

Shellegraph

Houston Refinery

Vol. 37, No. 13

Thursday, March 30, 1972

THIRTEEN EMPLOYEES TRANSFER TO EPRC AS PART OF LAB CONSOLIDATION



Andre



Bishop



Devereaux



Hunsucker



Jobe



Lodge



Longman



Olson



Ostrander



Paulissen



Riggs



Schulte

To Head Office

SENIOR STAFF ECONOMICS SPECIALIST POST GOES TO MOSELY OF MTM LAB

R. B. Mosely, Manager Hydroprocesses Department, MTM Research Laboratory-Houston, will be transferred to Head Office Planning and Economics in the Energy Forecast/Forecasting Department, as a Senior Staff Economics Specialist.

The move, effective April 16, was announced by J. G. Pratt, Refinery Manager.

Bob obtained his B.S. in chemistry at the University of Chicago and his Ph.D. in organic chemistry at Massachusetts Institute of Technology in 1952. He has worked at the Emeryville Research Center and Houston Refinery. He was promoted to Supervisor in the Petroleum Chemistry Department at Emeryville in 1965 and moved to the MTM Research Lab here in 1968 as Chief Research Technologist. He became Manager, Hydroprocesses Department in 1969.



SHELL, AMOCO SIGN PACT WITH PERU TO EXPLORE NEAR AMAZON BASIN

Shell Oil Company and Amoco International Oil Company have signed a contract with Petroperu, the Peruvian government oil company, to explore for oil and gas on a 2.5 million-acre block in the Amazon Basin in northeastern Peru. Petroperu has reported two oil discoveries on their acreage 150 miles northwest of the Shell-Amoco block.

This is the third foreign venture Shell has undertaken in the past two years. The first was a joint venture with Shell Canada Limited (the operator) covering 72 million acres. The acreage is off the east and west coasts of Canada, on the St. Lawrence River and in the Northwest Territories. At present there is an active exploration program on most of the acreage.

(Continued on Page 4.)

Thirteen employees, most of them from the Instrument Development group, MTM Research Laboratory-Houston, are transferring to Shell Development's Exploration and Production Research Center. As part of the consolidation of Research Organization and Facilities, the employees will be assigned to the Exploratory Science, Applied Physics Department.

Included in the move are M. L. Andre, J. L. Bishop, J. R. Devereaux, P. D. Hunsucker, J. D. Jobe, W. H. Lodge, R. T. Longman, R. J. Olson, G. E. Ostrander, G. T. Paulissen, W. A. Riggs, T. O. Schulte, and J. W. Stallings.



Stallings



R. W. Moser, Lube Oils, was presented an antique clock at retirement festivities by R. A. McCafferty

DEADLINES NEARING FOR LICENSES, INSPECTION, ETC., HOW ABOUT BOATS?

Some Texans have more to think about this month than auto licenses, inspections and income tax.

It's boat registration time, too.

And this year more Texans than ever before are affected by registration laws, since all motor-powered boats to be operated on public waters must be registered.

Formerly, certain types of small craft were exempt from registration even though equipped with motors.

Texas Parks and Wildlife Department officials urge boat owners to get their boats registered as soon as possible if they haven't already done so. The deadline is March 31.

Boat owners who are renewing their registrations are being issued permits of varying duration in order to create a "staggered" system of renewals in the future.

Applicants with original transactions, such as those with new boats, are not on the staggered system and will receive registration papers for a two-year period.

Applicants can expect to receive their registration papers and decals in two to two and a half weeks from the time of mailing, according to Clayton T. Garrison, department director of finance and data processing.

Department officials offer the following tips for getting boats registered with a minimum of effort:

- If you never registered the craft before, obtain application papers at a department district office or write to Austin headquarters. The district office can issue a temporary receipt when you pay the registration fee. Decals for your two-year permit will be sent to you by mail.
- If you want to renew a registration, you may have received a notice in the mail. If you did not, obtain one from district office

PENSIONERS, ARE YOU GETTING IT? LET SHELL NEWS KNOW IF YOU'RE NOT

Shell News, the company-wide magazine for all employees and pensioners, understandably gets lots of letters.

Most say nice things, but some don't.

These are primarily from employees and pensioners who say they really don't know what to think about the magazine because they never get it.

And, they ask why.

A simplified explanation is that some names were inadvertently dropped off the mailing list during the transition of Head Office from New York; or possibly because of a subsequent move by the employee or pensioner.

Either way, readers of the Shellegraph may be able to do themselves, their fellow employees or pensioners, and the staff of Shell News a favor. If you're not getting the magazine, or if you know of another employee or pensioner who isn't, drop a line to:

F. H. Roberts, Room 1536, One Shell Plaza, Houston, Texas 77001

or from Austin headquarters. Study the back of the form to determine the correct registration fee for your boat. Send the fee and application to Austin.

- Be sure your renewal form is a 1972 form.
- Try to get the application in by March 31, the deadline for registrations of all boats which were currently registered as of December 31, 1971.

Officials remind boat owners that the staggered renewal system creates a varied fee schedule, and most fees have increased as well. So be sure of the correct amount before sending your payment with the application form.

