

# Shellegraph

Houston Refinery

No. 15

Friday, April 16, 1971

## OLSON, MAGGIO ANNOUNCED WINNERS OF SHELL FOUNDATION SCHOLARSHIPS

Marilyn E. Olson, daughter of R. J. Olson, and John E. Maggio, son of V. A. Maggio, have been awarded Shell Merit Scholarships, J. G. Pratt, Refinery Manager, announced this week.



Pratt said the four-year scholarships are two of 50 being offered by the Shell Companies Foundation, Inc., in the third year of its program for children of Shell employees, pensioners, or deceased employees.

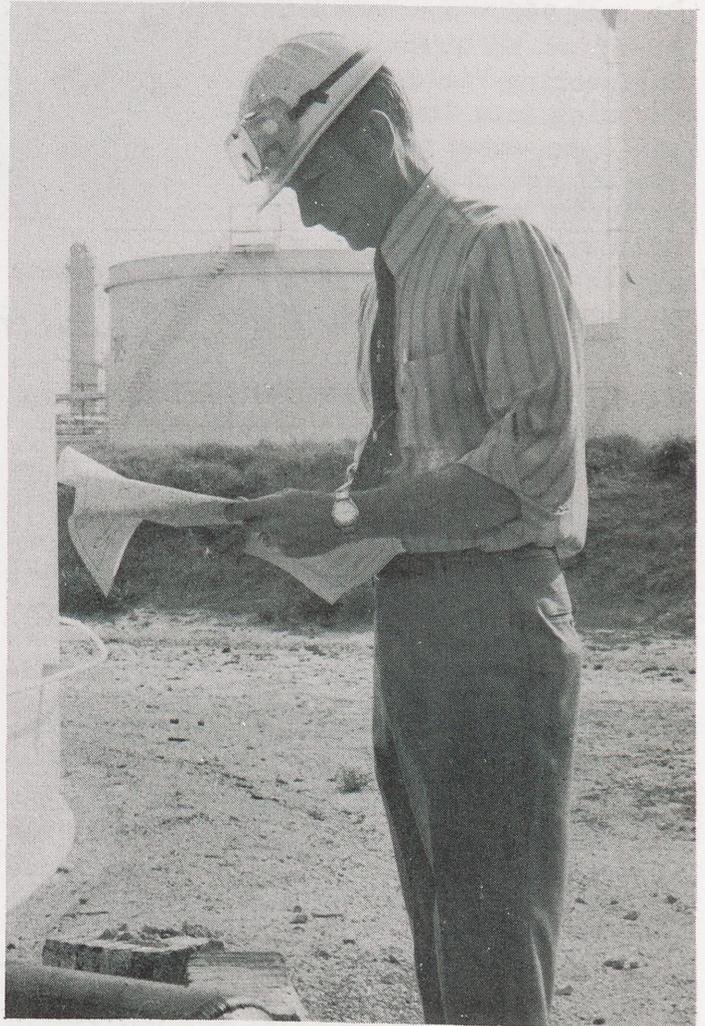
This program is one of 13 aid-to-education programs supported by the Shell Foundation.

Miss Olson and Maggio were selected by the National Merit Scholarship Corporation from about 700 Shell candidates on the basis of their performance on tests administered in 1970 and on their leadership and citizenship.

Each scholarship is a 4-year award of some \$500 to \$1500 a year. The National Merit (Continued On Page 2.)

## SHELLEGRAPH TAKES A WEEK OFF

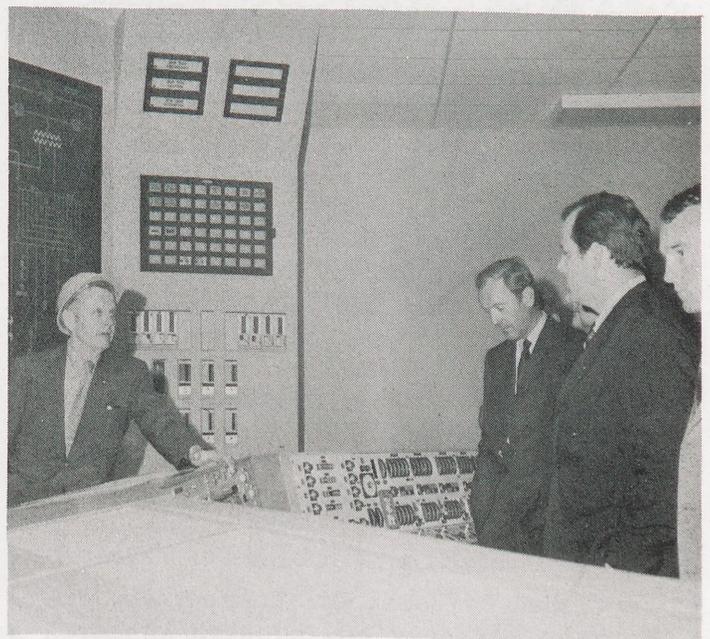
Since your Shellegraph editor will be on vacation next week, the next newspaper will be published Friday, April 30. All ads received after this week's deadline will appear in that paper.



