotment, open for possible congressional action. Officials said Congress would need to act by late February because planting begins then in Texas.

The national allotment will be apportioned among states, the state allotment among counties and then among farms, largely on the basis of past planting.

Freeman did not indicate what the administration wants in new cotton legislation. He said his department's Cotton Advisory Committee recommended at a recent meeting the adoption of what it called a trade incentive and choice program.

Under the trade incentive phase of this program, domestic users would be permitted, through use of government subsidies, to buy cotton as cheaply as foreign buyers. Under the choice part of the program, growers would be permitted to plant acreages in excess of their allotment. Cotton from the excess land would have to be sold at the rural price and not at the higher support price.

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Moon Rocket Due Launch On Wednesday

CAPE CANAVERAL, Fla. (AP)

Engineers and technicians, frustrated for 24 hours by a faulty spacecraft component, made final preparations today to launch the Ranger 5 spacecraft Wednesday toward the moon.

The National Aeronautics and Space Administration said there wasn't enough time to make the calibration check and replace Ranger 5 atop its Atlas-Agena B booster rocket.



Map Plans For United Fund Drive

Making plans for canvassing in behalf of the United Fund in the northwest part of the city are these workers who were briefed by Campaign Chairman Lee O. Rogers, second from top, and Angy Glenn, office manager, top right. At left

standing is Melvin Montgomery and M. N. Brown. Seated, from left, are Pauline Banks, Georgie Leach, Lusia Brown and Millie Hartfield. This division kicks off its portion of the drive Thursday.

UF Contributions Closing In On The Halfway Mark

United Fund contributions were closing in on the halfway mark this morning Angy Glenn, office manager, said the latest total stands at \$46,519.67.

Joining in with canvassing work are four more divisions this week and campaign leaders are optimistic over general prospects for the divisions just getting started as well as those who are well along on their part of the annual effort.

John Taylor's Metropolitan di-

vision was getting started this morning. Some of the workers were picking up their cards today and others will begin solicitation Thursday. The service station division, chaired by Roy Bruce, also began work today.

The Metropolitan-Latin American division will officially begin contact work Thursday, but workers already have their materials and many of them were making calls today. Clara Hernandez and

Mary Vasquez are co-chairmen of this section.

The Metropolitan-Negro division also begins work Thursday, but several workers have already begun preliminary work. M. N. Brown and Rev. Melvin Montgomery are co-chairmen.

The United Fund effort is a one-time solicitation that helps support 13 local welfare agencies. The goal this year is pegged at \$103,324.

Mental Retardation Action Is Urged

AUSTIN (AP)—The State Board for Hospitals and Special Schools adopted recommendations Monday for legislation to increase community service for mentally retarded persons.

The recommendations, sent to the Legislative Budget Board, propose establishment of county or district level units to administer local programs for the mentally retarded to be financed jointly by state and local funds.

The board also awarded contracts, including: Twelve ward buildings, two dining halls, a laundry and central kitchen for \$1,392,400 at Mexia State School to Warner Construction Co.

Eleanor's Better

NEW YORK (AP)—Mrs. Franklin D. Roosevelt, confined to a hospital since Sept. 26 with a lung infection, was reported more cheerful and active today.

Storm Grows

MIAMI, Fla. (AP)—Tropical storm Ella, after a leisurely start, whipped her top winds up to 65 miles an hour today and was expected to reach hurricane force by sundown.



NOT OFTEN IDLE
Playground at Westside Park Serves Many Kiddies

Westside Center Serves Hundreds Of Youngsters

West Side Recreation Center on West Fourth, was established originally by the American Business Club, which purchased land, and provided playground equipment and other facilities.

It serves the hundreds of boys and girls who live in the area with a place to play. The park is a busy place during the summer months, and after school in the fall and winter. A building, where

community gatherings are held along with youth activities, is a major feature of the park program.

The ABC relinquished title to the park and playground by ceding it to the city government several years ago. Money from the United Fund campaign helps keep the park in operation and permits it to continue to serve the people of its neighborhood.

Schirra Confers With President

WASHINGTON (AP)—Astronaut Walter M. Schirra Jr. talked over details of his six-orbit ride around the earth with President Kennedy today. The Schirra family watched with beaming smiles.

Congo Truce

ELIZABETHVILLE, Katanga, the Congo (AP)—A cease-fire was signed today between the Congolese national army forces and the Katangan gendarmes who have been skirmishing in North Katanga.

JayCees Tackle Logistics Problem In Vaccine Program

The tremendous logistics problems involved in providing Sabin oral vaccine to more than 40,000 people is being tackled by the Big Spring Junior Chamber of Commerce, whose "Victory Over Polio" committee met Monday.

JayCees are joining the Permian Basin Medical Society in sponsorship of mass immunization against the polio threat, a project that is set for Sunday, Nov. 11.

Every person past the age of six weeks in Howard and Glasscock counties will be urged to take the Sabin Type I vaccine as a safeguard against the spread of polio.

The Medical Society is in charge of the entire program, and

there will be a physician, a registered nurse and a pharmacist at every station. The JayCees, however, will be in charge of all non-medical volunteers, handling transportation, traffic control, deliveries, registration, and all such tasks.

Dr. B. Broadrick, in charge of the program, has announced that there will be nine stations to administer the vaccine.

In Big Spring, they will be at Washington Place School, Rannels Junior High, Marcy School, Lakeview High, Cedar Crest School, and at Webb Air Force Base. There also will be stations at Coahoma and Knott (at the schools), and one operating on a

split shift at Garden City and St. Lawrence in Glasscock County.

Hours will be from noon to 5 p.m.

It takes 25 or 30 volunteers to man each immunization station, so hundreds of persons will be involved.

Charles E. Beil is directing the JayCee part of the program. Darlye Hohertz is in charge of supply and distribution, James Cape will direct manpower, and Kenneth Pace is in charge of records. A traffic and transportation chairman is to be named.

These men said they planned to call upon various clubs, both men's and women's, to have a health program.



Son Is Red Prisoner

Mrs. Ruth Redmond, center, 65-year-old Yonkers, N.Y., widow, is depicted boarding a plane at New York's Idlewild Airport for Hong Kong from which point she proceeded to Shanghai, China. On hand to see Mrs. Redmond off are Yonkers Mayor John E. Flynn and Mrs. Redmond's daughter, Mrs. Ruth Boyle. Mrs. Redmond hopes the Chinese Reds will release her son, Hugh, who is imprisoned in Shanghai and has served 11 years of a life sentence for espionage.

Lay Priesthood Called Council Aim

By GEORGE W. CORNELL
Associated Press Religion Writer

VATICAN CITY (AP) — The priesthood of the laity.

The phrase is becoming increasingly common in Roman Catholic terminology, and to a leading American Catholic layman, it's a hint of one of the chief steps he foresees for the Ecumenical Council, Vatican II.

Martin H. Work of Washington, D.C., president of the National Council of Catholic Men, voiced belief today that fuller integration of laymen into the work of the church will be "the most important development of this council."

Work noted that already there is growing Catholic attention to "the idea of the priesthood of the laity" and added:

"We are becoming more aware of what the laity really is—that it is as much the church as priests or bishops."

Work's organization includes 9 million U.S. Catholic men. He expressed hope the council will define new principles for the role of ordinary members in the church and "make sharply clear that the function of the laity is equal to that of priests, or even greater."

For a long time, Work said, the responsibilities of Catholic laymen have been neglected. "It has been the weakest link in the church," he said.



Expelled

Kermit S. Midthun, first secretary of the American Embassy in Moscow, poses after the Soviet Union accused him of spying and ordered him out of the country. Midthun is the second American diplomat expelled within a week, apparently in retaliation for the U.S. expulsion of two Russian diplomats at the U.N. on spy charges.

laity that somehow the corporate operation of the church was not their business. While they were members of the church, it was as secondary parts of it.

Failure in the past to bring out fully the layman's share in church life, Work said, was due largely to historical circumstances—a previously less educated laity and a reaction to the 16th century Protestant reformation.

"If the Protestants were going to emphasize the priesthood of the laity, the attitude was that we must emphasize the priesthood of the ordained priests," he said.

However, he added, the one-sided emphasis is now being "balanced out" to recognize the value in both aspects.

He noted the readjustments also can contribute to closer understanding among churches—one of the aims of this historic council—since Protestants have long insisted on the "priesthood of all believers."

Work said there is no desire to detract from the teaching authority of the church's ordained clergy, but that laymen also have a part in responding actively to God and in conveying his message to the world.

Laymen are "priests in the sense of being mediators between the church and the world," said Work. He said the church needed principles setting forth this function, and also action to encourage regular channels by which laymen can express their views in the church.

In some dioceses, lay advisory boards already have been set up. Work himself is a member of a recently formed eight-member international group, including lay leaders from various regions, that meets twice yearly in Rome to serve as a kind of information adjunct to the Vatican.

Hang Onto Your Scalps

LONDON (AP)— Britain's Ministry of Health reports that the worldwide craze for glamour wigs among women has caused a shortage of human hair.

Several big companies which furnish wigs to Britain's National Health Service are cancelling contracts because their costs have gone up.

Said Jean Emile, a specialist who sells wigs outside the National Health Service: "In five years I've seen the price of hair double. It now costs me anything between three pounds (\$8.40) and five pounds (\$14) an ounce."

Killed In Crash

HEARNE (AP)— John Dolney, 17, was killed Sunday night when his car struck a bridge near Thornton on Texas 14.

Adenauer Not In Accord On Crisis Views

WASHINGTON (AP) — West German Chancellor Konrad Adenauer does not fully share the U.S. view that Russia will create a new Berlin crisis before the end of the year, Gerhard Schroeder, Bonn's foreign minister, has told Secretary of State Dean Rusk.

In reporting this, diplomatic observers said Bonn is somewhat baffled by the virtually unanimous prediction of Kennedy administration officials that Soviet Premier Khrushchev means it this time when he says that Western occupation of West Berlin must be liquidated after the U.S. congressional elections next month.

Schroeder's spokesman, Hans Hille, told newsmen after the German foreign minister met with Rusk for more than two hours Monday that Bonn believes the Russians "did not determine yet what course to take," that they are still "groping around," and that Khrushchev's threats are part of the psychological warfare being fought over the Berlin issue.

NO CHANGE There was no indication that Schroeder's report changed Washington thinking in this respect. On the day of his conference with Rusk a high-ranking administration official restated the view so often repeated in the course of the last weeks that the West likely will face a first-class crisis between now and Christmas.

One authoritative U.S. source said Monday night that if the Berlin crisis is intensified after the November elections, there is the possibility of a U.S. military buildup.

Last summer, when Berlin tensions reached a high pitch, the United States mustered about 150,000 reservists. President Kennedy has a go-ahead from Congress to take similar steps again if he deems necessary.

Khrushchev has been demanding for four years that the Western Allies accept a new status for West Berlin and abandon their occupation role. In recent months he has stepped up his threat to sign a separate peace treaty with East Germany and turn over full control of Western access routes to Berlin to the East Germans.

NO WAR CAUSE The signing of a Soviet-East German peace treaty would not, in itself, be a cause for war, U.S. officials agree. But they say any attempt to interfere with Western rights would be met by all available means, including nuclear arms, if necessary—and that this point was made to Moscow several times.

These Western rights include civilian access to West Berlin, Rusk and Schroeder agree. The United States and its allies have pledged to maintain the city's viability and this includes the free access of civilians, officials stressed.

Meanwhile, high-ranking U.S. officials and the State Department's official spokesman brushed aside reports from the United Nations suggesting a "deal" in which the West would make concessions on Cuba.

Said Lincoln White, State Department press officer: "No such offer has been made. And if it had been made, it would have been kicked right out of the window so fast that it would have made your heads swim."

Cholera Kills 40 In West New Guinea

UNITED NATIONS, N.Y. (AP)—The United Nations published a report Monday from its health chief in West New Guinea saying 40 persons had died in a cholera outbreak in a remote area on the south coast.

The delayed report, dated Oct. 12, said the deaths were caused by a form of cholera.

The U.N. report said: "Ample supplies of drugs, medicine and vaccine are available, and additional supplies, which were ordered from abroad as a precautionary measure, have arrived."

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U. S. Fails Again In Try At Rocket Nuclear Blast

HONOLULU (AP)— The United States failed Monday night for the fourth time in five tries to detonate a nuclear device at high-altitude above Johnston Island—and again a missile was to blame.

The Atomic Energy Commission said the failure was due to a malfunction in the Thor booster carrying the sub-megaton device to its firing altitude of 30 to 40 miles. The range safety officer deliberately destroyed the missile eight minutes after it was launched.

Debris from the rocket and nuclear warhead fell harmlessly into the ocean within a predesignated safety zone away from Johnston and adjacent Sand Island, the AEC said. An announcement said there was no nuclear detonation and no danger to persons on the islands.

An AEC spokesman said the tests would be rescheduled. He said other missiles would be used to launch two other devices in other tests.

One test will use a Nike-Hercules rocket and the other a special-constructed booster with the booster from a surface-to-surface Sergeant rocket. Use of these missiles would indicate the two shots will be fired at relatively low altitudes because neither has

Soviet Snoopers In Place For U.S., Red Test Areas

WASHINGTON (AP)—A trio of Soviet instrument ships reached a point in the Pacific today where they were within 450 miles of both the U.S. nuclear test zone and the impact area staked out by the Soviet Union for experimental rocket shots.

From this position it was believed the ships—the Sibir, Suchan and Sakhalin—could monitor the performance of the Russian rockets and any U.S. nuclear tests.

One American test went away today—an effort to set off a high altitude nuclear test at Johnston Island. A spokesman said the Thor missile and its nuclear warhead were destroyed in flight by a range safety officer because of an unexplained malfunction.

The Defense Department said the latest reported fix put the Soviet vessels 440 miles and roughly south of Johnston Island, and 360 miles west and a bit north of the rocket target area announced by Moscow.

Although the Pentagon didn't say so, U.S. patrol planes obviously were keeping a close watch on the equipment-laden Soviet ships.

There was every likelihood, too, that United States would observe the results of the Russian rocket firings launched from inside the Soviet Union several thousand miles away.

The Soviet Union announced Monday two areas into which its long-range rockets would be aimed—one some 1,200 miles southwest of Hawaii and the other 2,200 miles northwest of Hawaii.

The Pentagon said it was unknown whether other Russian instrument ships had been sent into the second impact area.

The Moscow statement said the tests, beginning today, were part of a research program to perfect spaceprobe rocket carriers. It also said specially equipped naval vessels will be sent into the target areas.

Some U.S. sources suggested the radar at the Army antimissile test site on mid-Pacific Kwajalein Atoll might be used to track the Soviet missiles.

The Defense Department said: "We do not see any conflict between U.S. nuclear tests and the Soviet rocket firing."

ly constructed booster with the booster from a surface-to-surface Sergeant rocket. Use of these missiles would indicate the two shots will be fired at relatively low altitudes because neither has

the necessary thrust to carry their payloads to great heights.

The failure was another blow to United States missile prestige and an embarrassing disappointment to scientists and technicians at Johnston Island. Only one shot from Johnston in the current series has been successful—on July 8 when a giant thermonuclear device was detonated at an altitude of 210 miles.

Monday night's flop followed one 24-hour delay because of bad weather. The schedule went forward Monday night toward its planned firing time of 9:30 p.m. (2:30 a.m. EST today). Radio monitors picked up a voice from Johnston saying "liftoff, liftoff."

Then, eight minutes later, the same voice screamed, "negative! negative!"

The test was designed to probe the ionosphere and Van Allen radiation belts and determine whether such explosions could be used to mask sneak missile attempts.

A Fair Gate DALLAS (AP)—The State Fair admitted 195,279 persons Monday to run the big show's attendance to 1,902,590. Last year the figure was 1,915,463.

Hearing Delayed EASTLAND (AP) — A hearing on the recent election approval of \$700,000 in Cisco school bonds has been postponed until Wednesday.

Park Plamedek, Cisco rancher, contended that 167 voters were not legally qualified and asked the court to declare the election void.

The fighter plane flew into the area today to give air support to ground forces protecting the wreckage of the spotter plane and bodies of the Americans. American sources said the ground party made contact with the Communists late today and killed two of the Reds.

CONTINENTAL TRAILWAYS Crawford Hotel Bldg. AM 4-4171

Effective Sept. 15 the Continental Trailways offers you 30 days of travel for only \$99.00. Travel the convenient way at low fares in all points. With thru connections on the new Silver Eagle that is equipped with Air Conditioning and Rest Rooms.

Reds Down 2 U.S. Planes

SAIGON, South Viet Nam (AP)—Communist guerrillas shot down a U.S. spotter plane and a U.S. Air Force fighter in South Viet Nam's central highlands Monday and today.

Three Americans aboard the spotter plane were killed.

The pilot of the T28 fighter rode his plane down and was thrown out when it hit and exploded. He was injured only slightly.

The identities of the Americans were not announced.

An earlier report said the fighter plane belonged to the Vietnamese air force, but later it was learned it was American and that the U.S. Air Force has one squadron of single-engine T28s in Viet Nam.

This was the first indication that U.S. combat planes were in action against the Communist Viet Cong.

In the past, U.S. Air Force pilots have flown combat missions in Vietnamese air force planes in air strikes against the guerrillas.

Guerrillas opened up on the hovering L28 spotter plane late Monday during a government raid on Viet Cong positions in mountainous jungle 10 miles north of Ban Me Thuot.

The area today to give air support to ground forces protecting the wreckage of the spotter plane and bodies of the Americans. American sources said the ground party made contact with the Communists late today and killed two of the Reds.

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The Defense Department said: "We do not see any conflict between U.S. nuclear tests and the Soviet rocket firing."

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THE LORD'S SUPPER
By T. H. Tappel, preacher
Church of Christ, 200 West Highway 80, P.O. Box 1353
The letter now begins to deal with the time for observing the Lord's Supper: "Concerning the Lord's Supper, Acts 20:7 is not conclusive proof that the church observed the Lord's Supper on Sunday each week then, or a command that we should now. It seems rather to be left up to the discretion of the church as the local congregation (s) may decide."
Acts 20:7 shows that the practice of weekly Communion was so well established that even the preaching of the apostle Paul, when he visited Troas, did not overshadow the Communion on the first day of the week.
They respected Paul; but on this occasion they did not come out to hear the visiting evangelist; they came together "to break bread."
This was the occasion for the Lord's Supper. And what occasion was this? Not an annual or monthly occasion; but a weekly occasion—the first day of the week. The denominational scholars admit that according to Acts 20:7, the early church observed the Lord's Supper upon the first day of every week. Read the passage again. All one can say in justification of Communion on some different occasion is "It seems all right."
—adv.

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Adlai Lashed For Report On Hopes In Congo

UNITED NATIONS, N.C. (AP) — U.S. Ambassador Adlai E. Stevenson came under criticism today from African delegates who felt he painted too bright a picture of chances for solving the Congo crisis.

African circles expressed surprise at Stevenson's disclosure that he told President Kennedy Sunday recent developments "give us some hope of a solution of the problem in the Congo."

Some delegates were privately critical when it was reported Stevenson had based this hope on word from Elisabethville that the Katanga gendarmerie and the Congolese army are ready to sign a cease-fire.

Diplomats here agreed tension would be eased by a cease-fire and Katanga President Moise Tshombe's reported offer to send the head of his armed forces to Leopoldville to pledge allegiance to the central government. But they cautioned that such actions would by no means settle the over-all issue of Congo unity.

These African diplomats recall that Tshombe has signed pledges before that he recognizes Katanga as just another Congo province. But they said he has given little indication of abiding by them.

Reports from Elisabethville said that, even while he negotiated with the Leopoldville government, Tshombe has been building up his armed forces. Various estimates put his force at from 12,000 to 40,000 men.

Tshombe also has agreed to split government revenues of his mineral-rich province with the Leopoldville regime, as specified in acting Secretary-General U Thant's plan for Congo unity. But the European-owned Union Miniere firm still pays taxes to Katanga on its large exports of copper and cobalt, and Katanga continues to keep the money.

Nigerian Foreign Minister Jaja Wachuku called Monday for quick U.N. action to settle the Congo crisis once and for all.

"Time is running out and the money is running out, too," Wachuku told the U.N. General Assembly in a policy speech. "It would be a disaster if we don't tie up the loose ends before the two run out completely."

Many delegates are convinced that Tshombe hopes through vague promises and stalling tactics to hold on until the United Nations either runs out of money or gives up trying to unify the Congo.

Five Killed

STOCKTON, Calif. (AP) — An auto and a freight train collided at a railroad crossing, killing a father and four of his six children.

I'M A NERVOUS WRECK

By HALVARD T. HANSEN, D.C.

"I'm a complete nervous wreck and I'm just about ready to give up hope. I've had the best care available and yet I've steadily grown worse. It all started after a hysterectomy several years ago. They said I had female trouble! It was bad enough before the operation, now I have blackout spells, crushing chest pains and my heart races like mad. My stomach is always upset, everything I eat gives me indigestion and I bloat so with gas that it cuts my breath off. The headaches I have constantly cause me to yell at my kids and fuss with my husband if they don't put me to bed first or in the hospital to be put to sleep for several days. I've been reading about the wonderful things chiropractic has done for other people, Dr. Hansen, and if you can't help me I guess there is just no hope."

This was the sad story given to me a few months ago by a young mother, 35 years old, with three children. She was depressed, despondent, and emotionally unstable. She was miserable and dangerously sick, sick in mind and body.

Her legs and feet were swollen as were her tear-filled eyes. She had no energy, couldn't get rest from sleep and got up tired and exhausted with sick headaches. In tears again, she explained how her condition was working a hardship on her family.

My heart poured out with sympathy. When things appear this hopeless, it's time to ask for spiritual guidance. This I did and then commenced to check her.

Our nerve instruments located areas of nerve disturbance and spinal X-ray disclosed a serious spinal condition causing the defective nerve function responsible for her miserable symptoms and mental anxiety. After the first spinal adjustment she gratefully reported a good night's sleep and headache eased greatly. Following adjustments continued to restore normal function and this once despondent mother now has a new lease on life. She moved with her family away from Big Spring and is continuing her treatment. But, before she left, she "Thanked" me and stated that she wished she had begun her treatment years before as she was a different woman. Case No. 1265.

Amazing! Such dramatic results are not so amazing once you understand that most all illnesses respond to chiropractic care, simply because when muscle tensions and/or abnormal spinal formations compress spinal nerve trunks, it chokes off life energy to the organs and parts supplied by that nerve and symptoms of pain, sickness or disease develop. Remove the disturbing nerve interference and normal function and health return as nature regulates it. We invite you to visit the Hansen Chiropractic Clinic and see for yourself. What can you lose except your ill health?

1004 11th Place, across from Piggly Wiggly. AM 3-3324 —Adv.

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European Common Market Termed Beneficial To U.S.

By HOUSTON HARTE

FLORENCE — Texas has three vital products which the development of new markets in Western Europe can effect. They are wool, cotton and oil. Wool is imported into the United States. We never have produced our local requirements. Cotton and oil are in greater surplus than in years. There is little hope U. S. consumption can equal production in the foreseeable future.

The European Economic Community grows as our own economic and commercial representatives feel it will. We must know what effect this new economic force will have upon Texas' three important products?

It was a relief to hear the average consular authority in our offices here unequivocally say it would increase the purchase of American products, particularly raw products, within the Common Market. They say the general over-all consumption of the people whose countries make up the Common Market has increased remarkably during the last three years. Europeans are buying things they never dreamed of owning 10 years ago.

Take automobiles as an example. On a check day in 1959 there were 19 million automobiles on the Italian roads. At the same check this year there were 23 million cars on the roads. That means 4 million cars in Italy alone were consuming gas, oil and tires that did not exist three years before. This is an increase of 20 per cent.

As these officials point out 4 million new automobiles on the roads of a small country like Italy does a lot to many other lines of business. For one thing it requires more hotels.

The tourist business is one of Italy's most important foreign exchange producers. But it never had created a great deal of internal business. Today that is changed. Just outside of Florence, at the junction of two principal autostradas (super highways) a 14-story hotel, which is operated a good deal like a motel, has been built. It has a giant service and parking area around it and is something really new in Italy. If it succeeds there will be hundreds of these hotels built in the Common Market countries.

This hotel is five miles from downtown Florence. It has been built by the government's own oil company, which is becoming more and more a competitor of Esso, Shell, Mobil and British Petroleum in the distribution of gasoline and oil. In downtown Florence four new hotels have been built since 1959 and still it is as

hard to get a room here as it was before.

Northern Italy is the most prosperous part of the nation, but at the same time it is where the Communists have their greatest strength. This is explained by the charge that the northern Italians are still resentful of the so-called papal states of a hundred years ago.

Pope John XXIII made a 450-mile pilgrimage recently to Loreto and Assisi, two shrines in Italy. The papers report 150,000 saw him at Loreto, a town of 7,200, and as big a crowd at Assisi. This does not appear to bear out this explanation of clerical resentment. To me it demonstrated the fact that John XXIII is a popular leader and at more than 80 years of age is sturdy and deeply loved by this 99 per cent Catholic nation. It may point to the fact the Italian Communist party, although it is the largest outside Russia and its satellites, has no hard core. Communists are using its Communist vote more as a protest to a hard life, which up to this time has provided merely an existence.

