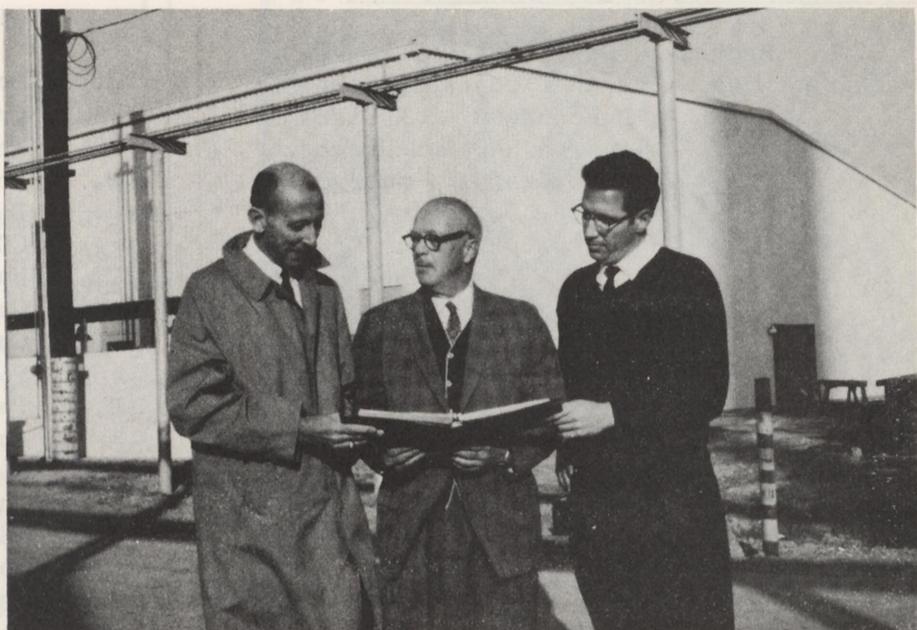


With space available to grow to several times its present size, the new Houston Research Experimental Plant Center already covers 5 thousand square feet and is "within two weeks or so of completion," according to Project Engineer Charlie Budd. He's pictured here near the southwest corner of the two-story structure with Research Director Bill Bailey (center) and Coley Williams, Supervisor of the Research Engineering Design and Construction Group, coordinator for the project.



Special features of the building include a "removable" wall which will permit future planned expansion to the south (paralleling the Central Shops and Center Street), air conditioned work spaces for operation of pilot plant control panels, and several "super-safe" office spaces complete with knock-out panels, and even a fireman's pole.

According to Coley, the building will initially house 5 new hydrocracking plants, another from Arnex A and later 2 new units which will be brought in from Wood River. "It will initially be the jobsite for ten or so Researchers in E. O. Kindschy's Heavy Oil Processing Group. "But I won't be around to see it in operation," Coley explains, referring to his transfer to Head Office Manufacturing Research next Monday.

# SHELLEGRAPH



HOUSTON  
REFINERY



No. 218

Friday, January 6, 1967

## TUNE YOUR TV IN ON SUNDAY!

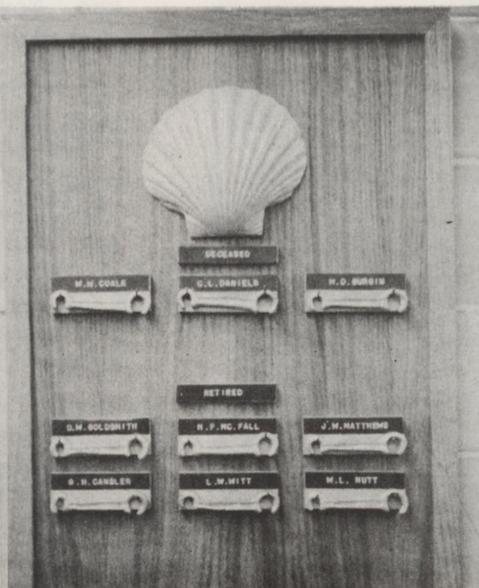
This Sunday, January 8, on Channel 2 at 2 p.m., refiners may watch the first match of "Shell's Wonderful World of Golf." Featuring Australia's Bruce Devlin and Tommy Jacobs at the Golf Club of Rome, Rome, Italy, the match promises to be a real adventure in golfing.