Checking specs for tank repair is the latest Good Citizen, R. F. Bob Tucker. See story, Page 2.



R. J. O'Brien, General Manager, Refineries, introduces Baron Rijnhard van Lynden, The Netherlands Ambassador to the United States, to J. D. Ramsey, Refinery Superintendent,



as the ambassador's party disembarked at the docks to tour the Refinery. At right the group toured the Utilities Control Center control room.

**ISHAM ANNOUNCES NEW JOB DUTIES FOR D. E. JOHNSON. SR. ENGINEER**

D. E. Johnson, Engineer, Engineering Services, has been named a Senior Engineer, effective May 1. The move was announced by H. L. Isham, Chief Engineer.

Dale, who will receive a B.S. degree in mechanical engineering from the University of Houston in May, joined Shell as a General Helper in Engineering Field in August 1946. He progressed through different positions until becoming Welder #1 in 1952. He moved to staff as an Inspector in Engineering Field in 1954, becoming Area Inspector in 1957. He worked on a year's special assignment in Canada before returning to the Refinery in 1963. He was named an Engineer in Engineering Services in April 1968.



*4/14 Lantern Frank Houston*

**OLSON, MAGGIO HONORS LISTED-- (Continued from Page 1.)**

Scholarship Foundation administers the Shell program and selects the winners.

Marilyn Olson plans to major in history at Stanford University next fall. During her high school career she was chapter president of the National Forensic League, was student director of the South Houston forensic tournament, delegate to the Texas Nuclear Symposium, was a Girl Scout and a member of the Junior Engineering Technical Society.

She has received the NFL degree of distinction (double ruby), Woodman of the World American History award, academic excellence awards and was named to the National Honor Society.

John Maggio will major in physical science at Harvard University. A senior at Kinkaid school, John has been on the honor roll, on the Prep Bowl Team, in varsity cross-country and basketball, Computer Club, Chess Club and National Junior Honor Society. Among the honors he has received are the American Legion award, Best Chemistry Student award, most valuable track man, Houston Junior High numbers sense and speed reading championship, and sport car rally first place.

The Shell Companies Foundation receives funds for philanthropic purposes from the Shell Oil Company, Shell Chemical Company, Shell Development Company and Shell Pipe Line Corporation. Since the Foundation was established in 1953, it has made donations of more than \$18 million to education programs.

R. J. Olson is a Research Chemist, Research, and V. A. Maggio is a Staff Engineer, Hydroprocessing.

**SHELLEGRAPH**

Published by Shell Oil Company for its Houston Refinery and Houston Research employees at Deer Park, Texas.

Mrs. Josie Ochoa--Editor

**Dedicated Athletic Coach BOB TUCKER, SENIOR INSPECTOR, NAMED SHELL'S GOOD CITIZEN**

A man who has a great deal of respect for youngsters, is doing his part to help them learn discipline, teamwork and develop physical skills.

Involved in little league baseball, and Optimist football and basketball, Coach R. F. Bob Tucker has been selected as Shell's latest Good Citizen. A member of a state championship softball team himself when he was in high school, Tucker led his Optimist football team, the Travis Elementary School Rebels to the junior division championship last year. The team has won 28 straight games in the last few seasons.

"It gives me a great deal of personal satisfaction to work with 8-12 year olds because of their loyalty and devotion. Young boys of this age are so much more intelligent than people give them credit for. They are capable of running a complicated machine like football well," he said.

"I train them to run their own game. You treat them fairly and have fun with them. It is amazing how much loyalty they will have for you," he said.

Bob spends about 8 hours a week working with the different groups during their playing seasons.

His own son, Michael, 10, has played in the teams he has coached for the past few years.

A Korean War veteran, Tucker has also been a volunteer fireman with the Wooster Fire Department for the past 15 years. He served as president and chairman of the board for the past six years.

While working at the Refinery for 16 years, Bob has done inspection work for 14 years and is currently a Senior Inspector in Engineering Services. He is responsible for maintenance of the 700 tanks in service at the Refinery and oversees repair of tanks. He handles bids for new tankage.

His whole family, including wife, Lena, and daughters, Donna, Susie and Robin, is athletically oriented. Even, Lena, an Astro, Dallas Cowboy and Houston Oiler fan, was an all-state basketball player for two years while she was in high school in Louisiana.