A higher living standard is doing a great deal for Italy from a political standpoint our representatives here believe. One of our officials made these four points as to the benefits we, as a western power, will receive from the economic improvement in Italy:

1. Property owners are not interested in communism.
2. People who feel they are advancing are not interested in forming the local support for Communist coups.
3. Higher income provides more taxes.
4. More taxes give more money for defense.

Italy's military budget for 1962 is the largest in its history. It not only gave the U. S. a large order for tanks this year, which it is paying for in cash, but it has paid its obligations to the U. S. for the past relief up to the year 1960. This is 17 years in advance.

Prosperity brings higher wages. Higher wages pull workers from the farms, where earning a living is hard and in most cases can be done cheaper with machines. A better wage scale for Italians helps our higher labor costs.

A few years ago little Italian boys peddled the tourists to shine their shoes. A shine costs a few lira. Today it costs more to get than it does in New York. At a shine stand the price is 250 lira. You better not come back if you do not give a 50 lira tip. That means a shine costs 300 lira or 48 cents. A shoe shine from the men who shine shoes in your New York office is 25 cents tip and all. Europe hasn't solved all its problems, but it is making progress. There is still the caste system. Certain jobs call for a cer-

Crossword Puzzle

- ACROSS**
1. Epic poem
 3. Mothers
 10. Hoisting device
 11. Imaginary Utopian republic
 13. Scarcer
 14. Valleys on the moon
 15. Adjective suffix
 16. Shepherd's pipe
 18. Adherent suffix
 19. Raids
 21. Poker stake
 22. Unit of reluctance
 23. Daub

- DOWN**
1. Muse of poetry
 24. Bib. character
 27. Iota
 28. Dill seed
 29. Part of a church
 33. Delay
 34. Ireland
 35. Cutting tool
 38. Elderly
 38. Takes a header
 40. Quality
 41. Turn away
 42. Agalloch wood
 43. Utmost

ARPA AWA SAP
LAIR BEGONIA
VERSE ACORN
SEC ELA TOL
ENTERS DEB
CADET ETA SO
OZ WED IRISH
BUG RUEFUL
RIP OWL LYE
RIVAL EERIER
ATELIER OPAL
MLN PRY WERE

Solution of Yesterday's Puzzle

2. Wide-bladed hoe
7. Bad: prefix
8. Girl's name
9. Afternoon nap
10. Malayan dagger
12. Flower
17. Conger
20. Waste allowance
21. So may it be
23. Calumny
24. Mud volcano
25. Common No. Amer. cudweed
26. Of a sovereign
27. Vedic cloud dragon
29. Algonquin Indians
30. Caverns
31. Set to work
32. For fear that
34. She: Fr.
37. Nigerian Negro
39. Herb eve

Cold Water For Burns Winning Medical Votes

ATLANTIC CITY, N.J. (AP) — Cold water is winning more medical votes as the best treatment for burns.

The cold is credited with relieving pain faster, and also with promoting faster healing.

Instead of putting grease on a hand or finger or other area burned by a stove, a match or other heat, some recent medical advice has favored bathing the affected area with cold tap water or ice water.

This idea is by no means brand new. Dr. T. C. King of the University of Kansas School of Medicine said today. Ancient Hindu writings advised the same treatment.

The first-aid manual for Russian soldiers advises exposure to cold water or cold air, he added. And an Icelandic doctor recently joined U.S. colleagues in reporting quicker relief of pain from cold water.

Speaking to the American College of Surgeons, Dr. King described animal experiments in which quick local cooling resulted in far less severe general injury to the burned body.

In a similar experiment, Dr. Jose M. Ferrer and associates of Columbia University's College of Physicians and Surgeons also reported better survival from extensive burns in animals which had been chilled.

These experiments were aimed at learning why the cold treatment is beneficial, the surgeons explained. One reason appears to

be that there is less loss of vital body fluids in the burned areas.

Whether the cold treatment would be best for humans who have suffered very extensive burns cannot be answered, Dr. King said. But the laboratory evidence tends to support cold water as a good idea at least for minor burns.

In any case, he and Dr. Ferrer agreed, the cold water or ice packs must be applied within a few minutes. Half an hour after a burn, the cold treatment does not seem to do any good.

Children's Play To Be Held Over

"Aladdin and the Wonderful Lamp" will be held over at the Casa Manana Merry-Go-Round Theatre in Fort Worth. Final performance of the children's classic will be presented at the theater-in-the-round at 10:30 a.m. Saturday.

The extra week for the initial effort of the new Merry-Go-Round Theatre means that the second show, "Cinderella," will not open until Saturday, Oct. 27.

Big WARD WEEK bargains — and I didn't even need my wallet!

Take advantage of the 90th Anniversary Ward Week Sale and open an all-purpose CHARG-all account

NO MONEY DOWN! Just say "charge it" — then you and your family can enjoy what you want now — without waiting! You can take advantage of the Ward Week Sale without disturbing your budget. Be your own credit manager. Just check the chart at the left.

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40	800
50	1,000

For terms on balances over \$1,000, visit or write your Ward Store.

WARD WEEK SALE Oct. 10th to 20th

tain mode of dress, which is a mark of servility.

The job at the top still is reserved for the elite—the old families. Youth does not aspire to be the head of a company or the boss of a big outfit. Traditionally it is not done. There is no long term credit which enables a bright boy with ability and a workable idea to get financial backing.

There are many state monopolies. It would take a great deal of study to learn them all but here is a partial list: tobacco, matches, railroads, shipping, airlines, electric power, telegraph, telephone, television and radio. Most of these were taken over by the government during wars or to rebuild these necessary facilities after the wars have been lost or won.

But the European Economic Community is offering its own people and the world an opportunity to grow together rather than to try to dominate each other. The first half of the 20th Century has brought the automobile, the telephone, the airplane, the radio and television. Now in the space age we face atomic energy capable of destroying mankind. Our political development must equal the new stress of living. We must be able to outsell our western way of life to ourselves and the undeveloped nations. The European Economic Community may point the way to great cooperation between the many nations which the last war and its consequences created.

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4-30-13	24.95	18.70*	4-70-15	30.95	18.70*
4-30-13	26.95	20.20*	4-70-15	34.75	18.35*
4-30-14	28.95	21.70*	4-70-15	36.75	20.00*
4-30-14	32.45	24.30*	4-80-15	39.95	22.45*

*Plus excise tax. No trade-in required. White walls proportionately priced.

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1. Against road hazards for the specified time. Adjustments pro-rated on month used.
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4-30-14	20.95	15.70*	4-70-15	19.95	13.45*

*Plus excise tax. No trade-in required. White walls proportionately priced.

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WARD'S 90th ANNIVERSARY—JUST SAY 'CHARGE IT!'



MR. AND MRS. J. F. O'BRIEN

O'Briens Observe The 60th Year Of Marriage

LAMESA (SC) — Mr. and Mrs. J. F. O'Brien observed their 60th year of marriage Oct. 14, when a family reunion was held at their Lamesa home. Hosts for the occasion were their children, Earl of Eastland; Cecil of Lamesa; Mrs. J. L. Kennedy, Morton; Mayme Lee O'Brien, Houston; Connie O'Brien, Boyina; and Mrs. O. L. Harp of Welch.

He began farming operations at that time, but retired several years ago.

For a number of years O'Brien served as county commissioner of Precinct 3, and has been a trustee of the county school board for the past 21 years.

A Baptist deacon for 58 years, he had moderated Baptist Association meetings here.

The couple has 21 grandchildren and 17 great-grandchildren.

HOLLYWOOD BEAUTY

Lori Martin Has Simple Facial Advice

By LYDIA LANE

Lydia Lane invites your letter but regrets a personal reply cannot be given. If you would like your problem answered in her column, write to Lydia Lane, Questions and Answers, care of The Big Spring Herald, P. O. Box 1111, Los Angeles 53, Calif.

Q. I have always been on the plump side, and my job is in a factory that has no dining room or kitchen, and we have to bring our lunches. There is no place around for us to buy anything. Liquid formulae do not agree with me as a steady diet, and salads wilt. Please tell me some way I can avoid bread.

A. When Abbe Lane was traveling with a band, she made no-bread sandwiches. "I would take a large apple cut in slices and put cheese or meat between. It's also tasty with all kinds of spreads. Another trick is to use slices of cheese with egg salad or meat between. This way I had a delicious high-protein lunch I could eat picnic fashion."

Q. I have a nice figure with one exception—my stomach is on the potty side. I do not have time for an elaborate routine, but if you could give me one exercise, I could find time to do it religiously every day.

A. This is Barbara Eden's favorite way of keeping her stomach muscles firm. "I lie on the floor and tuck my toes under the couch. I put my hands behind my neck and rise slowly to a sitting position and go back to the floor again, repeating 15 times." If you are a beginner, start modestly and take time to work to 15.

Q. I am 14, and every so often my face breaks out. Then I have a terrible time getting it clear again. I would appreciate knowing what teen-aged actresses do for their complexions.

4. Young Lori Martin of the



Fresh Complexion

Lori Martin, young star of "National Velvet," offers advice on complexion care for the teenager in today's column. She uses a method for cleaning her skin that prevents the spread of infection.

Tastes O' Texas Entry To Terminate Saturday

Time's a wastin' if you haven't sent in your favorite recipe for the Herald's "Tastes O' Texas" contest. The deadline is midnight, Saturday, Oct. 20, leaving little more than four more days to enter.

All recipes will be published in a special Herald edition. Contestants, both men and women, may submit as many recipes as they desire; but they must be the home developed, family treasured kind. Cash prizes will be made on the basis of originality, simplicity of preparation and neatness of entry. Preparations using boxed mixes are not acceptable.

Each entry must be typed or printed; classified as to the division; named, with ingredients listed in order to be used with specific measurements and cooking instructions given. Full name and complete address of the contestant must accompany the recipe.

There is to be a \$100 cash prize for the recipe judged best overall. Also, there will be a \$10 prize for each winner in the divisions

of salads, breads and rolls, main dishes, vegetables, cakes or pies, one-dish recipes, and general desserts. Judging will be done by home economic experts.

Send all entries today to "Tastes O' Texas," Big Spring Herald.

Workshop Is Planned At Texas Tech

LUBBOCK — Texas Tech's School of Home Economics will be the hostess for the annual workshop of the Texas Home Economics College Clubs, Oct. 18-20. All sessions, except for a fashion show, will be opened to the public.

Featured speakers for the meeting will be Dr. Bernice Moore and Mrs. Florence Low.

Dr. Moore is associate director of the Hogg Foundation for Mental Health and a consultant in Home and Family Life Education for the Texas Education Agency.

Mrs. Low is president of the American Home Economics Association and assistant director of home economics in the Texas Agricultural Extension Service.

The meeting will start Thursday evening with a get-acquainted party at the home management house for delegates and a meeting of the group in the Pioneer Hotel.

Dozier Notes 95th Year

GARDEN CITY (SC) — Members of his family gathered here Sunday to pay their respects to Mr. Mack Dozier on his 95th birthday.

Mr. and Mrs. Carl Hightower were hosts in their home. Mrs. Hightower is a daughter. Others attending were a son, County Judge Ot Dozier; Dr. and Mrs. Percy Turner and children of Water Valley, Mrs. Turner is Mr. Dozier's granddaughter.

Mrs. Sutherlin Gives Program

Mrs. John Sutherlin presented the program "Rim of Asia" for the Monday meeting of the Lydia Circle, the First Christian CWF, was a guest.

Mrs. Robert Peck demonstrated a hygiene kit which will be sent to the district meeting at Brownfield. A dress length kit was selected as this year's project. Nine members and one guest, Mrs. B. F. Meyer, were present.

Patient Expected Home This Week

GARDEN CITY (SC) — Mrs. Clyde Reynolds, who underwent surgery recently at the Shannon Hospital in San Angelo, is convalescing satisfactorily. Members of the family expect her to be able to return home Wednesday.

ESA EVENT

Island Party Is Part Of Mu Kappa Rushing

The third in a series of rush parties of Mu Kappa chapter, Epsilon Sigma Alpha Sorority, was held Monday evening in the home of Mrs. Hanson Lawhon, 3008 Calvin, with Mrs. Loy Carroll as hostess.

Upon arrival, each rushee and

sorority member was presented with a lei in keeping with the Hawaiian motif. This theme was also used in the dining room where guests were served with melon and cantaloupe balls, milled pineapple and grapes from a melon shell, encircled with yellow marigolds and burgundy dahlias. Leis further decorated the table laid with a white and pink cloth. A similar decoration was carried out on the serving bar, where fruit punch was served from an antique crystal punch bowl.

Episcopal Guild Plans For Tea

Tentative plans were made for a silver tea to be held Nov. 12 when St. Mary's Episcopal Guild met Monday at the Parish House. Mrs. Cliff Proffitt was hostess to 14 members. The invocation was led by Mrs. Ray Boren, and the benediction given by Mrs. John Hodge. Mrs. Lee Hanson gave the devotion.

The Guild will prepare "parcels for peace" which will include cotton goods and T-shirts to be presented at "World Community Day," Nov. 2, at the First Methodist Church.

Small Fry Sandwich

Small fry usually enjoy a sandwich of raisin bread with a cream cheese or cottage cheese filling.

Travel Comfort Tips Given By Miss Lane

Appearing in a 1912 car coat with hat and driving gloves, Miss Carol Lane was introduced by Mrs. Neil Norred at the travel comfort program sponsored by the City Home Demonstration Clubs Council, Monday at Fellowship Hall, First Methodist Church.

"Tour-Alluring USA" was Miss Lane's address which was illustrated and demonstrated with many hints in travel costumes, packing for long vacations or weekend trips.

A demonstration for people who forget their comfortable shoes showed how to make scuffs from newspapers. Miss Lane suggested packing darker colors such as the blacks, browns, and grays, for traveling.

Miss Lane is travel director for Shell Oil Co.

Attending as guests from Midland were Ralph Ginn, area training representative for Shell Oil.

4-H Club Has A Cooking Program

Mrs. Jim Caddell gave a cooking demonstration for the Monday meeting of Gay Hill 4-H Club, held at the school. She made butterscotch mounds, and at the same time showed the group how to use an electric saucepan properly. Forty-four members attended.



Plans Told

Mr. and Mrs. Carroll A. Taylor announce the engagement and approaching marriage of their daughter, Zea Lynn, to Thomas Michael Jenkins, son of Mr. and Mrs. Sam Jenkins. The bride-elect, graduate of Lamesa High School, attended McMurry College. The prospective bridegroom, also a Lamesa graduate, is a student at Texas Tech. The wedding is planned for Nov. 22 in the First Presbyterian Church, Lamesa.

Mrs. Fenley Named Class President

Mrs. W. M. Fenley was elected president of the Golden Circle Sunday School class, Phillips Baptist Church, during a Monday night session in Fellowship Hall.

Other officers elected were Mrs. R. L. Baker, vice president; Mrs. Rufus Tucker, secretary; and group leaders, Mrs. C. L. Mason, Mrs. R. Hulsey, Mrs. E. Ledbetter and Mrs. W. L. Bryant.

A devotion on the 23rd Psalm was given by the teacher, Mrs. R. J. Barton. Following the business session refreshments were served to 10 members and one guest, Mrs. W. M. Petty, Mrs. R. M. Stroup, hostess, used the Halloween colors for the table motif.

The next meeting will be Nov. 12 with Mrs. Joe Peay, hostess.

Miss Gibson Plans Autumn Wedding

LAMESA (SC) — Mr. and Mrs. Wendell Gibson are announcing the engagement of their daughter, Genevieve Sue, to Larry Gene Bulard of Colorado City.

The bride-elect, a graduate of Dawson High School in Welch, attended South Plains Junior College. She is employed by Dotty Dan Mig. Co. here. The prospective bridegroom is a graduate of Lamesa High School, and is employed by Boss Irrigation here. The wedding is planned for Nov. 22 in the First Baptist Church of Welch.

Missions Subject Of Circle Study

"Enlistment for Missions" was the book studied by members of the Christine Coffee Circle, First Baptist Church, Monday morning. Held at the home of Mrs. T. B. Atkins, 1720 Yale, the meeting opened with the calendar of prayer, read by Mrs. Dick Lane. Prayer was offered by Mrs. J. P. Dodge.

Nine members participated in the study, led by Mrs. Charles Sweeney. They were dismissed after repeating the circle prayer.

Mrs. J. P. Dodge will be hostess for the next meeting, Nov. 12.

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Program Given For The Guild

Opening a Monday evening session of the Wesleyan Service Guild, First Methodist Church, Mrs. Ches Anderson gave the devotion based on The Beatitudes. She stressed a quotation by James B. Donovan, "If the free world is not faithful to its own moral code, there remains no

society for which others may hunger."

Held in the church parlor, the program was a continuation of the study on "The Rim of East Asia." Introduced by Mrs. M. R. Turner, Guild president, Mrs. B. F. Meacham gave an informal account of her experiences while she and her husband, Maj. Meacham, were stationed in Okinawa. During her talk she displayed various articles of a personal collection which included inlaid lacquer trays, a jewel box, dolls, linens, china, pictures, colorful kimono, etc.

She told of accomplishments of the United Church of Christ in which the Methodist church has an active part; of the leprositium supported by the Episcopal church; and personal interest stories during Maj. Meacham's chaplaincy there. She emphasized the need for trained Christian teachers and lay leaders in the land.

The benediction was worded by Miss Gladys Burnham, study leader.

Thirty-one members joined in a social hour when refreshments were served by hostesses, Miss Twila Lomax, Miss Burnham and Mrs. J. D. O'Barr.

Council Has Session Here

Mrs. Garland Conway presided at the Monday evening meeting of the Howard County P-TA Council at Howard County Junior College. Mrs. M. A. Dunagan read a poem for the opening devotion.

Selected to receive the H.C.J.C. scholarships, given by the council, were Anita Murphy, Gay Hill, and Neil Garner, Forsan.

Mrs. Hollis Puckett, 16th District president, gave a report of the fall workshop held at Stanton. Announcements were made concerning the state convention to be held in Fort Worth, Nov. 13-16. Every unit was urged to send delegates.

Elected to the nominating committee were George Archer, Gay Hill; Marritt Romans and Mrs. Roy Klair, both of Forsan; Darrell Flynt, Elbow; and Mrs. M. B. McPhaul, Midway.

Ten members represented Forsan, Elbow and Gay Hill schools. The next meeting will be Jan. 21, 1963.

BSP Council Is Host For Tacky Party

Fifty members and 11 rushees of Beta Sigma Phi chapters attended the "tacky party," given by the City Council Monday evening at the Flame Room of Pioneer Gas Co.

All decorations carried out the tacky theme and prizes were awarded to Mrs. John Berry and Mrs. Charles Snyder for having the best costumes.

Rushees attending for Mu Zeta were Mrs. Karl Reeves, Mrs. Kirt Roloffs, Mrs. Loyd Jones, Mrs. Joe Sharpnack, Mrs. Beverly Jones, Mrs. Don Mansell, and Mrs. R. T. Newell. From Beta Omicron were Mrs. Jerry Kelley, Mrs. Bob McCarty, Mrs. Don McEntire and Mrs. Don Kenner.

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Caroline Go Bang; Papa Mad?

WASHINGTON (AP)—President Kennedy has learned to his dismay that cannons on the White House lawn can drown out everything but daughter Caroline and her friends.

He learned this as he stood tight-lipped and at attention while cannons on the south lawn boomed a welcome for Premier Ahmed Ben Bella of Algeria.

After Ben Bella had conferred with the President and left, a reporter asked Kennedy what he thought of the childish noises that came from the second floor during the ceremonies on the lawn.

"We will talk about that this afternoon," he said.

The President then smiled—but only slightly—whirled, and rushed into the White House.

"Was Caroline punished?" a newsman asked White House press secretary Pierre Salinger Monday night.

"Not that I know of," he replied.

During the ceremonies, every boom drew a shrill-voiced "Bang" from the President's daughter and her friends in their kindergarten on the second floor of the White House. Every command to the military color guard drew a mimicking order from the happy children upstairs.

Neither Kennedy nor Ben Bella cracked a smile or furrowed a brow at the high-pitched, giggling chorus. But most newsmen, diplomats, and State Department officials did not suppress their smiles.

This was the first time President Kennedy has welcomed a foreign chief of state on the White House lawn with a 21-gun salute. The cannon usually boom their welcome at the airport.

For Caroline, who will be 5 next month, and her classmates, it clearly was an unusual day that deserved an unusual demonstration. They provided it.



A Difference

Plugging National Newspaper Week for the Houstonian, college newspaper at Sam Houston State Teachers College, Huntsville, is Miss Judy Fife, 19-year-old history major from Huntsville. The theme for this year's national observance, Oct. 14-20, is that newspapers make a difference in people's living. Miss Fife is an ROTC company sweetheart and an Alpha Delta Pi sorority pledge.

Police Pup Pulls Boner

INDEPENDENCE, Mo. (AP)—Satan, a veteran police dog, made a slight error. He held a detective while the fugitive got away.

Police had been watching a house Sunday night for a man wanted for burglary.

The man fled out a rear door. Satan and his working partner, patrolman Charles Stevenson, pursued.

The police dog cornered the man a block away and held him. But Stevenson fell into a ditch.

Robert Smith, a plainclothes detective, arrived with drawn gun. Satan released his prisoner and grabbed Smith's arm to prevent him from firing. The wanted man escaped.

Texans Among Junketing Solons

MEXICO CITY (AP)—Two Texas Congressmen are among a dozen en route to the 51st conference of the Interparliamentary Union in Brazil.

Sen. Ralph Yarborough and Rep. W. R. Poage stopped here last weekend. They and other congressmen were honored at a luncheon by Mexican legislators.

Stabbed To Death

HOUSTON (AP)—Mrs. Lunell Bush, 22, was stabbed to death Monday in a knife fight at a cafe. No charges were filed against the other woman.

Big Spring (Texas) Herald, Tues., October 16, 1962 5-A

Many Firms Set Up Disaster Plans

NEW YORK (AP)—While the West Coast adds up the millions of dollars of damage from hurricane winds and torrential rains, business firms in all parts of the nation are pushing plans for reducing the impact of major disasters.

The Atlantic and Gulf coasts also know the staggering toll that hurricanes can take. The interior states know the fury of cyclones and tornadoes. Any city, any plant might face the disaster of fire, flood or explosion.

Most firms are insured against such loss. But often the disaster can threaten the very life of the company. Many companies could not survive without their records, even if insured on property loss.

NEW EFFORTS

And since the Berlin crisis of 1961—now being heated up again along with Cuba—the possibility of nuclear attack has spurred new efforts by companies, industries, and groups to prepare for disaster even though expecting it won't happen.

The Financial Executives Institute, a group of top fiscal officers of the nation's corporations, reports its special Panel on Policies and Plans for Major Disaster has drawn up guidelines applicable both to nuclear or peacetime catastrophes.

The panel of corporate officials studied and coordinated plans and preparations of companies in the fields of aircraft, banking, manufacturing, metals, petroleum, life insurance and public utilities.

SINGLE EXECUTIVE

The study advises putting responsibility for planning, developing and implementing the disaster program on a single high-level executive. Part of his duties is knowing the national plan worked out by military and federal agencies and liaison with Civil Defense in the community.

A company should plan for continuity of management, in case disaster removed key men. Many companies are drawing up an emergency executive succession list. The panel warns against letting employees get the idea such a list applies to normal advancement programs. It also adds that keeping contact with retired employees is a good idea, just in case.

The panel urges revision of the accepted plant safety programs, with an eye to fitting them to major or regional disasters as well as to plant crises.

Emergency repair plans should be drawn up, with named employees given definite tasks for restoring electric power, communi-

cations, water, gas, sewerage, buildings and equipment.

Protecting vital records runs a wide gamut. Some companies store records at a distance. Others duplicate them and disperse copies in branch offices. But the panel urges a close look at records to choose only the truly vital for disaster control programs.

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MINTER, FLINN NOMINATED

Familiar Names Cropping Up Among Players Of Week

Familiar names are beginning to crop up in the Daily Herald's "Player of the Week" nominations...

who also played splendidly against Lee. Minter's blocking opened the door time and again for Steer ball carriers...

after he had passed 24 yards to Eddie Herm to set up the score. Trent's aerials went for 75 yards in five completions...

Pierce Shines As Giants Pull Even In Series

By JIM BECKER Associated Press Sports Writer SAN FRANCISCO (AP) — Throughout a long and distinguished major league career...

Games In 1968 May Go To Los Angeles

U.S. Olympic Committee — numbering about 40 — was to certify officially today the city to make the bid.

Representatives of Los Angeles, scene of the last summer Olympics in the U.S. in 1932, San Francisco, Detroit, Philadelphia and Portland, Ore., made their presentations for the summer games

before the Olympic site committee Monday. All were termed impressive.

AT SAN FRANCISCO

Sanford Opposes Terry In Finale

By JACK HAND Associated Press Sports Writer SAN FRANCISCO (AP) — After 13 days, 6,000 miles of jet travel and six ball games...