Another reminder is to those whose boats did not have to be registered under the old system but now have to be registered. You should submit your application as soon as possible, since your craft was technically in violation of the law if it was not registered by Jan. 1.

The decals which are to be placed on the boat are color-coded to indicate when the registration is to expire. Red decals indicate expiration in 1972, blue decals 1973, and yellow in 1974.

In addition, the month and year of expiration are printed on the face of each of the Texas shaped decals.

JA COMPANIES TO SELL EVERYTHING FROM PILLOWS TO CANDLE HOLDERS

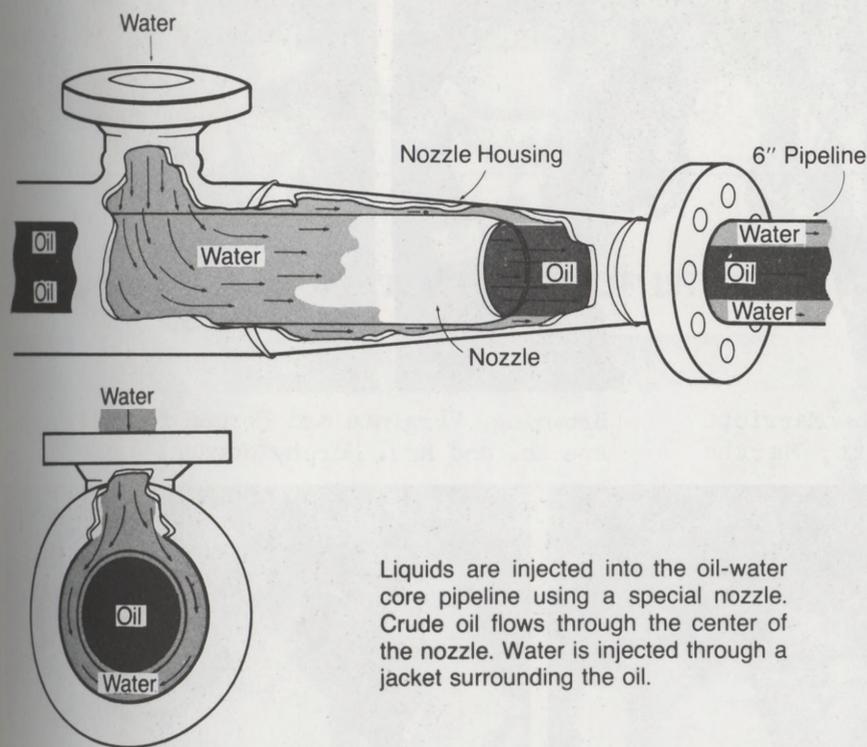
See junior salesmen in action.

The Shell-sponsored Junior Achievement companies will be on hand at the Refinery and Chemical Plant, Monday, April 3.

The groups will be stationed outside the clock alley from 2 to 5 p.m. at each plant, selling trunk lid chains, paper flowers, pillows, candles and candle holders, leather goods and jar openers.

COMPANY DEVELOPS OIL-WATER CORE TO TRANSPORT VISCOUS CRUDE BY PIPE

Shell's Oil-Water Core Nozzle



Liquids are injected into the oil-water core pipeline using a special nozzle. Crude oil flows through the center of the nozzle. Water is injected through a jacket surrounding the oil.

Shell Oil Company has developed a unique method of moving highly viscous crude oil through unheated pipelines. The system, called oil-water core flow, could be a significant factor in reducing high costs and technical problems long associated with transporting viscous crude by conventional methods. With the development of oil-water core flow, it is now possible for oil companies to operate oil fields that were formerly uneconomical to develop. In the past, heavy crudes were moved from these fields by heated pipelines or tank trucks--both expensive

methods of transportation. Shell's oil-water core flow is a method of transporting a stream of oil inside a jacket of water. Because the oil core is completely surrounded by water, the oil does not come into direct contact with the pipeline. This reduces frictional drag that impedes the flow of heavy crudes through conventional pipelines. This oil-water core flow system has been in operation in a 24-mile long pipeline near Bakersfield, California, since early last year. The line runs from the Midway-Sunset produc-

tion area, 45 miles southwest of Bakersfield, to Shell's Ten Section dehydration plant. It's start-up culminated several years of study by researchers at the Shell Pipe Line Corporation's Research and Development Laboratory in Houston.

The heart of the core flow system is a single pumping station at the originating point of the pipeline. Here the liquids are injected into the line using a specially designed nozzle. Oil flows through the center of the nozzle with water being injected through a jacket surrounding the oil.

As a result of the nozzle design, the oil and water enter the line at approximately the same velocities and at the desired configuration. The oil core remains stable as long as the flow rate in the line maintains a minimum velocity of three feet per second. Under present operations, the flow rate consists of 70% oil and 30% water.

After injection into the line, the oil core and water jacket are piped to the dehydration plant at Ten Section. At the plant, the heavy crude is combined with a lighter crude oil. The resulting mixture flows into a 40,000 barrel separation tank where the water, which served as a jacket, settles out.