During baseball season, the whole family goes to the practice sessions and games with Bob.

"We make it a family affair. My wife is probably the best scout we have for our little league team," he said.

Tucker, who has played ball all of his life and shoots in the 70's in golf, is awfully proud when one of his four children takes an interest in athletics. Young Michael is completely dedicated to any game that he played with a ball," he said. Youngest daughter, Robin, 12, participates in the junior olympics at school.

Besides taking the neighborhood kids to the park to practice in his sparetime, Bob also does some gardening at home. His wife is kidding, though, that she never sees him.

## EMERYVILLE RESEARCHERS DEVELOP 405 CATALYST FOR SPACE PROGRAM

Working under a government contract several years ago, a research team at Emeryville Research Center came up with a new catalyst that would instantly decompose hydrazine. This problem has been plaguing scientists for a decade or more. In 1967 a team from Emeryville received an award from the National Aeronautics and Space Administration for this work.

The gases from the decomposition provide thrust for attitude control and course correction for various space vehicles. The advantages of this method are, among others a savings of weight over a bi-propellant system, and since the decomposition is instantaneous, corrections can be made quicker than in previously used systems.

Unlike solid propellant systems, the Shell catalyst system can be turned on and off--up to a million times with pulses of 1/100 of a second to a minute. The catalyst has an indefinite storage life and an extremely long use life. In the TOPS program, for example, it will be used in space for over a decade. TOPS--an acronym for Thermoelectric Outer Planet Spacecraft will be a Grand Tour of the planets.

This product, called Shell<sup>R</sup> 405 catalyst, is manufactured in Emeryville's Development Services Department by a team of employees who provide day-to-day production, quality assurance, sales, distribution and technical service.

"Manufacture of the Shell 405 catalyst is under the strictest kind of quality control--from incoming raw materials to outgoing product," said the supervisor of the group. "Production is a very highly controlled art; and details of the production process are classified. Each shipment is carefully tested before it is shipped from Emeryville."

While the catalyst has been under development for several years, it was not, so far as is known, used in space programs until the launch of NASA's ATS (Applications Technology Satellite) vehicle, late in 1967, where it is used for orbital control.

Control engines, featuring the catalyst, are used on the Transtage of the Martin Marietta Titan IIIC, which was first launched in 1969. Six modules, each with two mono-propellant engines, are mounted on the transtage. They control the roll, pitch, yaw and velocity of the 1,600-pound vehicle in its 22,300-mile synchronous orbit around the Earth.

## MISSISSIPPI WELL SEALED

Shell Oil Company sealed its Cox #1 well near Piney Woods, Mississippi on March 17. Within a one hour and twenty minute period, a fleet of 27 cement mixing and pumping units pumped 3,688 barrels of cement down the relief well, Cox #4, through perforations at 10,550 feet into the casing of Cox #1.

A round-the-clock observation was to be maintained for several days and down hole measurements will be made to evaluate the operation.



**DAYLIGHT SAVINGS TIME BEGINS  
SUNDAY, APRIL 25 AT 2:00 A. M.  
SET YOUR CLOCKS AHEAD  
ONE HOUR**

## BOATING ENTHUSIASTS SHOULD WATCH DANGEROUS SPRING TIME WEATHER

Spring time in Texas can be a time of great enjoyment for boaters, but it can also bring some special dangers.

The most significant danger to Texas boaters is the unpredictable nature of spring weather.

Sudden storms, along with sudden changes in wind direction and speeds, are the order of the season...both create serious and potentially dangerous situations for the boater.

The best advice is to not venture out in a boat if rough weather has been forecast. But it is not always possible to have advance warning.

Many times a boatsman will set out with sunny skies and calm winds, only to find out two or three hours later that the weather has taken an unexpected turn for the worse. In cases like this, the only protection a boater has is knowledge of boating safety and the skill to put it to use. At the first sign of rough weather the experienced boater will head for shelter.

Here are some rules to remember when caught in unexpected rough weather:

1. Put life preservers on all passengers in the boat.
2. Head into the waves at a slight angle, and reduce speed.
3. Seat passengers in the bottom of the boat as close to the center line as possible.
4. Head for the nearest shore or protected area.
5. If the wind and waves are too high, or if your motor fails, trail a sea anchor from the bow to maintain a heading into the waves. A bucket, or weighted clothing, will serve as a sea anchor in an emergency.

The most important rule to remember, is to stay calm. Panic Can Kill In The Water.