HALLER

ries from the Yankees since 1922. In six series meetings, the Yanks hold a 4-2 edge, winning in 1923, 1936, 1937 and 1951.

They have been held at Berlin, London, Helsinki, Melbourne and Rome since being at Los Angeles in 1932. They will be in Tokyo in 1964.

Longhorns' No. 1 Rating Fails To Impress Royal

By JACK KEEVER AUSTIN, Tex. (AP) — The coach of the University of Texas Longhorns, named today as the No. 1 college football team in the nation...

Alabama. Bear Bryant's club collected 24 first-place votes, however.

QBC TO HEAR SCOUT REPORT

Films on the Big Spring-Midland Lee football game, which Big Spring won by the score of 19-7, will be screened for the benefit of Quarterback Club members tonight at the high school cafeteria.

Harris Is Tops In 2-4A Scoring

Rusty Harris, Abilene High speedster, is leading by 12 points over Odessa Permian's Mike Love in the race for football individual scoring honors.

Morales Battles Armenta Tonight

Hilario Morales tangles with Everardo Armenta tonight in a Juarez fight ring over ten rounds. Morales is the junior welterweight who is being managed by Melton McMorries of the Tarzan community (Martin County). Armenta is the Mexican champion.

Mantle Comments: He Won't Talk

SAN FRANCISCO (AP) — Mickey Mantle and Roger Maris, the power pair of the New York Yankees, were morose and silent Monday after their 5-2 World Series loss to Billy Pierce and the San Francisco Giants.

2-4A CHART

Table with columns: Team, W, L, T, Pct., Pts. Opp. listing scores for Abilene High, Odessa Permian, Midland High, etc.

7-AA CHART

Table with columns: Team, W, L, T, Pct., Pts. Opp. listing scores for Big Lake, Crane, Mason, etc.

3-AAA CHART

Table with columns: Team, W, L, T, Pct., Pts. Opp. listing scores for Lake View, Latessa, Brownfield, etc.

3-AAA CHART

Table with columns: Team, W, L, T, Pct., Pts. Opp. listing scores for Lake View, Latessa, Brownfield, etc.

Boston Celtics Strengthen Lineup With Lovellette

BOSTON (AP) — Boston has bolstered its bid for a record fifth straight National Basketball Association championship by acquiring Clyde Lovellette for pivot insurance behind Bill Russell.

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who has to play almost every minute of every tough game. Auerbach had requested that St. Louis owner Ben Kerner hold off placing the 33-year-old one-time University of Kansas All-American on waivers until Boston owner Walter Brown could make an offer.

SPIRITS LOW? TRY VERNON'S

Imported Wines Cocktail Ice Cubes Drink-In Window 602 Gregg

Blackshear Loses To Gabino On TKO

SAN ANTONIO, Tex. (AP) — Jose (Pollo) Gabino of Reynosa, Mexico, beat Ollie Blackshear of Houston on a technical knockout in the fifth round of a scheduled 10-round fight Monday night.

Coyotes, Denver City Are Still Rated Atop Classes

DALLAS (AP) — Wichita Falls, Denver City and New London easily held their places at the top in the Dallas News poll of schoolboy football teams today but Brownwood was being challenged in Class AAA by the defending champion, Dumas.

6-A CHART

Table with columns: Team, W, L, T, Pct., Pts. Opp. listing scores for Hamilton, Post 46, Clyde 27, etc.

3-AAA CHART

Table with columns: Team, W, L, T, Pct., Pts. Opp. listing scores for Lake View, Latessa, Brownfield, etc.

3-AAA CHART

Table with columns: Team, W, L, T, Pct., Pts. Opp. listing scores for Lake View, Latessa, Brownfield, etc.

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PHILLIPS TIRE CO. AND JOHNNY JOHNSON INSURANCE AND REAL ESTATE Present: Steers Of The Week ON KFNE-FM 95.3 Hear Coach Robbins comment on the outstanding lineman and back of the week. 6:55 P.M. On KFNE-FM 95.3

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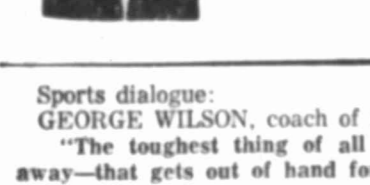


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LOOKING 'EM OVER

With TOMMY HART



Sports dialogue: GEORGE WILSON, coach of the Detroit Lions: "The toughest thing of all in football is the game that gets away—that gets out of hand for unforeseen reasons. A few, quick mistakes, a slip, a fumble, an interception, and the floodgates are open and you are steam-rollered. Then all the planning doesn't mean a thing and all the work goes for nothing. You are completely helpless and this is why you need a great defense to stay alive in this league."

TOM SILER, Knoxville writer: "Lost art—the centering of the ball for punts and field goals. Not that almost all teams put the ball in play from the T-formation, the centers are not adept at snapping the ball a long distance. In almost any college game, you'll see at least one snap the kicker must field a Willie Mays."

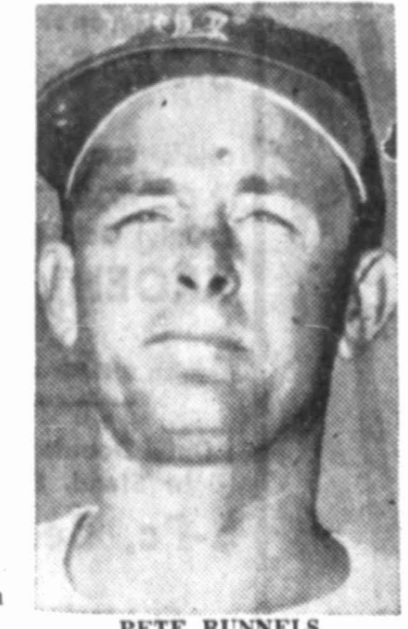
JACK GALLAGHER, Houston writer: "State pride motivated Pete Runnels to his second American League batting championship in three years. Norm Cash won it last year. Runnels said, with a grin: 'All I'm trying to do is keep it in Texas.'"

DUFFY DAUGHTERY, Michigan State grid mentor, in Look magazine: "In reply to our followers who think we should win them all, I've been quoting the late Bob Zupke of late, who remarked, 'A football coach's main problem is that he is responsible to irresponsible people.'"

DR. JOYCE BROTHERS, holder of a Ph. D. in psychology and not for her provocative perceptions in human behavior: "We (women) had better begin to understand that this masculine obsession with sports involves something more than a mere diversion or love for the game. Let's face it—every man is still a kid at heart and a frustrated hero to boot. There is in him a bit of Walter Mitty, who pictures himself performing every feat or deeding-do he sees or reads about. He identifies himself with every outstanding effort and vicariously shares the glory that comes to the athlete performing deeds of skill before millions of admiring spectators. He may not want to admit it, but it's true because it's human. Also, sports contests amount to a series of well-regulated wars. Nobody is exempt, which makes it very civilized, and yet there is the exquisite satisfaction that stems from seeing a favorite win and the enemy subdued or humiliated. . . . Nor should we overlook the fact that a man's interest in sports serves very practical purposes. For both social and business commerce, it gives him a handy conversation piece, a special language that assures other men he has similar interests."

HARMON KILLEBREW, Minnesota home-run king: "Young fellows would do well to study the cliches in baseball such as 'leaves the strike zone,' and 'hit the ball where it is pitched.' Maybe that's why they're cliches—because they're worn out with use. But I was able to hit more homers after I learned the strike zone."

WOODY HAYS, football coach at Ohio State: "Sports eventually will play a major role in easing racial tension at Southern colleges. Eventually, when equilibrium is restored, we will see that sport is the greatest equalizer in democracy."



PETE RUNNELS

Ex-Con Fails In Attempt To Hijack Bus

COLUMBUS, Tex. (AP) — A young Texan tried to hijack a highballing Greyhound bus between Houston and San Antonio Monday night, wounding one man.

Driver Charles Couser and one of about 20 passengers foiled the attempt, which led to the arrest of Ted Mundine, 24, after he fired several shots inside the bus.

Mundine is a former convict who last lived in Houston. He told Colorado County Sheriff J. O. Walker he was en route to San Antonio with his wife and 20-month-old son.

Moises Rodriguez of Monterrey, Mexico, was shot in the chest with a pistol but was not seriously wounded. He was taken to a Weimar hospital.

Walker said Mundine would be charged with assault with intent to murder and with robbery.

Couser said Rodriguez does not speak English and he was shot after Mundine ordered him to raise his hands.

"At first I thought someone had the radio on," said Mrs. Lorene Hetzel of Galveston, one of the passengers. "Then I saw a man put a gun to the driver's head."

"He said 'Pull over or I'll blow your head off,' so the driver stopped."

The passengers said Couser left the bus but did something so an inexperienced driver could not start it. He ran several hundred yards to a store and called for help.

"The man couldn't start the bus, so he came through the aisle asking everyone if they could drive it," Mrs. Hetzel said.

"He wiped the gun across my face and I could smell the smoke. He asked me if I could drive and I said no, and he said 'I ought to kill you.'"

The passengers said Mundine fired three to six times and threatened to kill each of them after asking if they could drive the bus.

Everett Wood, 34, of San Antonio was credited by fellow passengers with helping in the rescue.

"I was on the floor," Wood said. "The guy started reloading his gun and I thought about jumping him."

"But I wasn't sure that he didn't have some shots left, so I waited until he left the bus. Then I crawled to the front and locked the door."

Mrs. Mundine told Walker her husband bought the gun earlier this month in Houston. She was questioned and released.

Mundine was under the bus when highway patrolman Alton Adcock arrived.

8-A Big Spring (Texas) Herald, Tues., October 16, 1962



DEAR ABBY Daughter's Selection

DEAR ABBY: Our daughter (22) is planning a large church wedding. She wants her sister (26) to be her maid of honor. The older daughter has been going with a divorced man for the past year and a half. He has never mentioned anything to us about his intentions of marrying her, and as far as we know he hasn't mentioned them to her, either. He appears to be making a fool of her. Our daughter says unless we include her friend in the wedding party and let him sit at the bridal table with her, she will not be in the wedding party. My husband says we should include him and avoid the fuss. I am . . .

UNDECIDED: Whether the man intends to marry your daughter is beside the point. She has made it plain that he is her choice and, if he agrees to escort her to the wedding, perhaps they have an "understanding." Include him or risk alienating your daughter.

DEAR ABBY: I am 17, my little sister is 12, and my mother is going to have a baby around Christmas. Mother is 41 and she

has never had a baby shower given for her. I know she would like one. I would like to surprise her with a baby shower but am not sure whether it would be proper because of her age. Mother has lots of friends, and one real close one who could help me with the plans. I have my own money saved up for refreshments. Do you think it would be all right if I went through with my plans?

A DAUGHTER: DEAR DAUGHTER: The thought is very sweet. Honey, but it is not proper for a close relative to give a shower. Why don't you discuss it with your Mother's closest lady friend? You could be the "inspiration" and let her be the sponsor.

DEAR ABBY: I can tell you why ONE woman went through her neighbors' trash. Years ago, when two of my mother's plump hens were missing, she went through the neighbors' trash until she found the feathers from one Rhode Island Red and one black and white Dominecker—exactly what she'd lost. Mother went to the door and knocked. She could smell her chickens cooking, but nobody answered! She never did confront the two-legged skunk who stole them, but she knew who the thief was.

TRASH INSPECTOR'S DAUGHTER: CONFIDENTIAL TO PAUL: People who live in stone houses shouldn't throw glasses.

What's on your mind? For a personal reply, send a self-addressed, stamped envelope to Abby, Box 3365, Beverly Hills, Calif.

For Abby's booklet, "How To Have A Lovely Wedding, send 50 cents to ABBY, Box 3365, Beverly Hills, Calif.

"We have seen the President of the United States go to the extent of using military force to safeguard the rights of man."

EDINBURG, Tex. (AP) — The name of George Anderson will remain on the ballot for county clerk, the Hidalgo County Democratic Executive Committee decided Monday. Anderson died last week. Julio Guzman will continue as acting county clerk until Jan. 1 when county commissioners name a successor to Anderson.

Cox, Connally Trade Barbs Over Voting

By The Associated Press
Texas' candidates for governor traded sharp words Monday about voting irregularities.

John Connally, the Democrat, accused Jack Cox, of "attempting to impeach and impugn every election judge in Tarrant County."

Cox said that only his election would assure voters that ballot box chicanery would be corrected.

Connally drew cheers from an estimated 2,000 at a barbecue in Fort Worth, his home town. He referred to published accounts of an Arlington speech by Cox quoting the GOP nominee as warning against ballot box stuffing.

"I would like to call upon him now to be more specific," Connally said. "Let him name names."

Turning to reports of Democratic campaign signs being ripped down, Connally said extremists were to blame.

Mrs. Cox joined her husband in a televised rally at Lubbock, where associates congratulated the couple on their 20th wedding anniversary.

Cox said there would be voting irregularities "as long as there is only one political party in Texas."

"I'm sick and tired of stolen elections and of stuffed ballot boxes," the Republican said.

Cox said he proposes to back "an industrial expansion program unequalled in Texas" and wants the state to hold the line on taxes.

Other Democratic nominees at the Fort Worth barbecue were Preston Smith, for lieutenant governor; Waggoner Carr, for attorney general, and Joe Pool, for congressman-at-large.

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quarts.

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Or racking up 40,000 miles on a set of tires.

That's because once you get used to some of our economies, you don't even think about them any more.

Except when you squeeze into a small parking spot. Or renew your small insurance. Or pay a small repair bill. Or trade in your old VW for a new one.

Think it over.

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FREE SEALY MATTRESS
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Early American Lounge Chair Reg. \$130.50 **\$57.75**

SLIGHTLY DAMAGED, 2-PC.
Early American Living Room Suite Reg. \$229.95 **\$95.50**

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Early American Living Room Suite
Includes: Platform Rocker, Sofa Bed, 2 Step Tables, Coffee Table, 2 Lamps
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MODERN, NYLON COVER
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Damage Suit Is Being Tried

A jury had been selected and witnesses were on the stand in the trial of a damage suit in 118th District Court today. The jurors were seated at the Monday afternoon court session.

The case is styled Herbert L. Stewart and others vs. J. K. Mathews. It is an action growing out of a car wreck of Dec. 4, 1959, in which two women—Stewart's mother and wife—were killed.

The case is complex in that both litigants have filed petitions asking damages. Mathews, an Oklahoma salesman, has sued Stewart in a cross-action and Stewart has filed his suit on his own and others behalf.

This is the first case to be called for trial on this week's docket. Judge Ralph Caton said there are three other civil cases marked ready for trial. It is not believed all of these can be tried this week. The present case will take all of today and possibly part of Wednesday to try.

Second case slated is that of Cosden Petroleum Corp. vs. M. O. Hamby, a suit for damages.

Burglars Rifle Coin Machines

The juke box and the cigarette machine at the Tip Top Drive-In, 2200 Gregg, were robbed of \$52.25 in change some time between closing time Sunday night and noon Monday. R. E. Parker, janitor, stopped Policeman Ted Lancaster as he drove by Monday morning and requested an investigation. Lancaster said entrance to the building was gained by breaking the glass in the door used by the car hops.

Commission Gives Okay For Tunnel Under 9th St.

Malone and Hogan Foundation Hospital was given authority this morning to go ahead with plans for a tunnel under Ninth Street. The action came during a special meeting of the Big Spring City Commission.

The tunnel will connect the hospital's planned clinic, south of Ninth Street, and the present hospital building. It will enable attendants to move patients between the two buildings without risking inclement weather or traffic hazards.

In other business, the commission approved recommendations from Forrest & Cotton, consulting engineers, for modification of the city's old sewage disposal plant.

Drive Chairman Named For Chest

LAMESA (SC) — Ray Renner, chairman of the Dawson County Community Chest campaign this year, has announced the selection of division chairmen.

Heading the panel on advance gifts is LeRoy Olsak; Charles Bratcher and Walter Buckel are co-chairmen of special gifts; Skeet Noret, farm and ranch; J. D. McAmis and Jim Norris, co-chairmen of the employe division.

The 1962 drive is scheduled Oct. 23-Nov. 15 and the goal is \$38,134.95.

United States Day

AUSTIN (AP)—Gov. Price Daniel designated Oct. 23 today as United States Day in Texas.

under the bond program, and authorized deduction of the two percent sales tax from equipment bought by the city under separate bids for the new sewage plant; passed three re-zoning ordinances on the third reading.

In a discussion of the Ninth Street tunnel the commission considered the fact that no utilities would be disturbed at the location since none were under the street, but that tunnels would not be permitted where sewer, water, gas, or telephone lines, are under streets or easements.

Morris Clanton, who owns property in the Rice Addition east of the rodeo grounds, appealed to the commission for rezoning six blocks and acreage, from residential to general residence, to permit trailer parking. The appeal was made from previous rulings by the planning and zoning commission which had rejected the request.

Clanton requested the zone change Sept. 5, 1961, again on July 18, 1962 and the third request was filed Sept. 5. The Planning and Zoning Commission, based on citizen objection and that commissioners felt the change would not upgrade the area, rejected the request all three times.

The city commission tabled the request until the regular Oct. 23 sioners could visit the site before taking action. Clanton told commissioners he felt the area was not suitable for residential property and that he needed to facilitate its use by other means.

The commission approved a request for hanging a "Cox for Governor" banner, 3 by 36 feet, across East Fourth street, provided consent of utility pole or building owners is obtained. Ordinances passed on final

reading included rezoning of three areas. They were southwest corner of Marcy and Birdwell Lane, from residential to retail; the west one-half of the Brennan residence block between Lancaster and Bell from residential to multi-family and three lots in the northwest corner of Fifth and Austin from residential to commercial.

Doc Ellis Visits Lions

Members of the Evening Lions Club were urged to higher effort in recruiting new members by D. M. (Doc) Ellis, Midland, district governor, at a regular meeting Monday evening.

Ellis was here for one of the regularly scheduled district governor's visits. Accompanying him were Dr. Steve Shannon, deputy district governor, and M. O. Messerschmidt, both of Midland.

Ellis reported briefly on his trip to the International Convention at Nice, France, and announced that the mid-winter conference is scheduled to be held at Brady in January. He said the district convention will be held in May at Midland.

Visitors from the Downtown Lions Club were Louis Carothers and John Dibrell, both of Big Spring. Carothers announced that a zone meeting will be held tonight at the Hiway Cafe, Coahoma.

The meeting was held in Fellowship Hall of the Wesley Memorial Methodist Church.

Tower's Talk Due Locally

Big Spring will be one of 14 area communities participating in a closed circuit two-way tele-communications system to bring an address by Sen. John G. Tower on Thursday.

The public is invited to attend the event at 8 p.m. at headquarters of congressional candidate Dennis Taylor, at 206 E. 4th. Taylor is due to be in Stanton that evening for a rally, but he is expected to speak briefly following Sen. Tower's remarks on current problems including the Cuban situation. Sen. Tower will be speaking from East Texas.

A highlight of the program will be a question and answer period with Sen. Tower as time will allow. Questions should be submitted to the local program coordinator, Ralph McLaughlin, prior to the two-way broadcast in order to save time and confusion.

Telephone companies serving the area will install special receiving facilities which will be supplemented by regular visual projection equipment in each of the receiving communities. Due to participate are Muleshoe, Plainview, Floydada, Lubbock, Levelland, Tahoka, Brownfield, Lamesa, Seminole, Big Spring, Colorado City, Andrews, Crosbyton, Morton, Littlefield. Refreshments will be served afterwards.

Islands Shaken

CHRISTCHURCH, New Zealand (AP)—An earthquake swayed tall buildings in towns and cities of both islands of New Zealand today and triggered spectacular snow and ice avalanches in the mountains.

Solon Denies Quotations

SCRANTON, Pa. (AP)—Rep. James E. Van Zandt has denied a published report that he quoted Secretary of Defense Robert S. McNamara as saying "war over Berlin is imminent."

The Republican candidate for the U.S. Senate told newsmen Monday during a tour here that he said at a news conference in Hazleton only that McNamara had reported at a recent closed-door congressional meeting that the situation in Berlin is quite serious. Carl Romanelli of the Hazleton Standard Speaker said that the story that appeared under his by-line "is absolutely" as Van Zandt said it.

A spokesman for the Defense Department denied that McNamara ever said war over Berlin is imminent. The spokesman said McNamara stressed the seriousness of the Berlin situation in a closed-door session with the House Armed Services Committee.

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WEST TEXAS ROOFING CO. 803 East 2nd AM 4-5101
COFFMAN ROOFING AM 4-5081
OFFICE SUPPLY—
THOMAS TYPEWRITER-OFF SUPPLY 101 Main AM 4-6821
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WATKINS PRODUCTS-B. F. SIMS 1004 Gregg AM 4-4883
HOUSES FOR SALE A-2
\$100 MOVE IN. Unique corner lot, spacious 2 bedroom house, located 2 blocks south of Jr. College. Excellent condition, attached garage with utility and storage, nice fenced yard with patio. Open for inspection at 1200 Michael after 6 p.m. For information call AM 3-4488 or AM 3-4561.
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• Hand School location. 3 bedrooms, only \$7700. Has \$7500 FHA loan available.
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OPEN HOUSE EVERY DAY at 1303 Stanford. Come by... and be as surprised as we were.
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3 BEDROOM 2 BATHS, older home, 1/2 acre, \$9000 total, 1121 Mohila, AM 4-4334.

Big Spring (Texas) Herald, Tues., October 16, 1962 9-A

REAL ESTATE A
HOUSES FOR SALE A-2
SELL OR Trade: LATE 3 bedroom house, lot 98x200, 214 NE 12th, AM 3-2362.
McDonald
AM 4-6097
McCleskey
AM 4-4227
611 Main AM 4-4615
Peggy Marshall AM 4-6765
Bobby McDonald AM 3-3544
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SEE OUR BEAUTIFUL HOMES
AND LOTS IN CORONADO HILLS

10 ACRES WITH Nice home and small cottage, barn and stables. Will consider trade. Silver Birch Addition.
WASHINGTON PLACE—3 bedroom brick on large corner lot, spacious den, dining room, 2 baths, electric kitchen, intercom. Will take trade.
2 BEDROOMS, DINING room, den, 1 1/2 baths. On 2 acres overlooking the hills. BAYAN.
BEAUTIFUL DUPLEX, good location, perfect condition. Nicely furnished. Make good income and home.
40 ACRES near Country Club.
2-BEDROOM HOME. Corner lot in Parkhill Addition. Vacant Now.
NICE HOME with guest house in rear on Johnson. \$750. Good terms.
BEAUTIFUL 3-bedroom home, 2 bath on Morrison. Carpeted, drapes, fenced yard.
BEAUTIFUL HOME on Alabama, 3 bedrooms, 2 baths, carpeted, fenced yard. Small down payment.
100x140 FT. LOT. Corner—close in on Runnels.
3 ACRES. Well located in City Limits on BAYAN.
43 ACRES of irrigated land—1/4 miles go. Owner will finance loan.
LOVELY BRICK home, 3 bedrooms, 2 baths, fenced yard, electric kitchen, carpet, drapes, low equity. Douglas Addn.
BEAUTIFUL BRICK HOMES—College Park. 3 bedrooms 2 baths, den, dining room, double garage, fenced yard, sprinkler system.
BEAUTIFULLY DRAPED, carpeted, air conditioned, 3 bedrooms, patio. Like new inside and out.
3 OR 4 ACRES—Large brick 2 bedroom, modern throughout.
STORY AND HALF—4 bedroom, 2 bath home. Den and woodburning fireplace.
100 ACRES ON Highway 80 for commercial site.
BEAUTIFUL BRICK home in Worth Perfection Addition.
150-140 FOOT LOT—Close in, corner lot on Gregg Street.
CALL US For Excellent Buys
EIGHT 1—ACRE Tracts.
19 ACRES South of City.
BY OWNER—Meadowbrook Addition—beautiful 3 bedroom homes, 2 or 2 1/2 baths, kitchen-den combinations, built-in, 1/2 mile East Sand Springs. AM 4-7306.

TWO STORY COLONIAL
New 3 bedrooms, 3 baths, air conditioned, electric kitchen, carpeted, paneled den, paneled dining room plus a large recreation room that is 12x25 ft. This beautiful home on Rebecca has over 2000 sq. ft. and has been priced to sell. We will trade. Call AM 3-6161 or AM 3-4676.
For Information Call: James, Glen or Paul at AM 3-6161 or AM 3-4676 ANYTIME.
Night Phone AM 3-6161

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2-bedroom house, 2 large lots. Only \$2100.
If It's For Sale, We Have It List With Us To Sell or Buy. Fire, Auto Liability Notary Public
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AM 4-2662 1305 Gregg
SALE—2 BEDROOM to be moved. \$3700. Carpeted, knotty pine kitchen. EX 8-8112. AM 3-2262
SALE BY Owner—3 bedroom, 2-story. One year old. 3 Acres land. AM 4-2222.
Nova Dean Rhoads
"The Home of Better Living"
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REAL ESTATE A
HOUSES FOR SALE A-2
Scenic View!! Large 3 bedroom, beautiful yard, deluxe carpet. We love to show this one in Parkhill.
Hobby shop 30'x30', large 3 bedroom, 2 bath home, corner lot. Lots of floor space priced to move.
Executive Special!! Custom built 3 bedroom, 2 baths, huge den with fireplace, in Parkhill. Consider trade.
Price reduced!! Excellent buy on Tulane, 3 bedroom, 2 bath, in prestige neighborhood.
Priced at \$11,850!! 3 bedroom brick corner on Morrison. Perfect condition, \$650 moves you in. \$90 month.
A Real Buy!! 3 bedrooms and den, perfect condition. Near college. Assume G.I. Loan, payments \$68.
RE-possessed bargains!! 3 bedrooms, 2 baths, built-ins, low down payments, no closing cost, 2611 Cindy and 2609 Lynn.
Don't wait!! Now is the time to buy. We have several very good buys. You will like the way we do business. Call us any time.