OIL DROPS... PENSIONERS COMPLETE PHOTO-NAME CONTEST; HUGGER WINS \$5

Completing the contest, pensioners, R. L. Dillard, V. C. Mayberry, and J. H. Weiding correctly identified at least 20 of the employees in the 1938 engineering department picture. Mayberry listed 77 of the 105.

Following is a partial listing of the men in the picture. We still have a few names missing because some memories were short on a few names and faces. The photo was published two weeks ago.

- Top row, 1-r, #2 Drinkwater, Toffier, Warren, Staton, Wacey, Polka, Mantooth, Sutter, Hollingsworth, Orr, Ferris, Darnell, Clark, Smith, Pulliam, Riggs, Hill.
- Second row, Thorn, McDonald, Baker, Wilson, Ross, Rodden, Carricoe, Bruce, Englishby, Boyd, Fowler.
- Third row, Powell, Scotty, Konzen, Stonequist, Weidig, Neel, Dungen, Clark, Tilton, Jones, Mayberry, Norton, Sherrill, Graves, Bailey.
- Fourth row, Butler, Gindratt, Kerley, Richardson, Warrner, Billingsley, Morel, Daigle, Hopkins, Farringen, Dillard, Hartsfield, Billingsley, Moulder, Raines.
- Fifth row, Alderman, Binning, Cox, Brannon, Deal,

- Reed, Roach, Reynolds, DeWalt, Crenshaw, Roberts, Adams, Hobbs, Davis, Miller, LaGrue, Stillinger, Sixth row, Sager, Cole, Butler, Jerden, Hallam, Blum, Hensley, Walker, McCollum, Weaver, Sessions, Thornton, Touchstone, Dunham, Deschamp, Rushing, Miller, and Merritt.

"Big Mike had big muscles galore;
'Get help' was advice he foreswore.
One day he was bending--
You know the sad ending
Next time Mike will 'get help' before."
That's the limerick that helped Bodin Hugger, Computer Control Applications, win \$5 in the National Safety Council's monthly contest.

The first four lines are provided in the safety calenders put out by the Council each year. A new limerick is printed on each month and the contestants must give a fifth line. Nationwide, a \$100, \$50, \$25 and 30-\$5 prizes are given each month.

TREASURY DEPARTMENT EMPLOYEES HONORED AT SAFETY DINNER FRIDAY



At the Treasury dinner party at the Marriott were Mr. and Mrs. Jerry Elliott, Martha



Browning, Virginia and Herman Dodson. Right are Mr. and Mrs. Murphy Jordan.



Among guests were Margie and Harold Samford, Mr. and Mrs. Clark Callihan. Wives attend-



ing included Mrs. Jan Huett, Mrs. Joy Hopkins and Mrs. Judy Walker.

CLASSIFIEDS

FOR SALE

42" attic fan, \$25.
Telephone: 473-2170

1970 MGB, 17,000 miles, AM, AC, 4-speed, wire wheels.
Telephone: 729-4022

1971 18' Sidewinder Berkley Jet-455 cu. in. Olds engine, big wheel McLain trailer, hydraulic brakes, epoxy coated. Sacrifice.
Telephone: 479-1941

17 ft. Whirlpool refrigerator with ice maker, harvest gold, \$250. Spanish dinette with 4 swivel chairs and two bar stools to match, \$175. All eight months old.
Telephone: 471-2678

Townhouse-Leewood, Alief schools, 2-2½-2, complete electric kitchen, drapes, central heat-air, all carpet, assume GI loan, \$21,500, low equity and monthly note.
Telephone: 498-4922 or 721-2729

WANT TO BUY

Baby's bassinet.
Telephone: 466-6096

SHELLEGRAPH

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

Mrs. Josie Ochoa--Editor

SHELL, AMOCO SIGN PACT-- (Continued from Page 1.)

The second venture was with Continental Oil Company and Ecopetrol on 1.3 million acres in Colombia. Shell and Continental (the operator) each have 25 percent interest. Ecopetrol is Columbia's national oil company. Exploration is proceeding with second test being drilled.

Under the 35-year agreement with Peru, Shell and Amoco (the operator) will explore for seven years. During the first four years, the companies are obligated to complete four wildcat wells, conduct a photo-geologic study of the contract area and make sufficient seismic studies for selection of initial well sites.

Shell and Amoco will jointly bear the entire cost of exploring, developing and producing the Peruvian properties. For this they will receive free of taxes, a maximum of one-half of the oil produced.

Vice President G. A. Burton, who manages International Ventures, signed the agreement in Peru.

MIDDLE OF LINE TIRES INTRODUCED IN 8 SIZES AT SERVICE STATIONS

Shell's newest quality tire line, the Belted 78, has made its appearance at Shell service stations.

Regarded as a middle-of-the-line series, Shell Belted 78 tires come in eight sizes with dual white stripes. They have two full plies of polyester cord and two rayon cord belts.

Shell's Belted 78 tires also feature a concave mold for less heat build-up; a laminated inner liner for better air retention and anti-noise design for a quiet ride.