There is no reason for any boating accident to occur. During the spring and early summer in Texas, boaters should keep an eye to the skies for any sudden changes in cloud formations. Be on the lookout for thunderheads and low, fast moving clouds. Be alert to any sudden shifts in wind direction and speed. Stay alert and follow the rules of boating safety. Make spring and summer a time of real enjoyment for water recreation.

## CLASSIFIEDS

FOR SALE

1963 Mercury Monterey custom 4 dr., power & air, radio & WSWT, excellent condition.  
Telephone: 472-3075

16 ft. fiberglass Sears boat, 45 hp. motor, trailer, back to back seats, radio, etc. \$1250.  
Telephone: 228-7740 after 5

16 ft. plywood boat, 40 hp Evinrude motor, small wheel tilt trailer. \$300.  
Telephone: 479-3355 after 5

'66 Corvette convertible, 327, hi-performance, 4-speed, good condition, \$1600.  
Telephone: 471-1618

Attic fan, horizontal, 43" square; 1/3 hp GE motor, grill, belt, fan painted blue. \$25.  
Telephone: 926-2252

21 fret, 4 pickup electric guitar & 8" amplifier. \$75.  
Telephone: 471-1618

1969 10' Alaskan camper, raises to camp, lowers to travel, bargain at \$1400.  
Telephone: 426-4314 or 455-1108

Large solid maple trestle dining table, 2 matching benches, custom made, 3 years old.  
Telephone: 946-2545 or GR 3-5292

Surfboard, 7'2" Jerry Lopez model, good condition, \$85.  
Telephone: 473-1922

1/2 ton 110 volt air conditioner, \$30, 1/2 ton IH 220 air conditioner, \$30, 6 ft. plywood racing hull, \$15.  
Telephone: MI 5-0448

3 piece maple bedroom suite, \$65.  
Telephone: 473-1922

1 1/2 ton Catalina air conditioner, 1 year old, \$100. GE electric range, \$40.  
Telephone: MO 5-7126

1-wheel trailer for custom design of camping or motorbike hauler. 2-inch channel iron chassis. Tows like a shadow. \$50.  
Telephone: 482-7154

Large 2 story elevated townhouse on Taylor Lake 2-2 1/2, complete kitchen, washer, dryer, fireplace, Kingston Harbor.  
Telephone: 1-877-1196

26" boys bicycle Sears 5 speed spider deluxe \$30. Also like new 14 hp Wizard outboard motor & tank, \$150.  
Telephone: 473-4854

42" round pedestal table with 4 captain chairs. Formica top & maple finish in Early American style. Excellent condition. \$75.  
Telephone: 485-4943 after 6

Like new 10x12 cottage tent, 3 cots, \$75 firm.  
Telephone: 452-4963

Homemade folding camping trailer and 5 gal. butane bottle and 2 burner gas hot plate.  
Telephone: 472-0391

1966 Olds 88 fully equipped, 1971 tags & inspection, clean. \$950.  
Telephone: 473-7821

Shetland pony.  
Telephone: 471-2467

1847 Rogers Bros. silverplate service for 12--96 pieces in good condition with chest. \$65.  
Telephone: 729-4022

Two 8 ft. long wooden columns, \$30. Wooden doors from \$1 up, hardwood floors, 3/4 linear foot, staircase (hardwood) \$50. Dining tables, \$5 up.  
Telephone: 472-8445

'67 Pontiac LeMans 326 V8, 48,000 miles, bucket seats, console with 3 speed standard transmission, air conditioned, power steering, radio, heater, perfect condition, \$1475.  
Telephone: 649-7433

Choice lot at Sea Isle overlooking Gulf 72x104'.  
Telephone: 481-3237

1966 Norton Atlas, 750 cc, very good condition.  
Telephone: 481-2773

PERSONAL

We wish to sincerely thank each of Dad's friends and former co-workers at the Refinery who so graciously extended sympathy and helpfulness in so many ways at his passing. Their kindness was most comforting in the loss of our loved one.

The family of Joe H. Hinton, Sr.

**ANNUAL REPORT COPIES AVAILABLE**

Copies of the Annual Report may be picked up in the Shellegraph office or in the Main Building lobby.

**MOTORCYCLISTS FORM CLUB, ELECT OFFICERS. INVITE EMPLOYEES**

Motorcycle enthusiasts at the Refinery and Chemical Plant met Saturday, April 3 to elect officers of their newly formed club.

Although the club still has no official name, officers were elected. They are Tommy Sewell, president; Bobby Porche, vice president; Riley Boren, secretary.

The group will meet again Saturday, April 17 at 10 a.m. behind the San Jacinto Monument for a business meeting and a motorcycle outing. Any employees who are motorcycle enthusiasts are invited to attend.