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MR. BREGER
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GIVE THE UNITED WAY

Reds Announce Rocket Shoots

MOSCOW (AP)—The Soviet Union last night announced it will shoot new experimental multi-stage rockets into two areas in the Pacific Ocean beginning Tuesday. The announcement said the tests would be held between Oct. 16 and Nov. 30.

Met Opener Good Omen For Season

By MILES SMITH
Associated Press Arts Editor

NEW YORK (AP)—The Metropolitan Opera opened its 78th season at the earliest autumn date in its history Monday night with the colorful and melodic "Andrea Chenier" by Umberto Giordano, starring Eileen Farrell, Franco Corelli and Robert Merrill.

For each singer it was a new role.

Corelli had the title role of the poet caught up in the intrigues of revolutionary France, who is betrayed by a spy and is guillotined. He gave a vigorous, well-phrased portrayal.

Miss Farrell as Maddalena di Coigny, whose love for Chenier leads her to seek death with him, used her fine soprano voice to advantage in a highly emotional role which called for versatility and control.

Corelli and Miss Farrell were especially effective in the love duet of the second act.



Singing Out

Shown here is a small portion of the 50-odd membership of the Community Chorus which meets each Monday at 7:30 p.m. in the high school music room. And if one may judge by the open mouths, the vocalists aren't afraid to sing out—well, most of them, anyway. All residents who like to sing are invited to drop in and sound off next Monday evening.

State
NOW SHOWING OPEN 12:45
DOUBLE FEATURE
TENSE WITH SUSPENSE!
WORLD IN MY POCKET
M-G-M
AGATHA CHRISTIE'S
MURDER SHE SAID...

JET
NOW SHOWING OPEN 6:30
Troy Donahue-Angie Dickinson
Rossano Brazzi-Suzanne Pleshette
ROME ADVENTURE

Ritz
NOW SHOWING OPEN 12:45
MOST INCREDIBLE TRUE STORY
IN U.S. NAVY HISTORY!
NO MAN IS AN ISLAND
Eastman Color

LAST NIGHT **SAHARA** Open 6:30 Adults 60c Children Free
A DOUBLE TREAT OF ADVENTURE!
IN BREATHTAKING COLOR!
THE STORY OF RUTH
From pagan idolatry to the worship of one God...
PLUS! 2
"COMMANCHE STATION"
Technicolor

With Romney, Republicans Have High Hopes In Michigan

By GENE SCHROEDER
LANSING, Mich. (AP)—Michigan Republicans, with former auto industrialist George Romney as their candidate, have high hopes of capturing the governor's office from the Democrats Nov. 6 for the first time in 14 years. Democratic leaders are pushing no panic buttons. They feel confident that Gov. John B. Swainson, a legless veteran of World War II with powerful AFL-CIO backing, will be on top when the votes are counted.

A TOSS-UP
Most neutral observers call it a toss-up.
The campaign has developed into one of Michigan's hottest political battles. It involves such issues as leadership, tax reform, and the political activities of unions.
Democrats say the 55-year-old Romney is seeking the governor's job merely as a stepping-stone to the 1964 GOP presidential nomination.
The former American Motors president denies he has his eye on the White House, but Republican leaders say they are proud to

TOMORROW'S 98¢ SPECIAL
Choice of Soup Or Salad:
Mushroom Soup, Cole Slaw, Waldorf
Barbecued Ribs, Fish Sticks, Baked Ham With Pineapple Sauce
Browned Potatoes, Asparagus, Harvard Beets
Dessert: Bread Pudding With Lemon Sauce
SETTLES COFFEE SHOP

have Romney considered throughout the nation as an attractive candidate.

POWERFUL FRIENDS
In his efforts to maintain the Democratic grip on the executive office, Swainson has had support from some powerful friends. President Kennedy already has made one swing through the state and will return once more before election day.

Other high-ranking Democrats plugging for the reelection of the 37-year-old governor and Democratic congressmen include Vice President Lyndon B. Johnson, former President Harry S. Truman and assorted Cabinet members. Also helping out is the man Swainson succeeded, G. Mennen Williams, now Assistant Secretary of State for African Affairs.

Romney, who is getting little outside help, describes the Michigan visits of Democratic big guns as a "federal rescue mission" which proves that Swainson "needs coalitions to ride on."

HARD WORKERS
Both candidates have campaigned strenuously, blazing a fatiguing campaign trail from the industrial environs of Detroit to the wild forestlands of the rugged Upper Peninsula.

But as the campaign enters its closing weeks, Swainson and Romney plan to concentrate their travels mainly in the metropolitan area of Detroit, where most of the votes are.

Activities of the ultra-conservative John Birch Society in one Detroit-area district have been seized upon by Democrats as an indication that Romney cannot control his own party.

The Republican nominee delivered a scathing denunciation of extremist groups at the GOP state convention, drew a standing ovation and says he considers the matter closed.

ANTI-AMERICAN THEME
In his speech, Romney called for a state law that would permit political parties to oust any lead-

ers whose real allegiance was to an "anti-American organization."

Both candidates have made a strong pitch for the Negro vote, but Romney appears to be handicapped by the fact that he holds a position in the Mormon Church equivalent to a bishop. Democrats contend that the church will not allow a Negro to hold a high office, and therefore regards Negroes as second-class citizens. Romney denies he holds any such views.

The GOP candidate says the issue of the campaign is leadership of the state and whether he or Swainson is better qualified.

Romney also has launched a vigorous attack on some labor leaders, contending they have been dictatorial in refusing to permit him to speak to union members so that they can hear both sides and make up their own minds whom to support.

MADE UP MINDS
State chairmen of both parties agreed in a debate that most voters probably have already made up their minds which candidate they favor.

The winner may be decided on which party manages to convince its supporters they should bother to vote.

Gravity Stations Completed

WASHINGTON (AP)—Gravity measurement stations have been completed by the Air Force at 71 locations over the nation, including 10 in Texas.

The Office of Aerospace research reported that the precise value of the force of gravity would be measured in each area. Since relatively minute variations in the force of gravity affect the operation of highly sensitive accelerometers in missile guidance systems, the Air Force said the more precise knowledge will aid missile accuracy.

Gravities is known to vary with altitude and latitude. For many parts of the country the values are unknown or are incorrect.

Accurate measurements of gravity is also important in geophysical surveys for new sources of oil and minerals, the Air Force said.

The Air Force Cambridge Research Laboratories at Hanscom Field, Mass., have been developing the network for several years.

The base value for the net is that of the Commerce Department at 14th Street and Constitution Ave. here, where the acceleration of gravity equals 32.15604 feet a second.

Texas locations are Love Field, Dallas; El Paso Airport; Houston International Airport and the Houston Pendulum Site; San Antonio International Airport; and at Amarillo, Bergstrom, Biggs, Ellington, and Kelly Air Force Bases.

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JEAN DUNCAN FIELDS
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Button front classic
in lightweight sheer
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with hand bound button
holes and self covered buttons,
complimented by a flattering
portrait collar . . . brown or
red. 35.00



Hemphill Wells

Lyndon Claims Cuba 'Isolated'

CHARLOTTE, N.C. (AP)—Vice President Lyndon B. Johnson says that, despite Soviet activity in Cuba, the Castro regime "is contained and isolated."

Johnson, in a 12-hour stumping tour Monday, told a series of Democratic rallies the United

States has a new national purpose—"to prevent the aggressive spread of communism to other areas of the Western Hemisphere."

Johnson said, "We will cooperate with our allies. We will talk with our foes. We will respect the constructive views of those neutrals who show respect for our views."

"But we will let none stand in the way of America's determination that the peace shall be kept—and the freedom of mankind shall be preserved."

JOHN A. COFFEE
ATTORNEY-AT-LAW
308 Scurry
Dial AM 4-2591

Chic Doesn't Cost a Fortune

Your black crepe — ready to go everywhere this fall — from daytime to dress-up hours. The high neck just begs for your new necklace, the elbow sleeves make it wearable through the winter. Arnel triacetate and rayon crepe for wrinkle-free ease. Sizes 10 to 20.

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Swartz

THE NEW SHAPE OF QUALITY



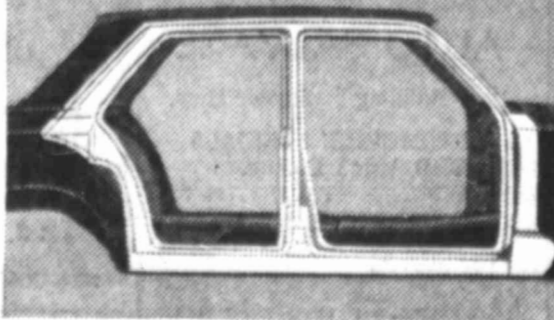
Rambler Classic 6 '73

SEE WHAT'S ALL NEW...RAMBLER '63!

YOU'RE looking at the New Shape of Quality—result of a years-ahead breakthrough in car building that provides amazingly increased strength. The car looks longer—but isn't. Almost 3 inches lower, yet it keeps full headroom for six 6-footers. Advanced Unit Construction replaces scores of small parts with massive uniside members of galvanized steel (in white at right); combines with a new development in power transfer—Tri-Poised Power in Classic 6 and Ambassador V-8—which gives a velvet-smooth, vibration-free ride at all speeds.

Come see and drive Rambler '63—finest example yet of Rambler value!

Advanced Unit Construction . . . the years-ahead breakthrough in car building.



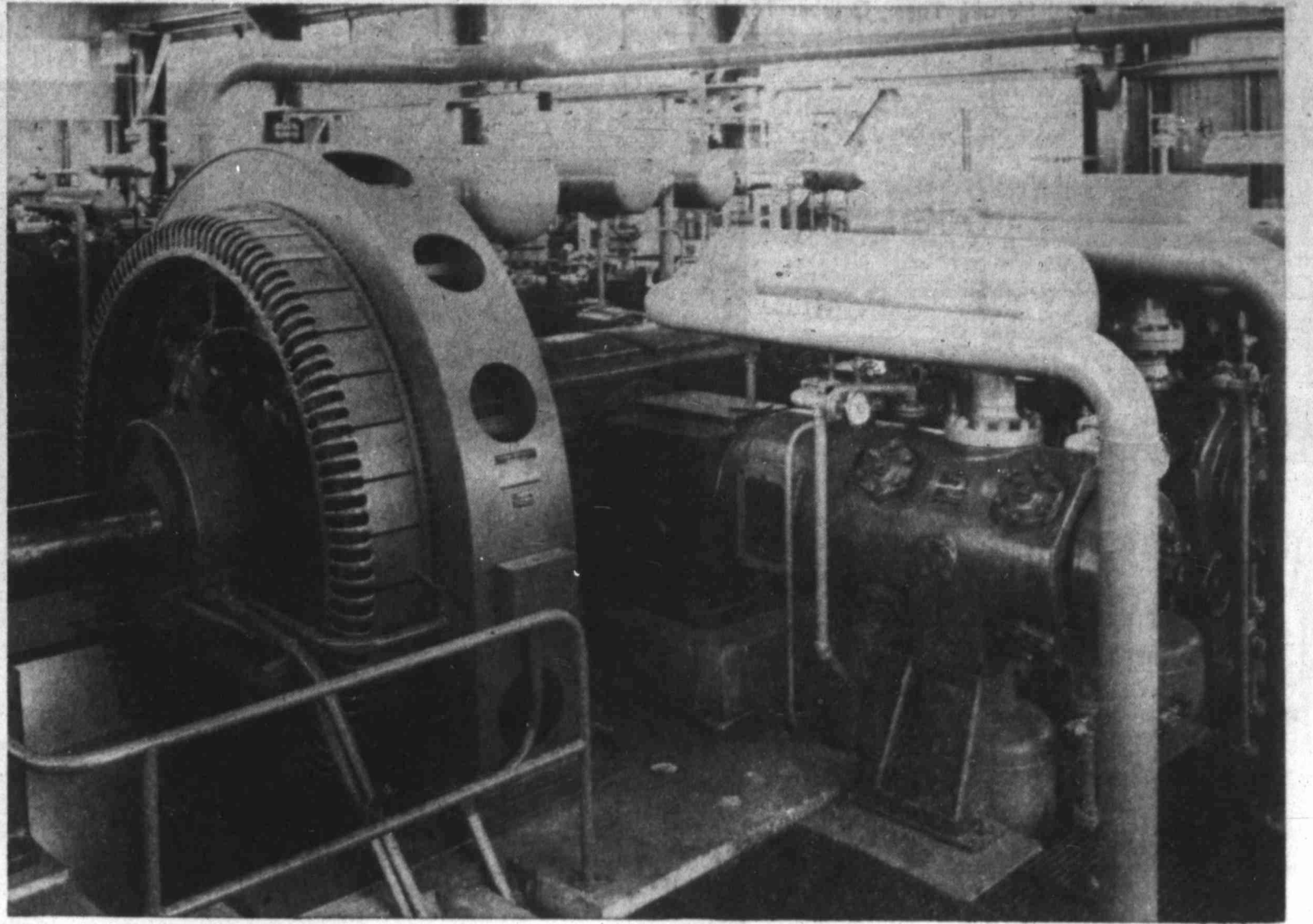
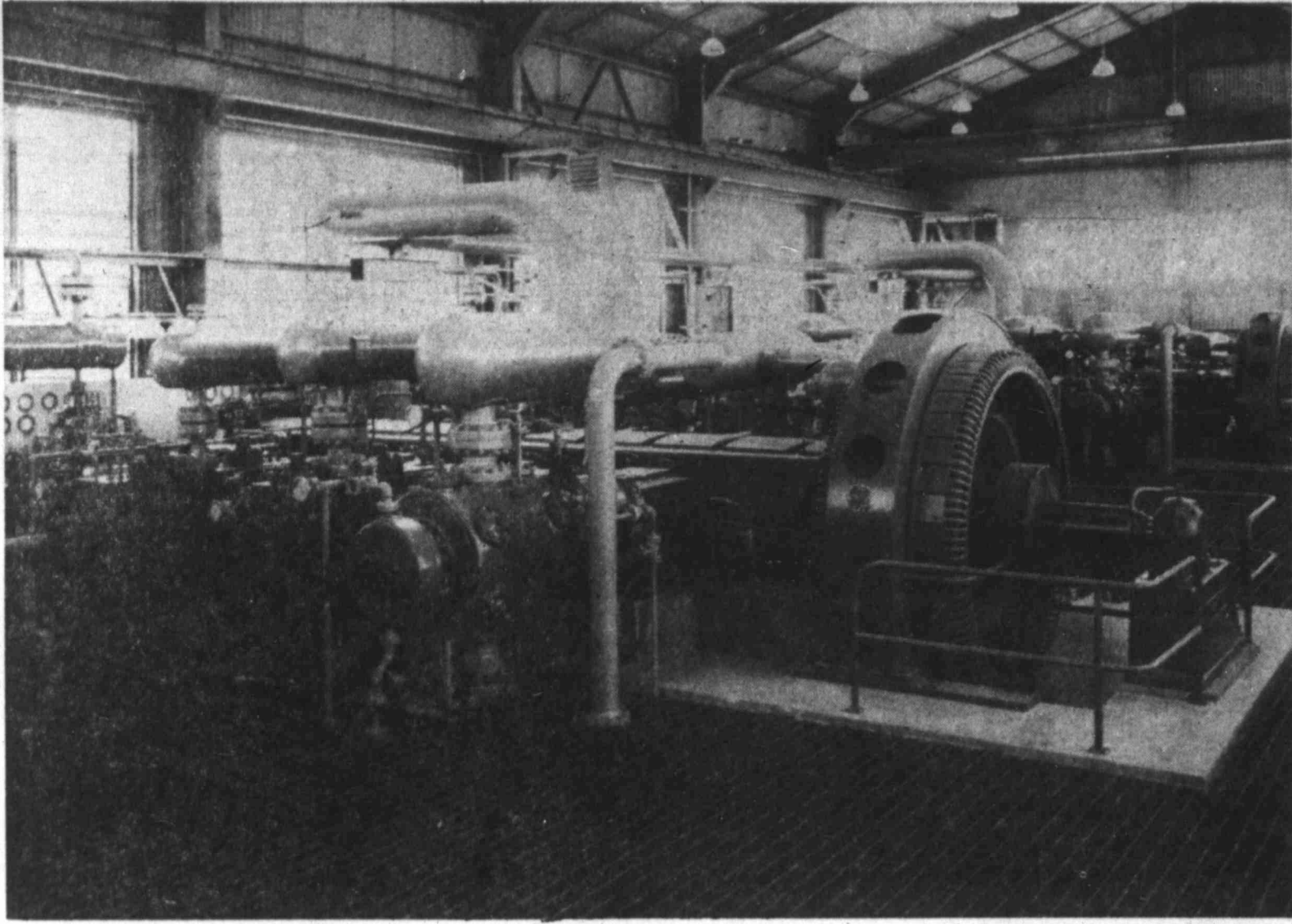
Curved glass side windows for new beauty, quiet, easier entry.



RAMBLER '63

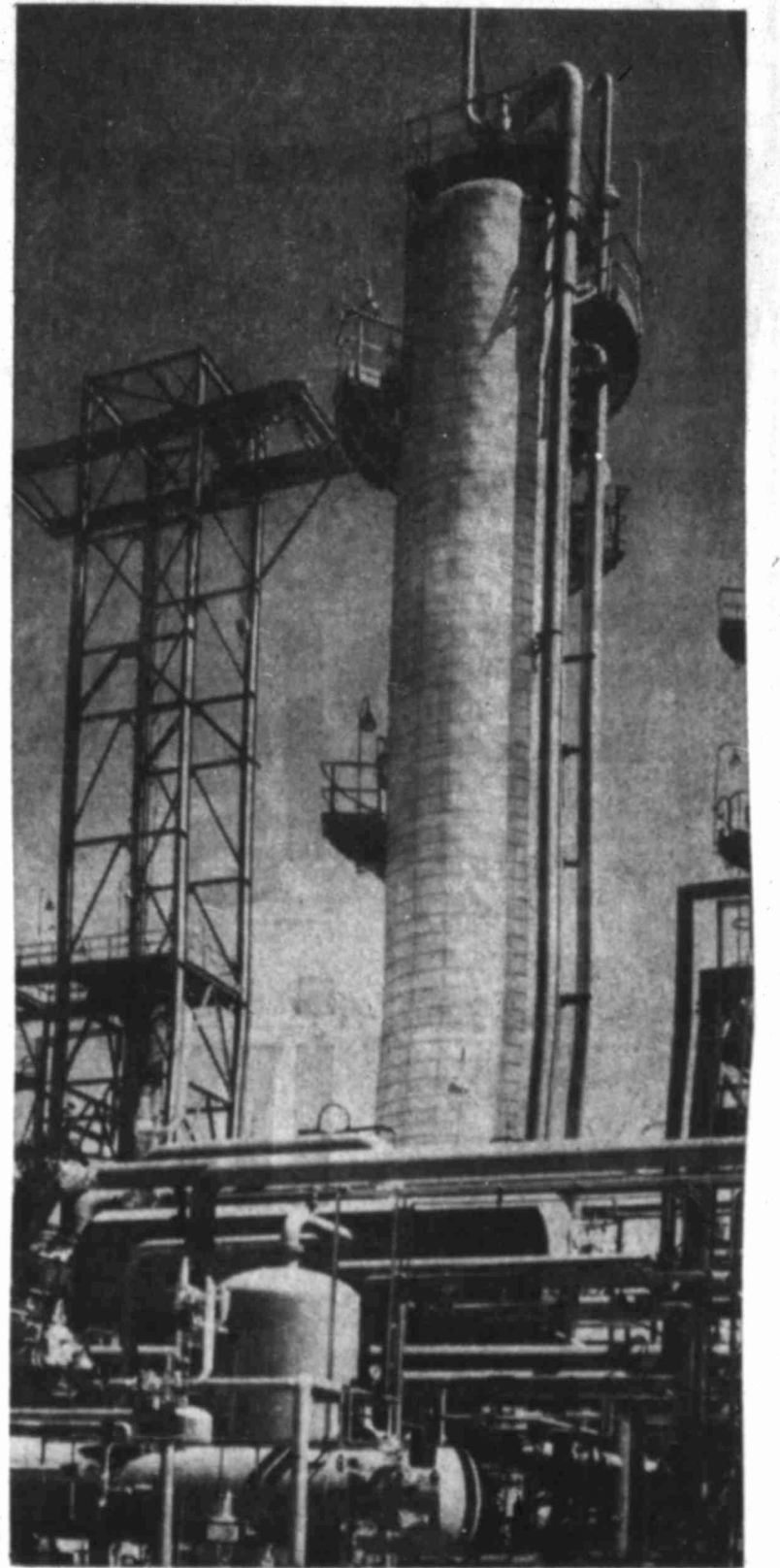
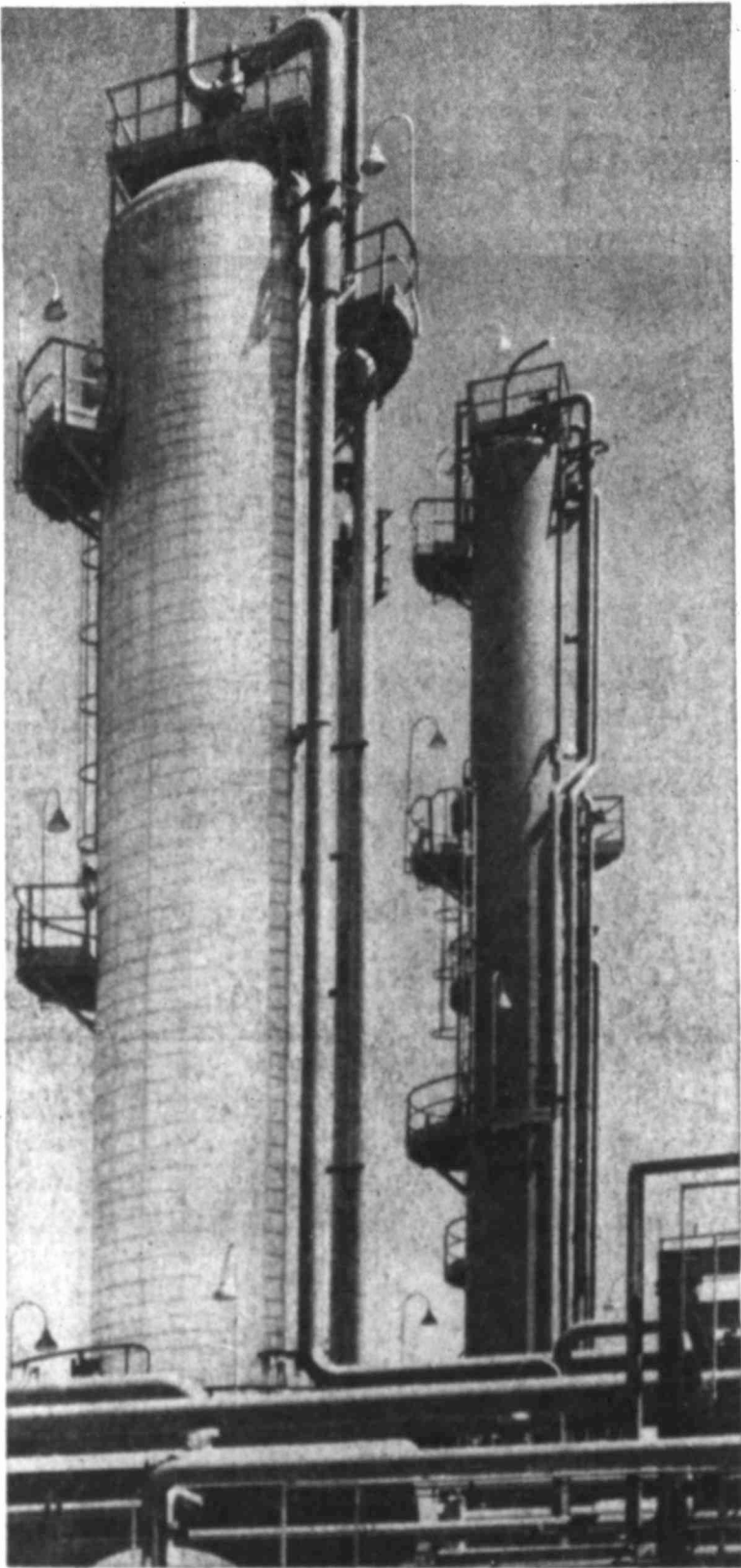
All New • All Beautiful • All Rambler

McDonald Motor Co., 206 Johnson Street



W. R. GRACE & CO.

nitrogen products division

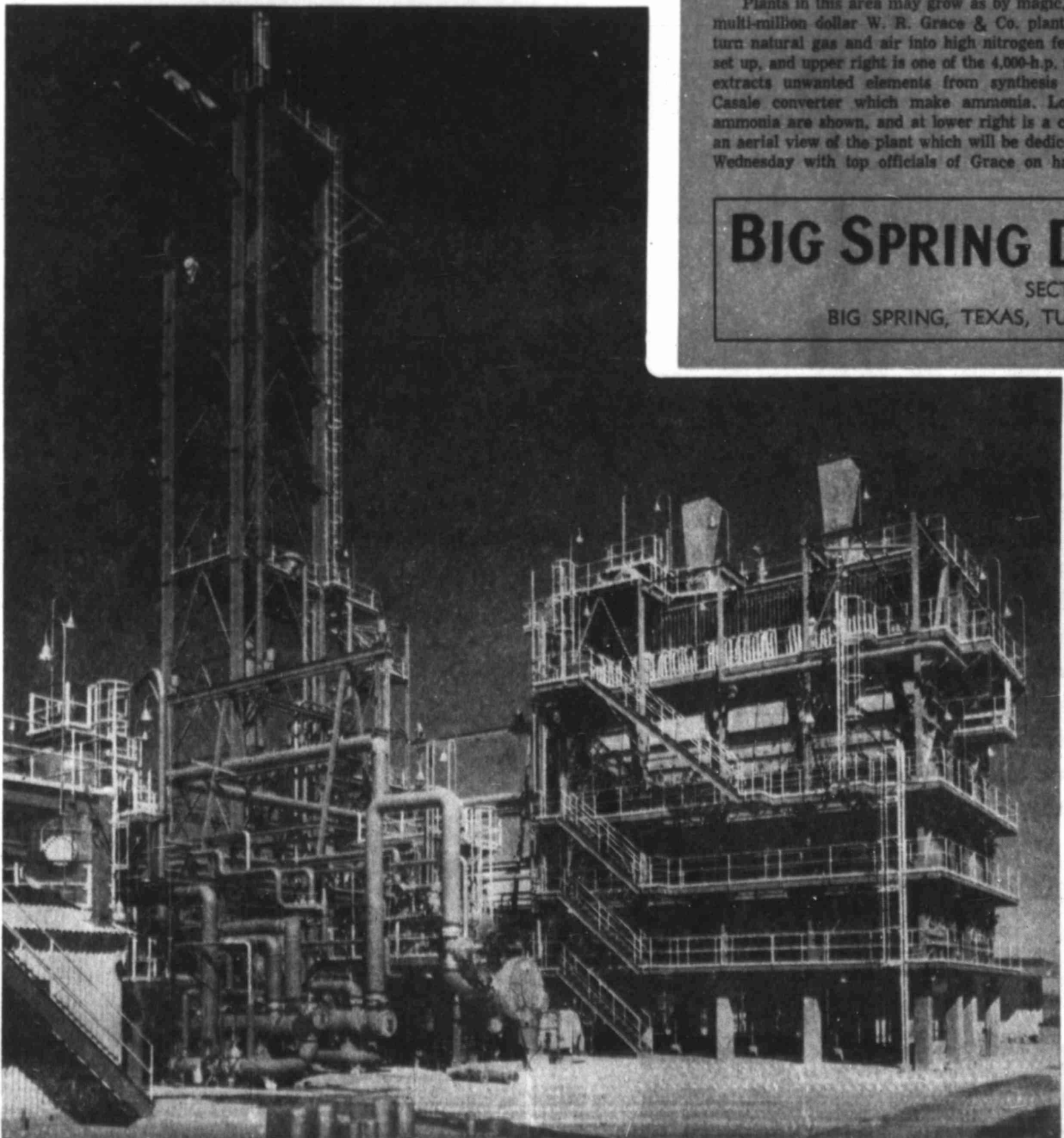


Plants in this area may grow as by magic, thanks to the chemical magic wrought in the new multi-million dollar W. R. Grace & Co. plant in Big Spring. These are some of the units which turn natural gas and air into high nitrogen fertilizer. Upper left is part of the huge compressor set up, and upper right is one of the 4,000-h.p. motors. Center left is part of the equipment which extracts unwanted elements from synthesis gas, and center right are the absorber and the Casale converter which make ammonia. Lower left the first and last agents in synthesis of ammonia are shown, and at lower right is a closeup of the heart of the plant. In the center is an aerial view of the plant which will be dedicated formally in ceremonies set for 11 a.m. Wednesday with top officials of Grace on hand to do the honors.

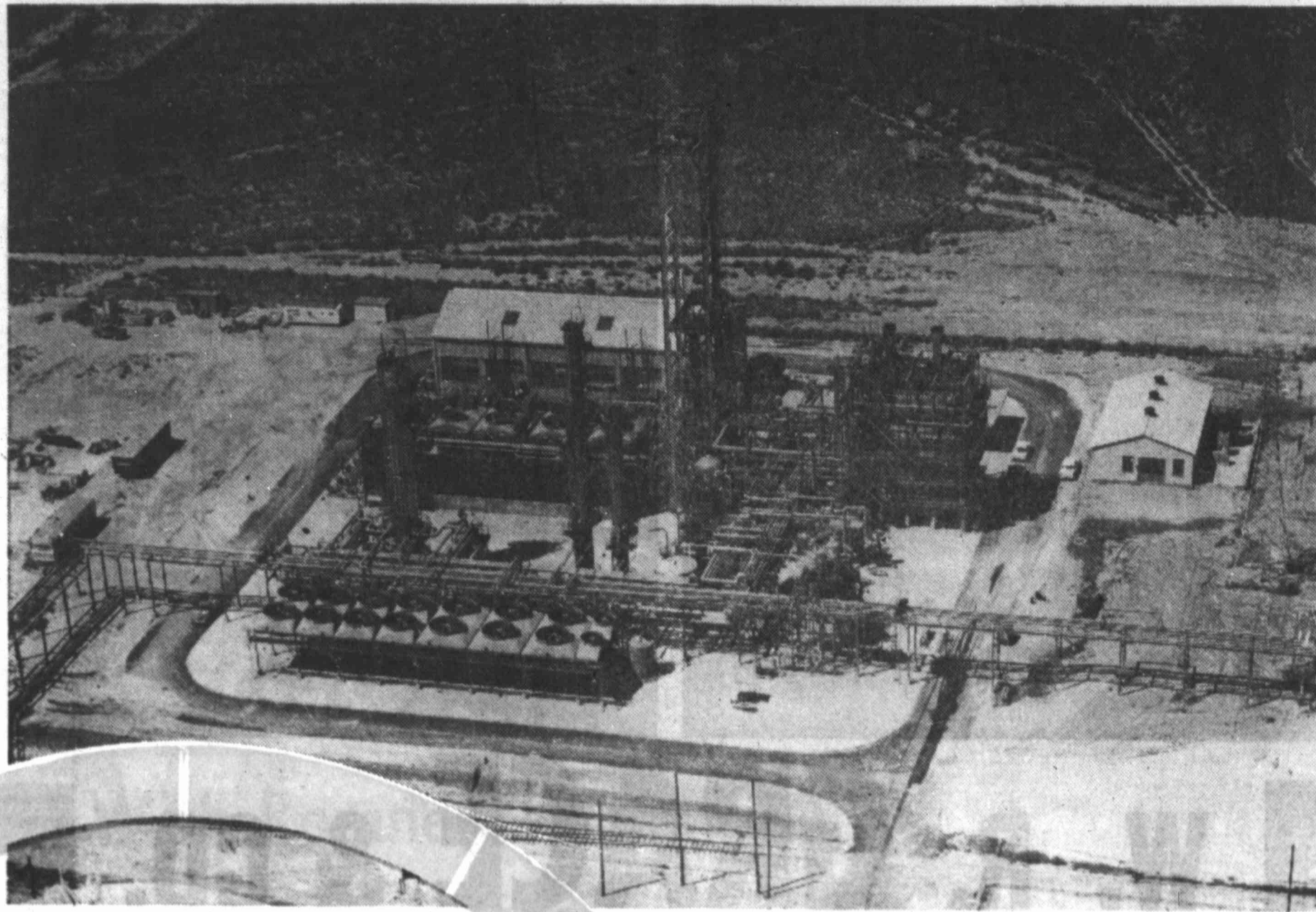
BIG SPRING DAILY HERALD

SECTION B

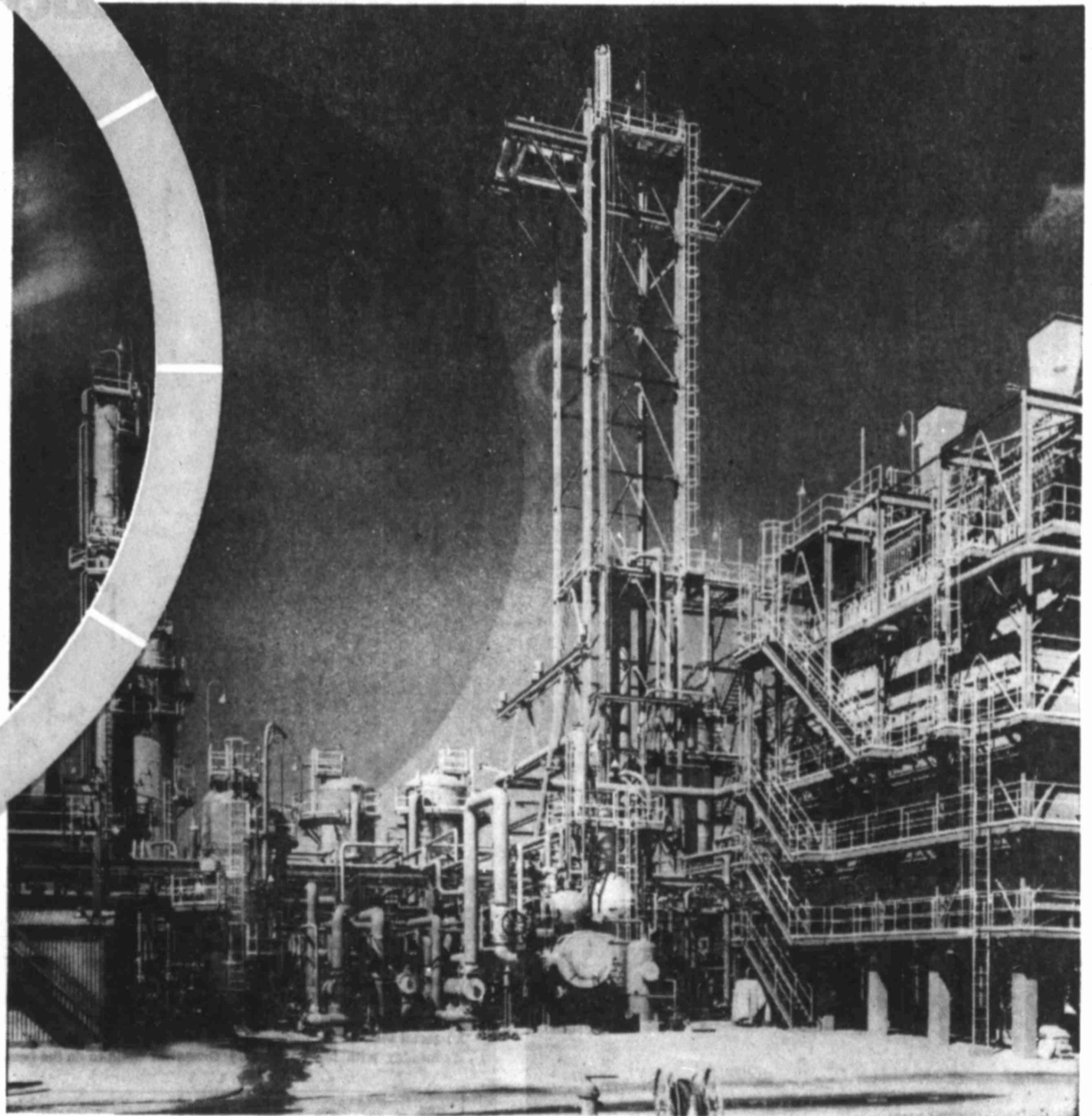
BIG SPRING, TEXAS, TUESDAY, OCTOBER 16, 1962



A.
EE
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ry
2591



another Big Spring industry!



W.R. Grace & Co.

anhydrous ammonia plant

The dedication of the new W. R. Grace & Co. Anhydrous Ammonia Plant is a significant occasion.

It is a concrete expression of confidence in the future of the West Texas area. It brings more jobs—more dollars and still more vitality to West Texas. As a subsidiary company we take this opportunity to welcome W. R. Grace & Co. both as a partner and as an important addition to our refining complex. These facilities together with the Sid Richardson and Cabot carbon black plants make up an industrial complex that assures continued growth for the Big Spring area. It means a better economic climate for us all!

Again we say,

WELCOME!

Cosden Petroleum Corporation □ Big Spring, Texas
Subsidiary of W. R. Grace & Co.



The W. R. Grace & Co. is a modern major co.

W. R. Grace & Co.

Wherever you go, you'll find the West Texas area is a better place to live.

Lowery and the Big Spring office are in the ammonia plant area.

The anhydrous ammonia fertilizer. Sales are generally up around there is a...

"Sales began in January 1961, but if weather is good, they are another month away."

Use of anhydrous ammonia fertilizer is generally up around there is a...

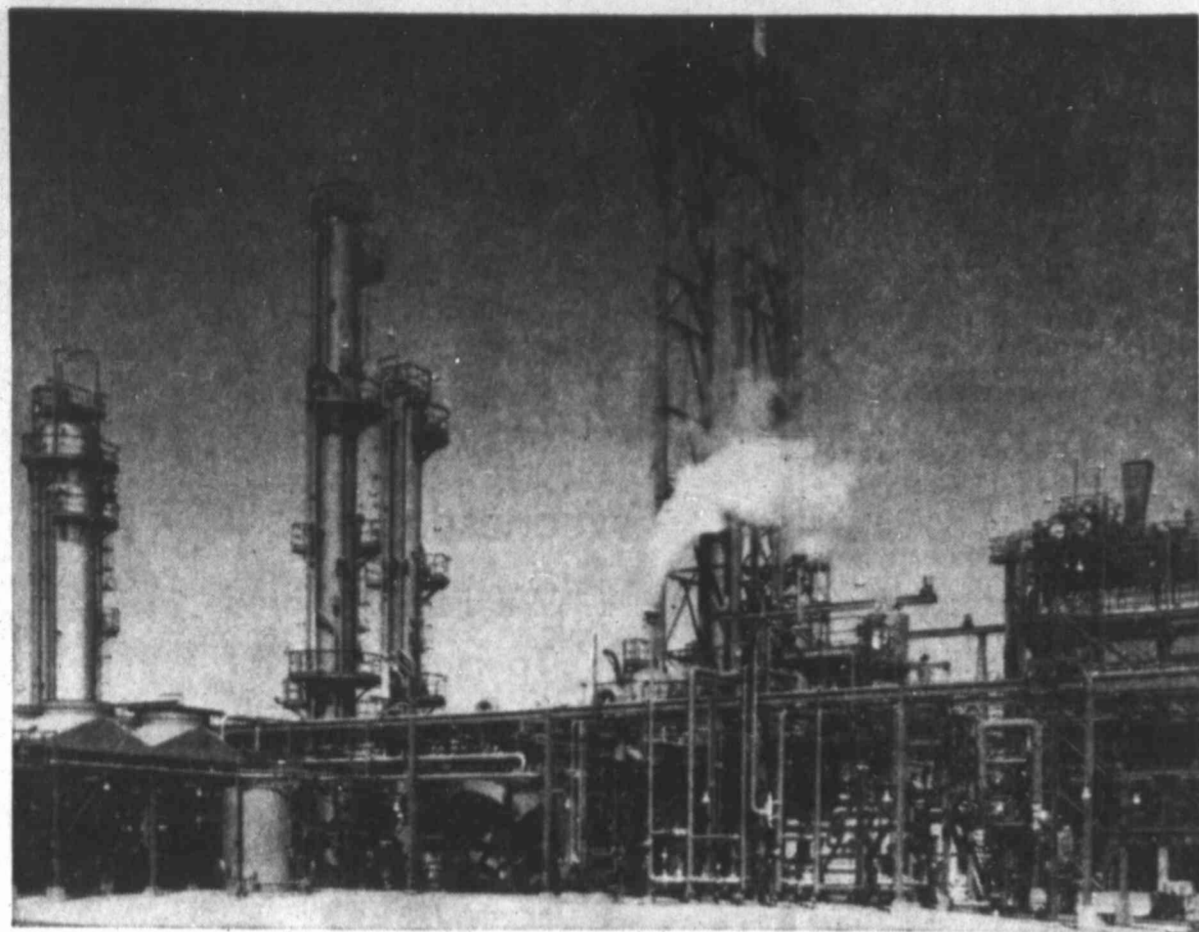
"It would be a good idea to have a...

Dry land fertilizer 40-60 pounds per acre.

Davison 13 Fert

The Davison 13 Fert is a high grade fertilizer. It is a...

Davison has plants in many states. It is a...



Newest Grace Venture

The W. R. Grace & Co. has combined the latest in techniques and its eight years of experience in synthesis of anhydrous ammonia to come up with a modern plant for Big Spring. Shown are the major components of the synthesis plant as visitors will see it from the office building. At left are the primary and second absorbers, in the center the Casale converter which makes the ammonia, and, at right, the reformers which strip natural gas of hydrogen.

Grace Big Source Of Nitrogen Products

If there is one part of W. R. Grace & Co. family which will become most familiar here it is the Nitrogen Products division.

In the space of a decade, it has soared from negligible production to one of the major United States suppliers of nitrogenous fertilizers. The completion of the anhydrous ammonia facility at Big Spring simply adds more to its capacity and in the West Texas-New Mexico region where the demand for fertilizers is on the increase.

Nor are there any signs that Grace is diminishing its pace in becoming one of the greatest sources of plant nutrients in the world. With agricultural lands limited and the world experiencing a population explosion, improved food output from available acreage appears to be the long range solution. Even in the U.S. where this does not necessarily apply, the cost-price squeeze has obliged farmers to get maximum production from their acreage.

MORE PLANTS
Besides the new plant here, the Nitrogen Products division has a giant facility at Memphis, Tenn., has minority interests in one at Guanica, Puerto Rico and at the Port of Spain, Trinidad, W. I. Another big complex has a target completion late in 1963 at Wilmington, N. C., in cooperation with Carolina fertilizer producers. Indeed, this tidewater plant will contain the largest ammonia terminal facility in the nation.

Heading this important division is William J. Haude, 47, who came up from the sales route. Before joining Grace in 1953 he was president of Pittsburgh Agricultural Co., a division of Pittsburgh Coke & Chemical Co. He was graduated from Elmhurst College and received graduate degrees in entomology and parasitology from Tulane.

Today the NP division produces anhydrous ammonia, aqua ammonia, ammonium sulfate, feed urea, industrial urea, fertilizer



W. J. HAUDE

urea, nitrogen solutions, nitrogen gas, hydrogen gas.

MORE FERTILIZERS
This is by no means all of the produce. The Davison Chemical Division, which has a history of more than a century in certain chemicals and plant nutrients, is a foremost producer of phosphate rock, sulfuric acid, phosphoric acid, normal superphosphates, triple superphosphates, diammonium phosphate, granulated fertilizers, soluble fertilizers, turf and garden fertilizers, ammonium sulfate and liquid fertilizer.

Nitrogen products gave Grace

much of the impetus that has seen it break from nowhere in the industrial pack to one of the 12 major chemical producers in the United States. With some experience in manufacture and marketing of fertilizers, W. R. Grace & Co. determined in 1951 to reorient its operations from shipping, banking and a few South American industries toward new technology.

MEMPHIS COMPLEX

Chemicals were the choice of management, and after considerable effort a license made it practical to build an ammonia plant at Memphis, Tenn. The location was chosen not alone for raw materials, but because of markets in the Southland and in the Midwest cornbelt. The plant since had expanded capacity to 160,000 tons per year. In addition, Grace added to it an untried urea process and made new developments which have boosted this unit's output to 100,000 tons per year.

The plant at Point Lisas in Trinidad has a 200,000 ton per year output, and liquid ammonia is being shipped from there to all parts of the world.

HIGH IN NITROGEN

Ammonia has the highest nitrogen content of liquid fertilizers. Urea has the greatest of solid fertilizers, and besides being used as a nutrient, it is highly desired in livestock feeding.

To complement the nitrogen lines, Grace's Davidson division owns and operates several phosphate rock mines in Florida and Missouri, converting the material into highly concentrated materials used in high analysis fertilizers. One by-product is silicofluorides used by many cities in fluoridation of water.

MORE DEVELOPMENTS

Another promising fertilizer development also brings hope for practical desalting of sea water. Phosphoric acid and ammonia are fed into sea water, resulting in a solid sand reducing the scaling properties of sea water to as low as 1 to 5 per cent before going to converters for fresh water. The solid is washed with some fresh water to remove salt, leaving a material rich in magnesium ammonium phosphate—a good source of primary and secondary plant nutrients, as well as trace elements.

Each million gallons of sea water treated will yield 37 tons of this non-burning, non-leaching fertilizer material. It is estimated that if 10 per cent of the nation's increased fresh water demands come through desalting of sea water, one by-product will be 18,000,000 tons of potash per year. Through Grace's vast marketing arrangements, all these products reinforce the supplies of the various plants.

Strong Position In Fertilizers

W. R. Grace & Co. has a strong position in nitrogen and phosphate, two of three important fertilizer materials. The use of ammonia alone has increased from two

million tons in 1952 to 5.3 million tons in 1961.

These growth rates are expected to continue and will offer Grace the opportunity to expand its position further in the agricultural segment of the chemical industry. In 1961, sales of fertilizers and fertilizer materials accounted for about 30 per cent of Grace chemical sales.

We Are Most Happy To Welcome Big Spring's Newest Industry:

W. R. GRACE & CO.

Anhydrous Ammonia Plant

And . . . Cordially Invite

Each member of the plant staff to visit with us and to open a charge account.

The Kid's Shop

3rd at Rannels

Where There Is Land, There Is A Demand For Ammonia

Wherever there is land a market for anhydrous ammonia exists, and West Texas has plenty of land. So says Paul Lowery, general manager in charge of sales for the new W. R. Grace I Co. plant.

Lowery and a staff of four handle the marketing from the Big Spring office located at the new ammonia plant. They cover a five-state area.

The anhydrous ammonia produced locally is for use as fertilizer. Sale of the product is a year-round business, although there is a slack season.

"Sales begin picking up as early as January if the weather is good, but if weather does not favor the farmer, they may not pick up for another month or two," Lowery said.

Use of ammonia is then brisk until about September, when it begins tapering off. Farmers generally apply the nitrogen-rich ammonia at one time, either before planting seed or as a side dress later.

"It would be difficult to say which way is preferred," Lowery said.

Dry land farmers generally use 40-60 pounds to an acre while the



PAUL LOWERY

amounts may go up as high as 100 or 200 pounds on irrigated land. Lowery said that use of nitrogen is a new thing and it has become widely used only in the past 10 years.

He pointed out that use of the product on rangeland has increased and this is expected to be an improved sales outlet as land is called upon to produce more from each acre.

The 70,000 tons of ammonia which can be produced locally if the operation moves at full stream all year would be enough to meet needs of about 110 counties which have as much dryland farming as Howard County. There are just over 200,000 acres in dryland farming in Howard County.

The five states which the local plant will serve are Texas, New Mexico, Arizona, Colorado and Oklahoma. At present most of the sales are in Texas.

Despite the wide area covered, there is no time lag in which the

customer must await shipment. The local office is equipped with a teletype which is connected with other machines at all the major shipping points. The orders can be sent direct to the Big Spring office.

"We can have a rail-car of ammonia ready for shipment in 15 minutes after we get the order," Lowery said. "The only wait is for a train to pick it up."

Shipment is made by both tank-truck and rail. The shipping department is equipped to load up to four trucks and one rail-car at one time, although this is seldom done. A truck can be loaded in about 35 minutes. A large percentage of the shipment is by truck.

Grace has a fleet of trucks leased for use here and others can be acquired on short notice whenever needed. A fleet of tank rail-cars is also available. Traffic by rail is handled by the Cosden traffic department. Mike Horbath, billing clerk, is in charge of the shipping aspect for Grace.

Other members of the staff are W. O. Hazelbaker and R. L. Strong, both salesmen, and Billie Bauer, secretary.

Farming Becomes More Complex

Science and chemicals have made farming a more complex operation. Bigger yields were paced by the contributions of more chemical aids in the form of fertilizers, pesticides and others.

The Nitrogen Products Division of W. R. Grace & Co. is part of this increased yields program and has built the Big Spring ammonia plant to serve the agriculture industry in West Texas and New Mexico.

The division also has similar plants in Puerto Rico and Trinidad.

Carlsbad Caverns Has Guano Too

Residents who have heard the history of Carlsbad Caverns, know it was discovered and early developed because Jim White was mining bat guano from the floor of the giant cave.

Guano, similarly, led to the founding of the W. R. Grace & Co. William Russell Grace was lured to South America by the prospect of earning profits from the extensive guano deposits on the Western Coast. He began as an outfitting of ships, later leasing ships, then building his own. Guano, whether from South America or New Mexico, was valuable as fertilizer and brought the miners big profits.

Progress Changes Technical Terms

Guano and shipping terms described the early business of the W. R. Grace and Co. operation.

Today the business is usually described in such terms as polystyrene, styrene, polystyrene, polyvinyl acetate, butadiene-styrene resins, plasticizers and other technical terms of the plastics industry.

Many of these words were unknown only a few years ago. They were unheard of when W. R. Grace began outfitting his ships 100 years ago.

Fertilizer Trade Gave Grace Start

Fertilizer gave William Russell Grace his start toward founding the vast W. R. Grace & Co. complex; fertilizer has brought this major industry to Big Spring.

Grace originally went to Peru, undoubtedly attracted by the profits being made there mining guano, a lucrative business as it was sold in North America and Europe in big quantities. From his start hauling this mineral rich fertilizer, the company grew into manufacturing, shipping, and other allied fields. But basically, Grace could point to those large deposits of guano on the West Coast of South America as the key to his first success.

Fertilizer is still a necessary part of farming and Big Spring is centrally located in a vast agricultural development. But science has a new way to revitalize the soil, through chemistry. Thus, Grace decided to build the big ammonia plant here, near the market. It is also near its raw materials, which comes from Cosden Petroleum Corp., a Grace subsidiary.

Davison Operates 13 Fertilizer Plants

The Davison Chemical Division of W. R. Grace & Co. is a prominent factor in the fertilizer industry. It owns and operates several phosphate rock mines in Florida, which is processed and converted into fertilizer materials.

Davison has 13 mixed fertilizer plants to provide outlets for this material. It also supplies such materials to other manufacturers.

It is always our pleasure to extend a

Hand of Welcome

To New Industry In Our Fine City.

Congratulations

W. R. GRACE & CO.

ON THE FORMAL OPENING OF YOUR BIG SPRING

ANHYDROUS AMMONIA PLANT

We Cordially Invite The New Plant Personnel To Visit Us And To Make Our Bank Their Bank

It's Easy To Do Business With

SECURITY STATE BANK

Member: F.D.I.C.

1411 Gregg

Congratulations,

W. R. GRACE & CO.

On The Formal Dedication Of The New

Anhydrous Ammonia Plant

Wednesday, October 17, 1962

We Are Proud To Have Had A Part In Supplying This New West Texas Industry

The **BAKER COMPANY**

Complete Office Planning Service And Business Machine Equipment
511 W. TEXAS AVE. MIDLAND MU 4-6321
OTHER BAKER COMPANY OFFICES IN AMARILLO, LUBBOCK AND ODESSA



Part Of An Industrial Complex

The W. R. Grace & Co. anhydrous ammonia plant now on stream east of Big Spring is another welcome addition to what is rapidly becoming a large industrial complex making use of West Texas' oil and gas production. The plant is at the left, northwest of the

Cosden Petroleum Corp. BTX, styrene and polystyrene units which are in the upper right. Looking almost like a separate entity are the loading area and storage tank for the anhydrous ammonia.

Product Rich In Nitrogen

Anhydrous ammonia has much to speak for it as a fertilizer for West Texas soils.

Composed of 82.2 per cent nitrogen, it is the cheapest source of that element available according to Paul Lowery, sales manager for W. R. Grace & Co. If nitrogen is needed, no other fertilizer product can approach it for economy.

Nitrogen promotes vegetative growth in plants and most plants contain 1-3 per cent nitrogen. Wherever it is lacking, plants are small and yellowish.

Climate and temperature have a great deal to do with how much nitrogen there is in the soil. West Texas, being hot and dry, has a small nitrogen content compared to other areas. It is usually less than .05 per cent compared to as much as .4 per cent in North Dakota and colder regions. In general, most southern and southeastern states are deficient in nitrogen.

Anhydrous ammonia, being soluble in water, is easy to apply. This is often done by adding it to

irrigation water or as a side dressing.

Anhydrous ammonia is retained well by the soil. Also, being an acid forming fertilizer, it is excellent for use in West Texas, whose semi-arid regions are somewhat alkaline.

Warm Product Before Loading

A heater might seem out of place among equipment which has as its sole purpose to bring the temperature of anhydrous ammonia to 30 degrees below zero. However, it is a necessary part of the shipping department at the new W. R. Grace & Co. plant east of Big Spring.

The ammonia is shipped in steel tank cars or tank trucks. Steel becomes slightly brittle and loses some of its strength when it becomes cold and warming the ammonia to about 40 degrees Fahrenheit protects the equipment.

Congratulations
W. R. GRACE & CO.
ANHYDROUS AMMONIA PLANT

On Your
Formal Opening
Wednesday, Oct. 17

We Feel Honored
To Have You As
Friends and Neighbors

K. H. (Chub) McGibbon

1501
East 3rd



Dial

AM 4-5251

JOBBER

Synthesis Process Gives Anhydrous Ammonia Yield

Producer of ammonia, to simplify the matter, can be divided into three basic operations. The raw materials are first prepared, extraneous materials are taken out of the production stream and then what is left is converted to ammonia.

Raw materials are available readily in the area. They consist of natural gas produced in West Texas, steam and air. These raw materials must be put through several operations before they are ready for synthesis into anhydrous ammonia.

The first step in making the

synthesis gas is called reforming. This is done in two stages.

Natural gas is first passed through beds of charcoal to remove sulphur and is then compressed and mixed with steam. It is heated at the top of the first reforming furnace and passed down through two parallel banks of catalyst tubes.

The gas leaves the primary reformer furnace at about 1,400 degrees and enters the top of the secondary reformer. Air is filtered, compressed and added to the hot gas steam as it enters the second reforming stage. Air flow is carefully controlled to give the exact proportion of three parts of nitrogen to one part hydrogen which is needed to make ammonia.

The air includes oxygen which is used to burn hydrogen and generate heat to complete the reforming of methane. As the gases flow down through the catalyst bed they are raised to a temperature of about 1,700 degrees. When the gas leaves this section the methane has been converted to hydrogen and carbon monoxide. Some of the carbon monoxide has been changed to carbon dioxide.

Now that the essential properties have been obtained, the ex-

traneous parts must be removed from the stream of gases before ammonia synthesis can be attempted. This amounts to changing the remaining carbon monoxide to carbon dioxide, which can be drawn off easily.

This process too is done in two stages — called shift conversion. Each stage is followed by absorption of carbon dioxide in methanolamine (MEA). Shift converters change the carbon monoxide to carbon dioxide, which is then vented into the atmosphere at the rate of about 11 tons an hour. The equivalent of more than 200 truck loads of "dry ice" per

day is vented away by this means when the plant is operating at design rates.

One more step is taken to purify the synthesis gas. It is passed through a methanator, which converts the remaining carbon monoxide and carbon dioxide back to methane, leaving the synthesis gas stream purer than 99.44-100 per cent.

The synthesis gas is now ready to be cooled and compressed to about 9,000 pounds per square inch. It is then passed through the Casale Synthesis Converter where the hydrogen and nitrogen combine to form ammonia.

The newly made ammonia would be difficult to store and transport in the gaseous state, so it is cooled to condense it into a liquid. The cooling is done by stages and pressure is dropped from an initial 9,000 pounds per square inch to about one-half pound pressure in the storage tank.

Natural gas reforming at 290 pounds per square inch, once thought impractical, has been achieved with completion of the 70,000 ton a year W. R. Grace ammonia plant east of the city.

The plant produces hydrogen for synthesis gas used in making anhydrous ammonia by reforming natural gas with steam at that pressure, believed to be the highest of any plant in the world. The highest reforming pressure in use before this plant went on stream was 250 pounds, used in France, according to Chemical Processing magazine.

Most plants today operate within the range of 180-200 pounds per square inch.

Follows Original Company Policy

William Russell Grace, founder of W. R. Grace & Co., insisted on flexibility of action, advancing on the fronts where technological change opened new markets.

When Peter Grace, his grandson, stepped into the chemicals industry after World War II, he was following a long established policy of the company. As in the past, it appears to be paying off.

Second Launched

Dedicated to Ecuador and named for one of her saints, the "Santa Mariana," second of four new Grace Line passenger-cargo liners, was launched in May of this year. The new sister ships are the only American-flag passenger ships now building and will be the largest ever to serve between New York and the West Coast of South America.

Another Contribution To Big Spring's Growth . . .

The
W. R. GRACE & CO.
ANHYDROUS AMMONIA PLANT

We join in a community welcome to this new industry facility, which adds to the economy of our community.

We're Helping Big Spring Grow Too!

Big Spring Savings, just a little over a year old, now has assets of more than \$2,000,000, thanks to the public's fine response. We're offering loans to help build homes in Big Spring, and we're encouraging thrift with a 4% interest rate on savings, compounded every six months.

BIG SPRING
419 Main

SAVINGS

ASSOCIATION
AM 4-7443

Seiberling Tires
"A Name You Can Trust In Tires"

Creighton Tire Co. Congratulates
W. R. Grace & Co.
Anhydrous Ammonia Plant

We welcome you to Big Spring . . . and cordially invite each member of this new plant to visit Creighton Tire Co. for the best in tires!

601 Gregg AM 4-7021

CREIGHTON TIRE CO.
Charlie Creighton — Dalton Carr

Congratulations

On The Completion Of . . .

W. R. GRACE & CO.
ANHYDROUS AMMONIA PLANT

Cabot Welcomes You To Big Spring's Industrial Family.



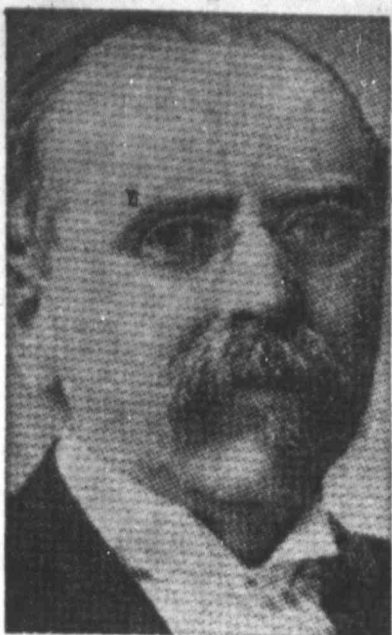
East Highway

AM 4-5501

CORPORATION

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In 1864, of Irishm all fleei famine. O ly-built 2 mined to William worked h tie in a s opportunit grants w 1850, your Peru to l in the off later bec firm, ther to Grace As a ch gan work buying hi he establi built the famed An unu ness had coast of time. For birds had jacent isl; accumula rich in favored America Grace l Grace & many dir beginning offices to be establi Pacific S He san mayor of 82, 1885-8 candidate

Within A Decade, Grace Becomes Chemical Giant



WILLIAM R. GRACE

Marine Trade Foundation Of Grace Company

In 1864, there was a big influx of Irishmen into the United States, all fleeing before the potato famine. One of these was a slightly-built 22-year-old man, determined to better his lot.

William Russell Grace had worked his way across the Atlantic in a sailing vessel, but the job opportunities for so many emigrants were not numerous. So in 1850, young Grace went to Callao, Peru to become a shipping clerk in the office of Bryce and Co. He later became a partner in the firm, then the name was changed to Grace Brothers and Co.

As a chandler, young Grace began work outfitting ships, later buying his own from profits. When he established his company, he built the first of his fleet, one of the famed clipper ships.

An unusual, but lucrative, business had the spotlight on the West coast of South America at the time. For centuries, local guan birds had used the cliffs and adjacent islands for roosts. The vast accumulation of "guano" was rich in mineral deposits and favored in Europe and North America as fertilizer.

Grace later organized the W. R. Grace & Co., which expanded in many directions from the initial beginnings. In 1865, he moved his offices to New York City. In 1891 he established the New York and Pacific Steamship Co.

He sampled politics twice as mayor of New York City, in 1861-62, 1865-66. As an anti-Tammany candidate, he gave Teddy Roose-

When the mantle of his forbears was placed upon J. Peter Grace in 1945, the said W. R. Grace & Co. was riding the crest of the postwar boom.

He was 32 years of age at the time, had a liberal arts degree from Yale University, a short time in the company's mail room to his credit, plus a stint in its Peruvian sugar operations, and little other experience.

The older heads in the business cast a jaundiced eye when he began to rock the boat and ultimately pushed for a plunge into chemicals.

"Hell, Peter," snorted one director, "you don't even know how to pronounce the names of most chemicals, far less how to manufacture them."

NEW THINKING

Peter Grace would admit to that, but he also had a strong



J. PETER GRACE

felt his start in politics as police chief.

Grace decided early on a basic idea: earn profits on every step of the distribution of goods. At first, he earned a profit only when commodities were shipped. But he aimed at a profit beginning with manufacture and ultimately to the point of final sale.

He developed sugar, coffee and rubber plantations in Peru, Chili and Brazil. He established the first shipping service to Latin America and construction of the first textile mills in Peru.

He built the foundation for a vast trading and shipping empire that soon became known throughout the West Coast of South America as "Casa Grace," the House of Grace.

Grace did not forget his own beginnings. Among his many philanthropies was one-fourth of the cargo of the United States steamer "Constellation," dispatched to aid the victims of the Irish famine in 1880.

In 1897 he established the Grace Institute at New York, for the instruction of women in domestic arts and sciences, trades and occupations. He was a member of the American Geographic Society and American Museum of Natural History.

The founder of the Grace empire was born in Queenstown, Cork, Ireland May 10, 1832. Many successes later, he died in New York City, March 21, 1904.

acquiring going chemical concerns and by building new plants. However, without operating experience, they found the going tough until they landed a license to build a big nitrogen products plant.

The rest is history, for in 10 years the company rocketed to a place of prominence in the chemical industry with chemical sales soaring from 13 million dollars to considerably past a quarter of a billion dollars.

Even Peter Grace's doubters conceded that he was right in his analysis of the future, and lucky or not, it is difficult to argue with success.

APPLYING FORMULA

The course of action was hardly the product of brashness, for W. R. Grace, the founder of the company, had from the start in 1854 considered that to remain on a profitable and permanent basis, businesses in underdeveloped countries of Latin America must be associated with the national progress. His grandson was simply applying this formula in a modern setting. Thus, he called officials to 7 Hanover Square in New York in 1950 to make a stark reappraisal.

"We were convinced that we were entering an age of advanced technology which would change the industrial face of both North and South America," he explained. "We determined to enter new fields."

This is characteristic of Peter Grace. He owns to an Irishman's temper, and to an easy smile and informal manner. He appears to relish his role of presiding over the affairs of a concern which has scores of operations in a dozen or more distinct fields. Yet, he is conscious of dependence upon aides for sound advice, for he says the secret of success in breaking successfully into the chemical business has been in getting top men.

BROAD INTERESTS

Like his founder-grandfather (who twice was mayor of New York), Peter Grace takes a lively interest in public affairs. Convinced that the United States has neglected its hemispheric responsibilities, he authored a treatise on Latin American relations and trade. Undoubtedly, this had substantial influence upon the shaping of an Alliance for Progress program.

He was named chairman of the Commerce Committee for the Alliance for Progress, a group of 30 top U.S. businessmen seeking to

promote increased private investment in the fields of housing, food processing, metal working, development of the Central American Common Market and related areas of activity. He also is president and chairman of the board of the American Institute for Free Labor Development, working with top industrialists, George Meany (AFL-CIO chief) and others to strengthen the cause of democracy in Latin American countries by training responsible workers in democratic trade unionism.

"FIERY CATALYST" Forbes business and finance magazine devoted feature play to him in its Jan. 15, 1962 issue. "Peter Grace, the fiery catalyst of the company's corporate mutation has a solid achievement to his credit," noted Forbes. "No one can deny the fact that Grace has elbowed his way into chemicals at a difficult time."

"It is like Mantle or Maris," Peter Grace explained to interviewers. "When they hit the top of the fence, no one complains because it isn't a homer. The fact that they almost made it is damn impressive." With plans on the board for complete modernization of the steamship line, the expansion of industrial enterprises, a budget of 25 per cent proportionately more than other chemical majors spend on research, he aims to keep rattling the boards.

Water Plays Key Role In Process

Water plays an important role in the forming of anhydrous ammonia. If the new W. R. Grace plant operates at capacity, during the first year of operation it will use almost four billion gallons of water.

Under normal operation, the plant requires about 56,270 gallons of water for every ton of ammonia produced. The large quantities of water are purchased direct from the Colorado River Municipal Water District through Cosden.

Visualizing the annual use of water is easier when looked at another way. It is enough water to cover the city of Big Spring, which is almost 11 square miles, with 21 inches of water. This is more than the average annual rainfall since the turn of the century.

Congratulations
W. R. GRACE & CO.

On Your Formal Opening
Wednesday, October 17

We Wish To Welcome
The Personnel Of

W. R. GRACE & CO.
ANHYDROUS AMMONIA PLANT

To Their New Home
In Big Spring

Natural Gas assumes many disguises to serve you — from its hydro-carbons come vinyl plastics, synthetic rubber, cosmetics, ink, cleaning fluid, anti-freeze! Natural Gas is abundantly, powerfully, economically at your disposal — ready to team its mighty energy with yours to prove anew that Progress is Energy in Action!

Live Modern . . . For Less . . . With Gas

fuel for a growing empire Pioneer Natural Gas Company



W. R. GRACE & CO.

Anhydrous Ammonia Plant

The Newest Addition To Our Industrial Complex

The W. R. Grace & Co. anhydrous ammonia plant is the newest addition to Big Spring's growing industrial skyline and a welcome addition it is. We at First National Bank offer our sincere congratulations to W. R. Grace & Co. on the occasion of the formal dedication of this modern new plant Wednesday.

FIRST NATIONAL BANK

we always have time for you





PENNY LEE RUDD

Miss Texas Is Here For Rites

The loveliest of Texas' beauties will be on hand here Wednesday for the unveiling of the dedication plaque at the W. R. Grace & Co. ammonia plant.

Penny Lee Rudd, chosen Miss Texas at the 1962 pageant, will do the honors.

Miss Texas is a junior at the University of Texas, majoring in journalism. As a high school student at Waskom, she excelled scholastically, averaging 96.4, one of the top averages of her class.

She lives on an East Texas Ranch and is an excellent rodeo woman. Penny rides in rodeos and horse shows and has many trophies and ribbons won by horses she has shown.

She was crowned in August at the 1962 Miss Texas Pageant held in Fort Worth. Competing with 45 other entries, she won the preliminary swim suit award and then was named Miss Texas 1962.

Company Operations Remarkably Varied

W. R. Grace & Co. has blossomed out from a simple beginning as a ship chandler to a major international corporation divided among chemicals, marine shipping, and industrial projects.

William Russell Grace got the ball rolling over 100 years ago when he arrived in Callao, Peru, seeking his fortune. He found it in a variety of enterprises. Merchantmen were plying the western coast of Peru where guano was being mined as fertilizer to be shipped to North America and Europe. Beginning as a ship chandler, he soon chartered his own ships, then had ships built for him.

PAY BOTH WAYS

He had his ships make a pay load both ways, however. Carrying guano to North America, his ships would bring back manufactured goods—"from pins to locomotives"—which were in high demand in South America. Also, he established agencies for the United States manufacturers, serving as their contacts in South America.

From the beginning, his business began to take on a multi-faceted look as he stepped in where there was a need for manufactured goods or processing of some raw material.

This outlook led him into such diverse interests as sugar, tin, nitrates and textiles. And the company prospered.

After World War I, Joseph P. Grace, his son, continued to expand the company's outposts in industry. The company built sugar refineries, got into mining, paper manufacturing, flour and textile mills, paint, cement, and electrical manufacturing.

AIRLINE

In 1928, Grace joined hands with Pan American to organize Panagra, probably the best known

airline in South America today. During the 1930's, an enterprising young Grace scientist had an idea to save export money for Peruvians. He wanted to experiment in making paper from sugar cane stalks, which was being destroyed once it had been processed for its sugar. He got the green light and began work.

In 1939, Grace opened the first paper mill in the world at Paramonga, Peru to use bagasse instead of wood pulp, and gave the country its own paper supply. In addition, a modern company town has grown up around the plant.

After World War II, the company began looking around for new fields of expansion. Under the guidance of Peter Grace, the first step was a search for experienced, aggressive leadership. These men came from other companies and for the most part had made a name for themselves in industry.

Then, the firm launched a campaign to enter chemicals. Today, more than 50 per cent of Grace assets are in chemicals, the results of the effort that began in 1950. The first plant was the Grace Chemical Plant at Memphis, Tenn., established in 1954.

In 1956, the Baton Rouge, La., plant was opened, making Grace in the polymer division. One of the biggest steps upward in chemicals was the acquisition of Dewey and Almy Chemical Co., Cambridge, Mass., and

the Davison Chemical Co., Baltimore, Md. Dewey and Almy developed the Cryovac process which has four plants in the United States and Canada. Davison was a pioneer in chemical fertilizers and both gave Grace an edge in the chemical field.

NUCLEAR FUELS

In 1958, Davison completed the Erwin, Tenn. plant which makes nuclear reactor feed materials. In all, Grace practiced diversity in this new field, with sealing compounds, plastics, resin coatings, chemical catalysts, synthetic rubber, oil refining, nuclear fuel processing.

Grace has over 60 plants in 18 nations today. Also during the 1950s, Grace organized the Libyan American Oil Co. as a partner with Texas Gulf Producing Co., and \$8 million concession. And of course, Cosden Petroleum Corp., with its experience and assets in oil refining and petrochemicals, joined the expanding family.

Beginning by carrying balances, the Grace National Bank in New York blossomed into a full grown banking concern. Griswold and Co., Inc. is another aspect of the company's diversity, as an insurance brokerage company.

From a small outfit of merchantmen, Grace has branched out as an international enterprise of diversified interests, confined largely to the three fields, as Peter Grace describes it, of "chemicals, steamships and industry."

Separate Unit Check Helps Smooth Plant's Production

The new W. R. Grace ammonia plant was eased into production Aug. 22, 1962 in what Jack Haralson, plant superintendent, described as "a very smooth beginning."

Construction was scheduled so that each unit could be checked out and "broken in" as soon as it was completed. When the last phase of construction was finished, the plant was ready to go on stream.

Bugs in the new operation were held to a minimum by the careful checking. Since it went on stream, the unit has been shut down only twice, each time for minor repairs. It is now producing almost at capacity at the rate of some 70,000 tons a year.

There is a high degree of instrumentation built into the plant for easier operation and smoother starts and stops. However it is not an automated facility.

"People operate the unit, not machines," Haralson stressed.

Although the plant has been producing anhydrous ammonia locally for just under two months, delivery of the product has been carried on by Grace since Feb. 7 when the first tank truck load was filled for delivery to the Plainview area. This ammonia had been delivered here and stored in the tank for sale in this area. Filling

the giant tank took almost three months, beginning the first week in November, 1961.

Sulfuric Acid Was First Step

The W. R. Grace & Co. Davison Chemical Division goes back to 1832 and has seen the chemical industry develop from the merest fledgling to its present stature.

Davison's part in the growth picture stemmed from sulfuric acid, most significant and useful of all the primary products of chemical processing. William T. Davison, the firm's founder, was a trained chemist and he produced the first sulfuric acid made in the South. Dissatisfied with the markets available, he sought new uses for it.

He learned to make superphosphate for agricultural uses by treating old bones with sulfuric acid, then later developed the use of South Carolina rock phosphate for the bones.

Gas Ideal For Making Ammonia

Simplicity of natural gas, a product readily available in West Texas, makes it ideal for use in the production of anhydrous ammonia.

Hydrogen, the most abundant element in the universe, is needed in large quantities for synthesis of ammonia. Three atoms of hydrogen and one atom of nitrogen make up ammonia.

This hydrogen can be obtained by stripping it from molecules of methane, which is as much as 99 per cent of the content of natural gas. Each molecule of methane consists of four atoms of hydrogen and one atom of carbon.

Air Source Of Raw Material

One of the most important ingredients of anhydrous ammonia is also the cheapest. You breathe it every day.

Air is needed to provide a source of nitrogen. It is filtered and then added to a gaseous stream of natural gas which has been broken down to its elemental form, providing nitrogen for ammonia and oxygen for burning and to combine with carbon so that it can be removed.

Howdy, Grace People!

It's always real nice to be able to welcome new neighbors . . . to tell them we're glad they've come our way, and that we will be chatting together over coffee and other items, for many years to come.

And so it is a great pleasure to be able to say "Howdy" to you folks out at the W. R. Grace & Co. Ammonia Plant.

We're happy a new industry is in Big Spring, but we're happier that new people are here, real friendly people, who will be sending their children to our churches and schools, and who will be shopping in our stores.

And we hope Hemphill-Wells Co. is one of those where you will always get the friendliest of West Texas welcomes.

Yes sir, Grace people, we're glad you're here.

Hemphill-Wells



Big News For Big Spring

The Formal Dedication Of W. R. GRACE & CO.

Anhydrous Ammonia Plant Wednesday, October 17.

The Herald is happy to join with other West Texas businesses in extending a hearty Texas-size welcome to W. R. Grace & Co. on the formal dedication of the new anhydrous ammonia plant here. We feel that W. R. Grace's new plant will enhance the economic, cultural and civic development of Big Spring and further our reputation as the industrial center of West Texas. We are quite pleased to have you as new members of our community.

The Big Spring Herald

Congratulations

And

Welcome

To Big Spring

W. R. GRACE & CO.

Anhydrous Ammonia Plant

from

W. D. Caldwell, Inc.

Snyder Hwy. — Big Spring

Congratulations

To

W. R. GRACE & CO.

(BEST CHEMICAL FIRM NOW IN THE WEST)

From

CACTUS PAINTS
(BEST MADE IN THE WEST)



MFG. COMPANY, INC.

Big Spring, Texas

A Rousing

West Texas Welcome

To

W. R. GRACE & CO.

ANHYDROUS AMMONIA PLANT

On Your Formal Opening
Wednesday, October 17th.

Lee Hanson

MEN'S STORE
Big Spring

Cosden Personnel To Operate Ammonia Plant For Grace

An unusual personnel arrangement for operation of the new W. R. Grace & Co. ammonia plant has been made with Cosden Petroleum Corp., in which Grace is a majority stockholder.

All personnel operating the plant are employees of Cosden. The only personnel on the Grace payroll are in the marketing department. They are Paul Lowery, general manager of sales; Mike Hobart, billing clerk; and Billie Bauer, secretary.

"It is difficult to say exactly how many persons work at the plant," C. J. (Jack) Haralson, superintendent, said. "There are some men who work only at the ammonia plant. But in some areas, such as maintenance, technical departments and administration Cosden personnel are used by both this facility and Cosden."

Haralson joined Cosden in August, 1961 and has been with the ammonia plant since. Construction of the storage tank was about half completed then. He came here from Amoco Chemical Corp., where he worked four years.

But, he is no stranger to Texas. He was born in Burk Burnett and is a graduate of Texas A&M. The 39-year-old superintendent received a bachelor of science degree in chemical engineering there in January, 1947 after taking time out to serve in the Army Chemical



JACK HARALSON



HENRY SCHAEDEL

Corps from 1943-46. He was a captain.

Haralson also spent three years in Tulsa and eight years in Brownsville. The family now lives at 1606 E. 5th. They have five daughters.

Brooklyn born Henry Schaedel, 35, is operations supervisor. He began work here March 23 of this year, although he has been with W. R. Grace & Co. eight years. He came here from Memphis, Tenn. The Schaedels have one daughter. Operators at the new plant are

all Cosden employees who are being used by Grace to operate the plant. They too are on a permanent "loan" basis.

Two fifteen-year men are included among the four. They are John A. Hobbs Jr., who has 19 years of service with Cosden, and Fred Franklin, who recently joined the club. Other operators are Valcus Bill Best, with nine years of service, and R. Glenn Leppard, with 12 years.

Three crews of men who take care of the operation of the plant are under these operators.

Huge, White Storage Tank New Landmark

The most conspicuous structure of the W. R. Grace ammonia plant is the giant white storage tank which is visible from several miles away. Its proportions become even more awesome looking up from its base or down on the countryside from the umbrella top.

The tank can hold 15,000 tons of anhydrous ammonia, or, in other terms, 126,000 barrels or 5.3 million gallons. In this giant vessel the ammonia is stored at minus 27 degrees Fahrenheit under a pressure of one-half a pound per square inch.

The storage facility is really two tanks, one inside the other, with a 2½-foot space between filled with expanded perlite insulation. The outer tank is 129 feet by 60 feet and the inner tank is 124 feet by 60 feet. The inner container is made of special alloys which can withstand the extreme cold without becoming damaged.

Ammonia which goes into the tank has been brought down in successive stages from an original pressure of about 9,000 pounds per square inch to almost no pressure at 27 degrees below zero. There it is held at that temperature by a 1,000 horsepower refrigeration unit.

The ammonia is used to help cool itself by pulling ammonia vapor out of the top of the tank, compressing and cooling to condense it again to a liquid, then returning the liquid to the storage tank.

Grace Emphasizes Research Program

Raw materials, plants and markets may make up the life's blood of the chemical industry, but research is its soul.

A generation ago chemicals were few and of little economic consequence. Today there are more than 10,000 chemical products on the market. Virtually all of these have resulted from research.

Drawing on the reservoir of 171 years of chemical know-how of Davison Chemical (1832) and Dewey & Almy (1919), W. R. Grace & Co. has placed great emphasis upon research.

In 1960, the company invested something like \$10,300,000 in chemical research. This amounted to 4½ cents out of each dollar of chemical sales. The general industry pattern is 3-4 cents, thus Grace is putting about 25 per cent more into research than the major chemical firms.

RESEARCH CENTER

A key part of the plan ("you can't beat a man with a plan") is the new \$5,000,000 research center located in Clarksville, Md., about 24 miles north of Washington, D.C. Here around 400 scientists work to extend the new areas of chemistry and experimentation which is beyond that in the divisional laboratories.

The divisional laboratories have nearly as many researchers at work devising product improvement and discovering new chemical applications for their branches. In all, Grace has about 800 scientists and technicians exploring scientific frontiers. A complete laboratory has been established in Zurich, Switzerland, and at Milan, Italy there is a technical center. Evidencing the wisdom of this



W. P. GAGE

concerted program of chemical research is the granting of 183 United States and foreign patents to Grace in 1960. From 1956-60, an aggregate of 595 patents were issued to Grace.

President of the research division is William P. Gage, 52, who, incidentally, is on the board of directors for Cosden Petroleum Corporation. Gage joined Grace in 1953, coming from Shell Chemical Corporation. He had been named vice president in charge of manufacturing for Shell Chemical at age 32 and is regarded as one of the nation's keenest minds in this field. He holds a bachelor's degree in chemical engineering and a master's degree in petroleum engineering from the University of Oklahoma.

Big Spring (Texas) Herald, Tues., October 16, 1962 7-B

PENNEY'S
60th
ANNIVERSARY

WELCOME
to Big Spring...
W. R. GRACE & CO.

Best wishes
on the
formal opening
of your
Anhydrous Ammonia
Plant Oct. 17.

Strategic Location Figures In History Of Host City

Now that W. R. Grace & Company is being introduced to Big Spring, perhaps it is proper to introduce Big Spring to Grace.

This city, as the ammonia plant location by Grace will testify, is happily and strategically situated.

THE RAILROAD COMES
Buffalo hunters found it a paradise as they decimated the herds of bison which moved about the sea of virgin grass. Then came the Texas & Pacific railroad in its race to the West, and the spring provided the precious water for locomotive boilers.

Thus came into being the settlement of Big Spring, named for this historic water hole. Soon it blossomed into a division point for the young railroad and then as a railpoint for great cattle herds. Cattle empires sprang up, none more fabulous than the Slaughter Long S outfit that spread all the way to New Mexico.

SOD BUSTERS
After the turn of the century, plows began to break the sod, and gradually farmers moved in. In the decade from 1910-20, the rush

was on to turn ranches into fields.

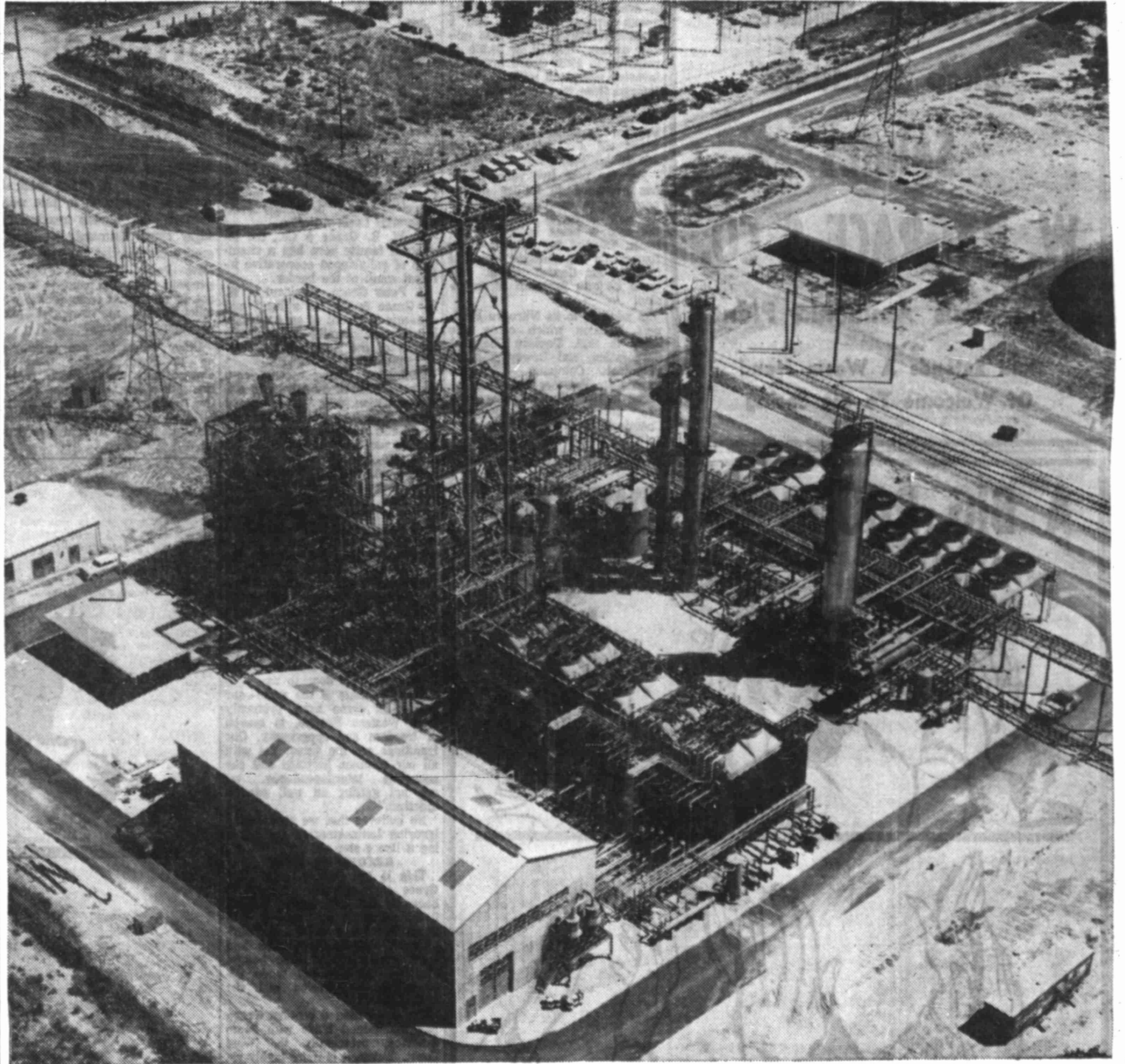
Another source of income was indicated in 1920 and tapped commercially in 1925 when oil was produced. Since then some 4,000 holes have been bored in the county in search of black gold, a big majority of them producers. This attracted refineries—four of them at one time—but Cosden alone stuck. This firm within the past two decades made herculean strides and broadened into petrochemicals and plastics. Around it grew other industries such as Cabot Carbon, Reef Fields Natural Gasoline, Richardson Carbon Black, and now the Grace ammonia facility.

AIR BASE
During World War I, the U.S. Army Air Force established a bombardier school that achieved an enviable record. With the demand of a defensive buildup in 1951, the Air Force returned to establish jet pilot training base, which also houses the 331st Fighter Interceptor Squadron. Big Spring also became the home in 1939 of the State Hospital, and in 1959 of

the Veterans Administration Hospital. These were added to four private hospitals, making this a medical center.

Big Spring is at the cross roads of the two longest trans-continental highways—Interstate 20 and US 87. It also has a modern county airport and commercial air service as well as train, bus and truck service.

BETTER LIVING
The city has over two score congregations and nearly that many church plants. It has 11 elementary schools, three junior highs and one senior high school, and since 1946 it has had Howard County Junior College, a fully accredited institution of higher learning. The Scenic Mountain State Park overlooks the city and a panorama of fields and ranges, and the city park, two golf courses, several lakes in the area, include the Colorado River Municipal Water District reservoir (Lake J. B. Thomas) add to the recreational facilities. Thus have been added the graces of living to the steady economics of industry.



Another important step forward in Big Spring's industrial progress

The new W. R. Grace & Company anhydrous ammonia plant is another example of Big Spring's industrial development.

Operated by Cosden Petroleum Corporation as part of the growing petrochemical complex here, the new plant will utilize this area's abundant

supply of natural gas to produce anhydrous ammonia for distribution in a five-state area.

Big Spring, in addition to its progressive citizenship and abundant natural resources, has all the other ingredients for still greater industrial growth—including plenty of dependable electric power.

From an old resident
to a new one

Greetings!

First Federal
Savings and Loan Association

Welcomes

W. R. GRACE & CO.
Anhydrous Ammonia Plant

To Our Community

And give a great deal of pleasure to wish
a long and successful future to a
distinguished new neighbor to Big Spring.

FIRST FEDERAL
SAVINGS AND LOAN ASSOCIATION
510 Main

TEXAS ELECTRIC
SERVICE COMPANY
Good Electric Service — A Partner in Area Growth





Visiting Officials

Included among W. R. Grace & Co. officials of the Nitrogen Products Division making the trip to Big Spring for dedication of the new anhydrous ammonia plant are, left to right, John G. Carriere, vice president; F. J. Roman, marketing vice president, and Robert Q. Parks, general manager.

Rise Of Grace In Chemical Field Is Amazing Story

How a company rooted in marine shipping and South American trade rose to a position of eminence in chemicals within the space of 10 years is almost as amazing as many of the specialties it produces.

When W. R. Grace & Co. determined in 1950 to change direction of major emphasis and

get into the chemical field, it had virtually no background to support the decision. Grace had acquired a 17 per cent interest in Davison Chemical Company, a chemical concern specializing in fertilizers since 1832. With the aid of Davison experts, Grace got a license to accelerate depreciation on a nitrogen fertilizer plant

at Memphis, Tenn. By that time Grace had acquired on the open market 64 per cent of Davison stock just under its book value, and then merged. The following year, in 1954, Grace picked up Dewey & Almy, a maker of sealing compounds and plastic films, and the drive to carve a place in the chemical field was under way.

Perhaps more important than the physical assets acquired, Grace gained the benefit of men experienced in chemicals. Recruiting other top-flight talent, Grace launched upon a program of unprecedented expansion.

From the sale of less than \$13,000,000 of chemicals in 1952, Grace pushed its total to an amazing \$252,446,000 in 1961 (and the total is even higher this year). Fixed assets jumped from two and a quarter million to nearly 140 million dollars. Instead of \$6,000 to research in 1952, Grace last year invested nearly 10 million. Plants jumped from four to 60, the number of employees in the chemical enterprises from 475 to 10,680. Pre-tax earnings in chemicals wiped out a deficit of 10 years ago to hit just under \$32,000,000.

For the past five years Grace has averaged 20 million dollars per year in capital expenditures for new chemical facilities, and the rate is being boosted to between \$30 and \$40 million. These figures do not include chemical projects for Cosden which supports its own program of expansion.

In addition to its Nitrogen Products Division which came into being in 1952, Davison Chemical Corporation, and Dewey & Almy Chemical Company, Grace formed its Polymer Chemical Division in 1955. The following year two new divisions—Overseas Chemicals and Cryovac—were split off Dewey and Almy.

Petrochemicals Attract Cosden

Approximately 15 years ago, Cosden Petroleum Corporation began dabbling in operations that eventually led to a substantial commitment in petrochemicals.

In the process of "polishing" its gasoline and other fuel products, Cosden extracted the mercaptans which give most of the area crude oil an unpleasant odor. An enterprising young chemist, Bill Jackson, had come to Cosden from Shell, and he began tinkering. Presently, he had a small apparatus set up to produce cresylic acids, and Cosden was marketing small amounts of chemicals in barrel lots to paint, pharmaceutical and pesticide houses.

SERIOUS BID
Cosden's gasoline yield was high in aromatics, and since they added nothing to quality of fuel, they could be extracted and used in stock for a chemical operation. Thus came into being Cosden's BTX plant, the unit that got the company into petrochemicals in a serious way with its output of benzene, toluene and xylene.

At a cost in excess of \$3,000,000, the BTX unit went on stream Sept. 15, 1952, at the rate of 13,000,000 gallons a year and it proved almost an instant success. Within four years the gross operating profits from the unit had exceeded the plant cost, and in 1955 the company had reported production of \$4,500,000 in petrochemicals.

STEPPING STONE
More important, the BTX plant furnished a stepping stone to other chemical operations. In cooperation with Phillips Chemical Company, Cosden in 1953 put in a refrigerative crystallization unit that extracted paraxylene from the mixed xylene stream to yield a material Phillips used in making the synthetic fibre, Dacron.

This unit subsequently was put on a standby basis, then revamped

to greatly enlarge its yield when a 10-year contract on its product was executed.

Then came the production of Kenflex resin, used as a modifier in synthetic rubber and plastics. Cosden had installed an alkylation unit in 1954 and for a time considered a sulphuric acid process, and this led to speculation of utilizing spent acids in manufacture of fertilizer. However, a hydrofluoric process was decided upon.

STYRENE NEXT
Always looking for a way to upgrade products, Cosden next turned to styrene. Confounding the experts was now an old story for Cosden, but the company did it again by extracting ethylbenzene from the xylene stream of the BTX facility (which had boosted its capacity to 23,000,000 gallons per year), then by a super-fractionation, recovering styrene monomer. This had a ready market as a component in synthetic rubber.

The plant had a 20,000,000-pound per year yield, and within a year it had been decided to utilize the output in manufacture of polystyrene, a crystal-clear plastic. Thus, in February of 1958 the polystyrene plant was in operation. The process was new, and it required about a year to get out most of the bugs and to begin showing a profit.

POPULAR POLYBUTENE
In the 1960 fiscal year, 18 per cent of Cosden's gross profits after depreciation had come from its petrochemicals. During the next year, it was decided to up the styrene output to 70,000,000 pounds per year and to about treble the polystyrene capacity.

Cosden also created a new process for making polybutene, a highly viscous product marketed as Polyvis. This was much in de-

mand as an additive for lubricating oils, in pressure sensitive adhesives and in sealing compounds. The process has since been licensed to domestic and several foreign oil companies. (The ethylbenzene process also has been licensed to others).

IMPORTANT ROLE
Cosden also devised means of

extracting orthoxylene and metaxylene, used in polyester resins. It once explored possibilities of dodecylbenzene, a component in synthetic detergents. The dehydrogenation units in several processes has yielded a volume of hydrogen gas which so far has been utilized as a fuel.

At any rate, Cosden in the

fiscal year ended April, 1962 had chemical sales of over \$15,000,000. Of its oil put-through at the refinery, 5.6 per cent had emerged as petrochemicals, a gain of 20 per cent for the year. While less than a fifth of total volume of sales, petrochemicals had accounted for more than a fourth of the profits of the company.

Congratulations

To

W. R. Grace & Co.

On the opening of their new Anhydrous Ammonia Plant in Big Spring.

We wish them much success and continued growth.

And we are happy that we had a part in the building of this plant.

A. P. Kasch And Sons Contractors

107 Gregg

AM 4-5286

Company Stresses Neighbor Trading

Big Spring people, only 300 miles removed from the Mexican border, are conscious of the importance of sound, neighborly relations with Latin America.

In W. R. Grace & Co., the industrial family here has a champion of enlightened cooperative interest south of the border.

J. Peter Grace, president of W. R. Grace & Co., is a lucid and dynamic exponent of an American hemispheric family—a commonwealth of the Americas.

TRADING PARTNER
"Somehow during recent years we have allowed ourselves, in our preoccupation with other world areas, to be less aware of the fact that Latin America is our largest trading partner," he observed. "It is in the Americas we have the largest amount of our direct private investment abroad—almost \$9 billion. It is the principal source of our most needed strategic minerals and of countless items to maintain our daily life. It has a tremendous land mass—twice the size of ours; its population of 171,000,000 is growing almost twice as fast as our own. It has great wealth of natural resources that have not even been touched, rich soil and energetic, capable people. Its importance today is great. Its future potential is enormous. And it is right next door to us."

"Our heritage is the same—our people all came here, primarily from Western Europe, in search of freedom and opportunity. Our traditions are the same. Yet with all our common heritage and our economic interdependence, we are not getting on well enough together."

He believes that we should stop ignoring Latin-America and treating it like a step child.

RECORD BACKS IT
This is not merely talk. The Grace company has a record to back up this philosophy. Indeed, it was founded in Peru by William R. Grace, who furnished supplies to shipping companies and later chartered and then bought his own ships to ply trade between South America and the United States.

For more than a century Grace has maintained trade with South America, principally the West Coast. Today, it is more highly regarded than ever, indicating a sound course as a developer rather than an exploiter of resources.

The company has interests in Chile, Peru, Colombia, Brazil, Puerto Rico, Trinidad and other points. It has half interest (with Pan-American Airways) in Panama, the leading South American airline.

OTHER DEVELOPMENTS
In Cali, Colombia, Grace is completing a 35,000-ton per-year paper mill in cooperation with International Paper Co. One of its subsidiaries also is producing pathalic anhydride, naphthalene and various plasticizers. In Trinidad it has a major ammonia facility and is the first firm to ship it in liquid form by boat all over the world. Grace has an interest in a fertilizer plant in Puerto Rico.

Since Peru was the starting point for the Grace empire, it is notable that one of the prime examples of development is located there. It is Paramonga, near an old Inca fortress.

Grace acquired 12,000 acres there in 1926 and set up operation of a sugar plantation and mill. Today many enterprises have evolved from this, including food products (including factories making candy and cookies), beverages, cattle feed supplements, paving stabilizers, and paper.

PAPER MILL
The paper enterprise is a fascinating one. Since there are no forest pulp sources, Peru and other

neighboring countries had to import all paper. A Grace chemist began to experiment in 1936 with bagasse, the fibrous residue of sugar cane. Ultimately he developed a commercial paper process. Now Peru has a 70,000-ton-per-year plant, and paper is turned out in all grades from facial and toilet tissues to newspaper and packaging materials.

Other industries are springing up in Peru, among them a caustic soda plant, plastic facilities and others. Grace had one of the first textile mills in Peru. It had sugar, coffee and rubber plantations also in Chili and Brazil.

A BIG ROUND OF APPLAUSE



FOR W. R. GRACE & CO.

On their Formal Opening Wednesday, October 17th.

We wish to join in welcoming them in true

West Texas fashion . . . to Big Spring.

THE STATE NATIONAL BANK



...going to town

The new W. R. Grace Company plant is finished and about ready to "go to town."

Here's an old-fashioned, western welcome from your neighbor . . .



Sid Richardson CARBON CO.

FORT WORTH, TEXAS

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April, 1962 had
er \$15,000,000.
h at the re-
had emerged
a gain of 20
r. While less
volume of
had ac-
a fourth of
pany.

LP Gas Means All Fuel Conveniences

It hasn't always been so, but ranch and rural homes today can boast of the most modern conveniences—largely through the services and supplies furnished by firms such as the S. M. Smith Butane Company of Big Spring.

No longer is a pile of coal or a stack of kindling and firewood seen around farm homes. It probably isn't missed by the homemaker; they are doubly grateful for the advent of butane fuel. Butane, supplied by S. M. Smith, is the fuel used for their heating, cooking, hot water supply and pumps.

In addition to supplying homes with LP gas, Smith also services industrial sites, and drilling rigs in Howard County.

Conversion of natural gas heating, cooling and cooking equipment to the use of LP gas is one of the services Smith specializes in. By consulting with Smith, the new rural resident can save money in this way by not trading or buying new appliances.

Mrs. Smith manages the offices

in the new plant on the Snyder highway. During the days she is available to take telephone orders or answer inquiries concerning LP gas usage. At a customer's request, the Smith's will see that a serviceman keeps a record of the quantity of LP gas used. In this way, he can keep the supply at a safe level even if the homeowner forgets to check it.

The rear section of the building contains the repair shop where the work is done on appliances using LP gas.

On display in the front office are several models of the Dearborn heaters sold by Smith. These range from 10 to 25 thousand BTU's to insure comfortable heating for any rural home. These heaters are well designed and attractively finished in white or metallic tones.

Smith Butane Company is also the place to pick up Champion HI-VI motor oil, well known as an all-around oil for both gasoline and diesel engines.

Cactus Paints Designed For West Texas Climate

Why buy high-priced paint and waste a good deal of money when you find it doesn't hold up in West Texas climate?

This is the question asked by the developers of Cactus Paint Company as they continue to increase production of their quality paints that have been proven suitable for use in this area.

Research chemists at the local plant did not stop with an "adequate" paint. They continue to experiment with and test their ingredients in a continuous program of improvement. They maintain quality control by a series of tests

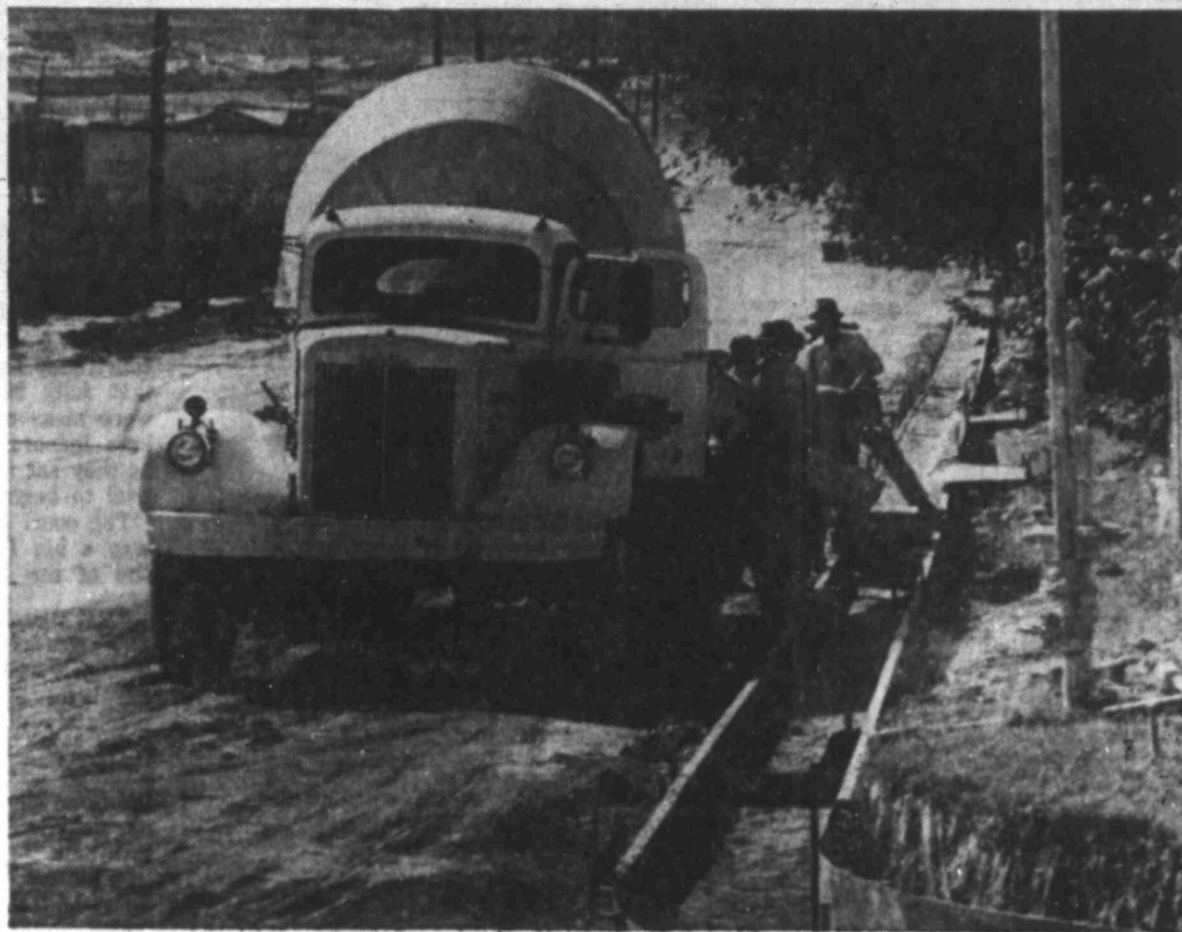
that are run on each ingredient that goes into their paint. This means that over 250 basic materials are refined and purified for use in the Cactus products.

A Cactus spokesman points out that paint is a perishable commodity and as such, should be sold and used while it is still fresh. It is best for the manufacturer to locate his plant near his biggest market and develop a product that will best serve that area.

In West Texas, exterior paint is subjected to extremes in hot, cold and dry atmospheres. It must

BIG SPRING BUSINESS and INDUSTRY

9-B BIG SPRING, TEXAS, TUESDAY, OCTOBER 16, 1962 9-B



Mixer At Work

One of the Clyde McMahon Concrete Company trucks pours pre-mixed concrete for curbing prior to the street paving on Birdwell Lane. At the company batching plant on N. Benton, cement, sand and gravel are combined in the specified amounts by the use of electronic controls and dumped into one of the mixer trucks. By the time the truck reaches the work site, the concrete is mixed and ready to pour.

take a lot of punishment from wind-blown sand with enough force behind it to pit and scar the surface. Cactus paints are made to resist this damage.

The Cactus paints are produced in all standard colors which are premixed before canning. Varying shades are custom blended upon request by the customer. Cactus can help with the home-

owners decorating by matching or contrasting interior paints to blend with the fabric or object colors the scheme is being built around.

The company offers a complete line of interior, exterior and industrial maintenance finishes in all convenient can sizes. Three salesmen travel the area to contact retail outlets for the paints.

Last year, alone, Cactus sold over 200,000 gallons of paint and it has produced approximately three million gallons since the first can came off the assembly line.

The makers of Cactus paints say there is no need to purchase paints made for other climates when the paint made especially for West Texas is produced right here.

M'Mahon Has The Know-How On Foundations

Building your home on a firm foundation is still a lot of work even if you know how. It's no trick at all if you know WHO.

The "who" in this case is the Clyde McMahon Concrete Company, a home-owned and operated firm producing most of the ready-mixed concrete used locally.

The new plant site is located at 605 N. Benton. On the company property near the modern office structure are warehouses, batching operations, equipment sheds and space for the 11 truck fleet that is required to handle the McMahon operations.

All units of the automotive section are equipped with two-way radios. By using this instant communication, the dispatcher is able to take extra orders from the work site. Drivers can save construction time and money for the builder by using his radio to call orders to the office.

The orders are processed immediately by the office staff and instructions for the batching formula are checked for accuracy. Recently the Automatic Control Electronics Company of San Antonio designed the controls that enabled McMahon to convert the batching plant from manual to electronic controls.

With the new controls, it only requires one operator to batch a seven yard load of concrete every two minutes. The automatic weighing of ingredients insures a perfect mixture in each batch of concrete. The batch plant operator has a book, similar to a housewife's recipe book, showing the number of pounds of cement, sand and gravel needed for any mix a customer may request. The operator sets the dial and pushes a button. In less than two minutes the batching is complete and the mixture is dumped into a mixer truck.

The concrete is then mixed while being transported to the work site and is ready to pour upon arrival.

Many Big Spring homes have



Free Squirt Bottle With No-Roach

A free plastic squirt bottle is now attached to each pint (16 oz.) of Johnston's No-Roach. This can be used to squirt the bug-killing, creamy liquid into "hard to get at places" where cockroaches and spiders live and breed. A few of these places are behind the refrigerator, under boxes, around the sink . . . spaces in the basement, garage—or in restaurants, hospitals, factories, hotels, etc. The liquid dries to a colorless, odorless coating that stays effective for months. In addition to this squirt application, you can, of course, brush the liquid around cabinets, sills, and places where you have seen roaches or ants. The combination of the two methods will guarantee a bug-free home. No-Roach pints with free plastic squirt bottle are on sale for \$1.69 at Hull & Phillips, Dist. by Strippling Supply.

made good use of the precast patio blocks made by McMahon. With these blocks and a little imagination a dull backyard can take on a festive air—and for very little money, McMahon manufactures picnic tables, benches and flowerbed curbing of long-lasting, weather-resistant concrete, along with bicycle parking blocks, too.

Trinity Memorial Park

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1206 E. 4th AM 3-3362
Shift Kits For Automatics, \$39.95
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Science finally has the answer to carpet cleaning. Blue Lustre, a new development, is mixed with water and brushed into carpet or upholstery. It's amazing the way forgotten colors spring out. The nap is left open and lofty. It's easy to apply. One-half gallon of Blue Lustre cleans three 9x12 rugs. Available at Big Spring Hardware, 115 Main St.

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Cut the time-taking task of mixing concrete out of your construction schedule. Let us mix to your order and deliver.
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"The Safety Tire You Never Have To Replace"
LOW PROFILE
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No. 3 W. Hwy. 60 AM 3-4851
"WHERE FOOD AND DRINK ARE A LITTLE BIT BETTER"
H. M. and Ruby J. Rainbolt

BUZ SAWYER

BOB, THIS IS STAN AT IDENTIFICATION. A LITTLE GIRL WITH A DOLL JUST SCOTED BY HIS.

THANKS, STAN. WE'VE GOT HER SPOTTED ON TV RUNNING DOWN THE PERSONNEL TUNNEL.

ANYTHING SHOW UP ON THE FLUOROSCOPE?

NO METAL OF ANY KIND, EXCEPT IN HER DOLL... APPEARS HARMLESS.

Whee! I'M IN! NOW IF THEY WILL ONLY GIVE ME TIME TO TAKE A FEW PICTURES.

GASOLINE ALLEY

This is the statue, Jim. It's heavy but a couple of men can handle it.

It'll take at least four men to get it down these stairs!

Wilmer, it'll cost you about \$50 to get this statue out of here and set up in the park.

Cost me? It's for the park, isn't it?

The Park Board should do it for nothing!

Your statue is a private venture. If you want the city to move it you'll have to pay!

NANCY

YOUNG LADY--- I FORGOT MY GLASSES---

WILL YOU READ THIS CARD FOR ME?

IT SAYS---

---"YOU ARE VERY ABSENT-MINDED"

WEIGHT AND FORTUNE

LIT' ABNER

OH, FO'GIVE ME FO' SLUGGIN' YO'RE CHILE!!

AH DON'T BLAME YO-- HE CALLED YO' A SCRAWNY OLE HAG!!

SO, WHAT IF HE DID? IT'S TH' NAKED TRUTH!!

HE TELLS EV'RYBODY TH' TRUTH--AN' EV'RYBODY SLUGS HIM!!

OH, PANSY!!-- AH WANTS MAH BOY TO BE NORMAL!! SO, YO' GOTTA CURE HIM O' TELLIN' TH' TRUTH!!

BLONDIE

POP-- CAN I HAVE TWO DOLLARS FOR A MARRIAGE LICENSE?

HERE YOU ARE

WHAT DID HE SAY?

YOU'LL HAVE TO THINK UP SOME EXCUSE

ORPHAN ANNIE

I KNOW, CONSTABLE! THOSE THREE CROOKED GAMBLERS WON THE CARNIVAL AND NOW THEY PLAN TO REALLY RUN GAMBLING WIDE OPEN!

NA-NA! THAT WAS LAST WEEK! I JUST BEEN OUT THERE! GUESS WHO'S TH' NEW OWNER!

GO ON, J.P. I'LL GIVE Y' TEN GUESSES, OR A HUNNERT! THIS Y'WONT BELIEVE!

OH, FR HEAVEN'S GAKE! STOP BABBLING AND-- EN' WHAT ON EARTH IS ALL THAT?

THAT'S TH' NEW OWNER OF TH' CARNIVAL! I TOLD YUH Y'WOULDN'T BELIEVE IT!

WELL, I'LL BE--

BANG! WAH-HOO! EEE-YOWIE! WOO-RAY! HONK-HONK!

SNUFFY SMITH

CRACK!

DON'T REACH FOR IT, PABLO...OR THE NEXT SLUG HEADS FOR YOUR HEART!

KERRY DRAKE

AS PABLO'S GLANCE DROPS TO THE ROLLING SHOE-POLISH CAN, DRAKE'S HAND DARTS TO THE SHINE-BOX!

GET IT YOURSELF, JUANITO! I HAVE MORE IMPORTANT THINGS...

CRACK!

DON'T REACH FOR IT, PABLO...OR THE NEXT SLUG HEADS FOR YOUR HEART!

DONALD DUCK

R-R-RING... R-R-RING... R-R-RING...

HEY WHAT TOOK Y' SO LONG TO ANSWER THE PHONE?

LUCKA DONALD... ER--A-A--MAY BE THE LAWN MOWER MAKES TOO MUCH NOISE!

TODAY'S CHORES: I CLEAN ROOMS! I CLEAN ROOMS!

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DICK TRACY

Children's 12" LP

Records

\$1.00

Choice Of 10 Favorites

LAYAWAY NOW

For CHRISTMAS

New On Display

New Records and Merchandise

MARY WORTH

REAR SEAT SPEAKER KIT

\$3.75

5" x 7" Complete Kit

REX MORGAN

REAR SEAT SPEAKER KIT

\$3.75

5" x 7" Complete Kit

PEANUTS

THIS IS THE TIME OF YEAR TO WRITE TO THE GREAT PUMPKIN!

ON HALLOWEEN NIGHT HE RISES OUT OF THE PUMPKIN PATCH AND FLIES THROUGH THE AIR WITH HIS BAG OF TOYS FOR ALL THE CHILDREN!

I'M WRITING TO HIM NOW... DO YOU WANT ME TO PUT IN A GOOD WORD FOR YOU, CHARLIE BROWN?

BY ALL MEANS... I CAN USE ALL THE INFLUENCE I CAN GET IN HIGH PLACES!

DICK TRACY

I KNEW WE SHOULD HAVE 'STAYED OVER THE FLATLAND AND OUT OF THESE MOUNTAINS.

BUT YOU WANTED TO TAKE PICTURES.

ANYWAY, WE HAVE A RIGHT TO FLY THESE MOUNTAINS. IT'S A FREE COUNTRY.

I'LL FIND THAT PLACE AGAIN AND THE JERK WHO FIRED THAT SHOT, IF THAT'S THE LAST THING I DO.

I GOT A PICTURE OF HIM.

GAS GAUGE READS ZERO! GET READY, HERE GOES!

MARY WORTH

YOU NEVER LOOKED LOVELIER, PRISCILLA--OR MORE--AT PEACE WITH YOURSELF!

IF EVERYBODY COULD FALL IN LOVE, AND STAY IN LOVE, PSYCHIATRISTS WOULD STARVE, MRS. WORTH!

OH!-- HOW NICE!-- RUSTY AND PAPA AND MAMA ARRIVING AT THE SAME TIME!

HE PROBABLY PLANNED IT THAT WAY--AS A LITTLE FAMILY MEETING--WHERE WE CAN DISCUSS THE ENGAGEMENT!--...THOUGH THEY DON'T LOOK-- CONGENIAL, SOMEHOW!

REX MORGAN

WHAT'S WRONG, REX?

I MUST HAVE BEEN CUT OFF!

YOU'RE NOT TALKING TO MORGAN... UNDERSTAND?

LOOK, TONY... YOU KNOW ME WELL ENOUGH TO REALIZE THAT I DO WHATEVER I WANT TO DO! IF I DON'T TALK TO HIM NOW, I WILL TALK TO HIM TOMORROW... OR THE NEXT DAY!

GIVE ME THAT PHONE, TONY!

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POGO

I DON'T THINK YOU OUGHT TO PRESSURE ME INTO BUYIN A SERVICE OF YOURS THAT I DON'T WANT...

NO! NO!

WHO'S NASTY WHOSE TIME YOU BETTER ACCEPT THE PROBLEM I CAN SOLVE INSTEAD OF EXPECTIN' ME TO SOLVE SOMETHIN' I CAN'T-- THAT'S WHY I'M A SPECIALIST-- NOW, TAKE THIS CAT HERE... I CAN GET HIM OUT OF A TREE FOR YOU...

OOG! THAT'S A CAT? DOES HE EVER SAY WHAT HE'S STARIN' AT?

IF HE KNEW WHAT HE WAS STARIN' AT, HE WOULDN'T BE A CAT...

GRANDMA

GRANDMA, YOU LOOK THIN!

I'LL BET YOU'RE ON ANOTHER DIET!

NO, BUT I WAS INVITED OVER T' TH' SHACK FOR A MEAL COOKED BY TH' KIDS LAST WEEK...

...AN' AFTER ONE O' THOSE AFFAIRS, I ALWAYS LOSE MY APPETITE FOR A TIME!

TERRY

AT THE SOUTH-EAST ASIATIC COUNTRY'S CAPITAL AIRPORT A SECURITY GUARD IS THROWN AROUND A JUST-LANDED U.S. ARMY HELICOPTER.

A BULKY MECHANISM WHICH WAS ONCE PART OF A CHINESE A-BOMB TEST IS HASTILY LOADED ABOARD A UNITED STATES-BOUND TRANSPORT...

WHILE ONE OF THE CHOPPER'S CIVILIAN PASSENGERS REACHES A DECISION...

ALAS! ONE MUST BE A FIRM!

SMITTY

SAY YOU'RE NOT FOOLSE! WHAT'S GOING ON HERE?

PEST! SHE'S JUST A MONKEY, MR. BAILEY!

A MONK!

IT'S LIKE THIS, SIR! SHE'S TH' MASCOT OF YOUR OLD COLLEGE!

WERE AFRAID OUR HATED RIVAL'S WILL STEAL HER BEFORE THE BIG GAME!

GET THAT MONK OUT OF HERE!

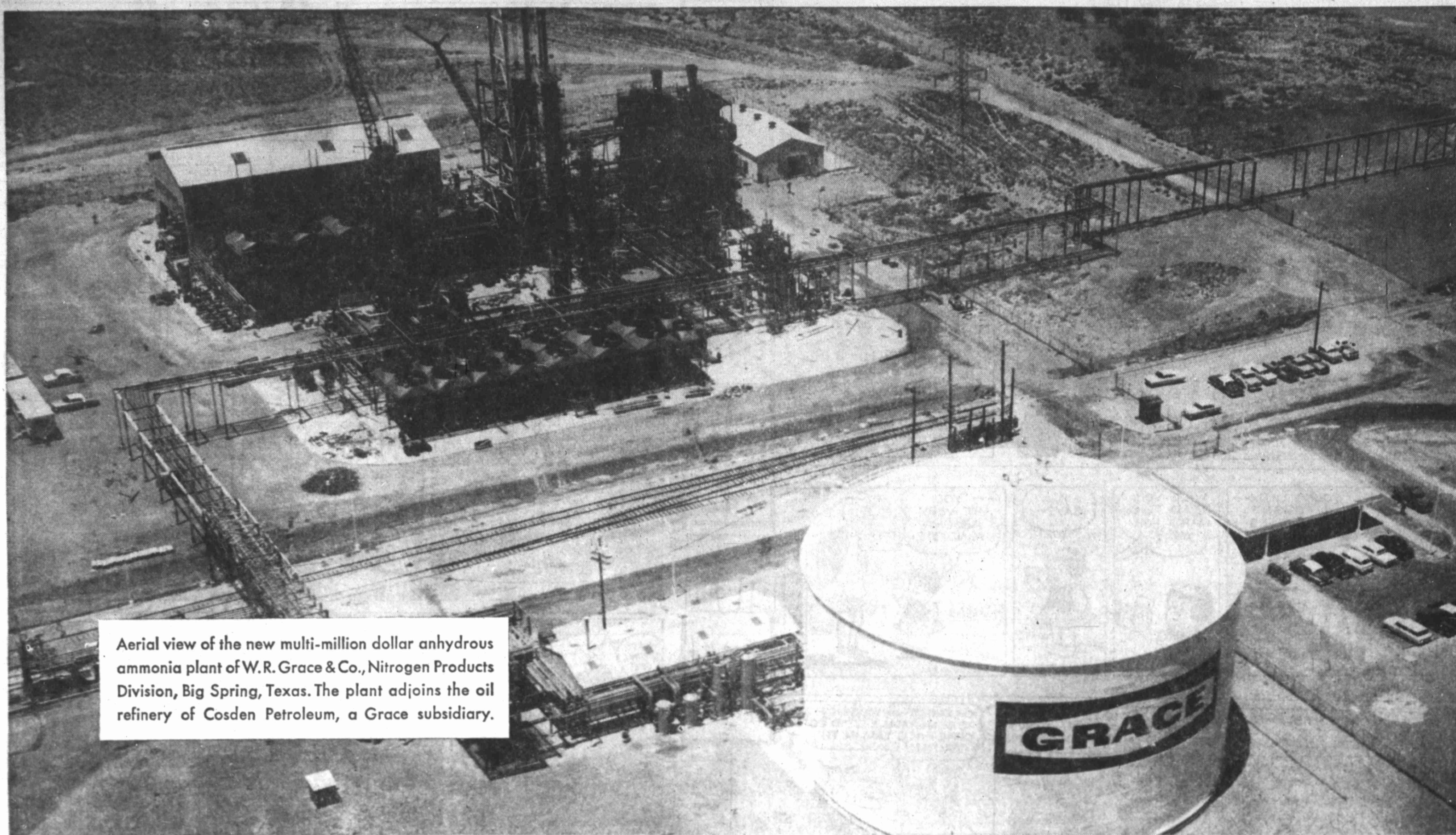
BUT MR. BAILEY, YOU'RE DOING IT FOR YOUR OLD COLLEGE!!!

MOON MULLINS

HOLD STILL-- I'M GONNA SHOW KAYO WHAT HE'LL GET IF HE DON'T STOP SKIPPIN' SCHOOL!

OH YEAH?

NO MORE HOOKY FOR ME-- I DON'T WANTA RUN OUTTA RELATIVES!



Aerial view of the new multi-million dollar anhydrous ammonia plant of W.R. Grace & Co., Nitrogen Products Division, Big Spring, Texas. The plant adjoins the oil refinery of Cosden Petroleum, a Grace subsidiary.

Now on Full Stream!

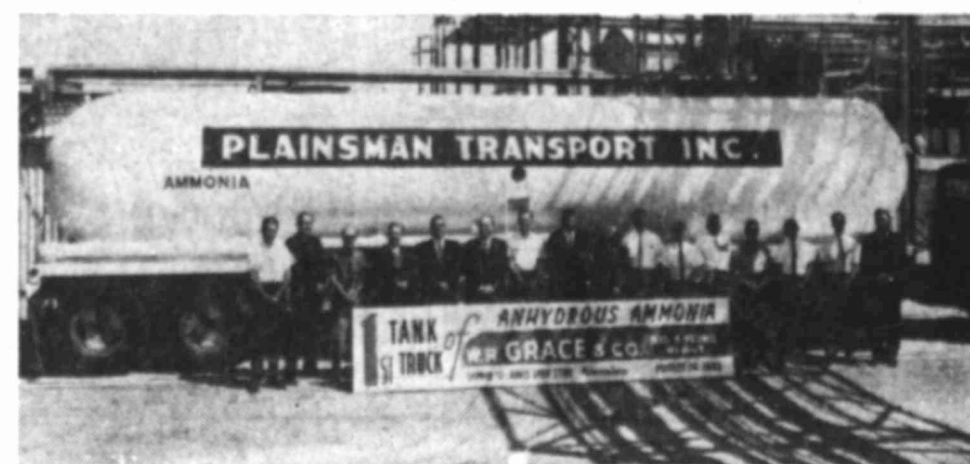
Grace's Big New Ammonia Plant Here Now Producing Almost 200 Tons Per Day to Enrich the Soil of the Dynamic Southwest

Now in full production, Grace's huge Big Spring ammonia plant is prepared to help meet the ever-increasing demand for this economical nitrogen fertilizer throughout the rapidly expanding agricultural areas of Texas and the Southwest.

The plant's strategic location permits fast shipments, by truck or rail, to Southwestern farmers who apply the ammonia to their soil in order to obtain greater yields and higher profits.

In establishing this plant in Big Spring, service to Southwestern agriculture is Grace's prime objective. Grace regards its role as requiring its best research and development talents to be expanded generously in the search for better products and better means of service for the economy of our great Southwest.

Grace salutes the Southwest and welcomes the opportunity to participate in its growth through our new anhydrous ammonia plant in Big Spring!



PLAINSMAN FERTILIZER COMPANY, Grace distributor in the Panhandle, received first truckload of ammonia from Grace's new plant for shipment to Jones Farm Store, Muleshoe, Texas.

Why Anhydrous Ammonia is Best Nitrogen Fertilizer for the Southwest

- Most concentrated of all nitrogen fertilizers—it's 82% nitrogen.
- Ammonia is applied to the root zone of growing plants where it does the most good.
- Immediately soluble and is leach-resistant. Held by the soil in an available form.
- Saves on freight costs, bagging costs; saves on labor of unloading, hauling, storage and applying in the soil.
- Costs less per pound of nitrogen than any other nitrogen fertilizer material.
- Easy to handle. Apply without lifting, tugging or lugging heavy sacks. Flows under its own pressure and is quickly and easily applied to the soil.
- Use as a preplant or side-dressing application in the spring and summer. Can be applied safely in fall and winter.
- Unlimited application. Whatever your crop is, anhydrous ammonia can supply the nitrogen to give you top yields at lowest cost.



W. R. GRACE & CO.

NITROGEN PRODUCTS DIVISION
HIGHWAY 80 EAST, BIG SPRING, TEXAS

GRACE IS A LEADING PRODUCER OF AMMONIA: Production of its Memphis and Big Spring installation alone total more than 240,000 tons a year, and Trinidad production is being stepped up to 235,000 tons a year.