## CRACKING DEPARTMENT HONOR ROLLS PERPETUATE A "GONE BUT NOT FORGOTTEN" REFINERY TRADITION

Refiners who become "old hands" in the Thermal Cracking or Cat. Cracking departments can be assured of one thing, they'll never be forgotten. Aside from the friends they leave behind, their name lives on as an addition to unique honor rolls as shown here.

Naturally, the Thermal Cracking list (left) is much longer because it started in 1929. The employee's name and service dates are shown under a miniature silver hard hat molded from wax. As you might expect, there is a bottle of gold paint on hand to be used as a second coat when the "old hand" dies. These gold hats, which appear somewhat darker in the picture, honor J. Gannon, H. Baker, J. O. Banta, G. Pulmon, F. A. Lagana, J. L. Burch, H. L. Tidwell, A. J. King, M. W. Hendrix, and J. B. May.

The Cat. Cracker board carries a miniature valve wrench for each of its retired hands and shows the three who have died since the unit came on stream in 1946 under a separate marker. They are W. W. Coale, C. L. Daniels, and M. D. Burgin.



There's one special case SHELLEGRAPH readers may recall which involved W. L. "Papa" Nutt, who retired earlier this year. If you look closely, you can see Papa's name on both rolls since he was a long-time "cracker" at both places.

OPERATOR NO. 1 LEROY HARTLEY MOVES TO HOUSTON RESEARCH AS LABORATORY ASSISTANT

W. L. Hartley, Operator No. 1, Cat. Cracking, has accepted an assignment as Laboratory Assistant in the Houston Research Laboratory, according to L. J. Lambin, Manager Catalytic Cracking. The move will take place as soon as a replacement can be trained.



Leroy was a 2nd Lt. during World War II and served as a Fighter Pilot and flew a P-47 from 1942 to 1946. He joined Shell here in 1948 as a General Helper and later that year went into operations in the Gas Department. In 1952 he moved to the Cat. Cracking Department where he became an Operator No. 1 in 1955.

Born in Buffalo, Texas, he attended Drake University in Des Moines, Iowa, and John Tarleton Agricultural College at Stephenville, Texas. He and his wife, Joyce, have a daughter, Madelyn. They live in Houston.

**PERSONNEL CHANGES**

- J. Morgan - From General Hlpr. #1, Engineering Field, to Fireman, Thermal Cracking
- W. E. Bryan - From Operator #1, Distilling to Operator #1, CC Gas
- T. P. Hopkins - From Operator #1, Gas, to Operator #1, CC Gas
- S. I. Catoe - From Typist to Steno, P&IR
- P. V. Peurifoy - From Res. Chemist to Sr. Res. Chemist, Research
- J. L. Sullivan - From Lab. Technician to Research Technician, Research
- R. M. Addison - From Lab. Assistant to Lab. Technician, Research
- E. M. Ratley - From Lab. Assistant to Lab. Technician, Research
- J. M. Spruill - From Lab. Assistant to Lab. Technician, Research
- E. N. Doiron - From Lab. Assistant to Lab. Technician, Research
- R. L. Goodmark - From Research Engineer, Research to Engineer, Technological

"EXCEPTIONAL JOB"  
SAYS REFINERY SUPERINTENDENT O'BRIEN

Refiners instrumental in minimizing and repairing the damage following a flash fire Monday on the crude pre-heat furnace outlet line at Dubbs No. 9, were highly commended by Refinery Superintendent R. J. O'Brien. "The operating personnel on shift did an exceptionally fine job in containing and extinguishing the fire; and the Engineering Field, Engineering Services, and Thermal Cracking people must have broken some kind of a record in getting the units back on stream in just 32 hours." Dubbs No. 9 cracking came back up on Tuesday as did the alky heat medium furnace, and Dubbs No. 9 distilling was operating early on the graveyard shift Wednesday morning.

CENTRAL GULF GATHERING SYSTEM NOW ON STREAM

Shell's newest Gulf of Mexico facility-- the Central Gulf Gathering System -- is now in operation.

Providing more economical crude oil movement, the 44-mile, 12-inch line links Shell producing platforms in the Eugene Island and South Marsh Island areas, off Louisiana, to two terminal platforms at Block 188 and 175 fields. From there oil is barged to Shell's Gibson Terminal in southern Louisiana.

The new system has eliminated the necessity of barging of oil from production facilities near the wells. The line is scheduled for connection sometime next year to a proposed line that will connect the Central Gulf Gathering System to the Gibson Terminal.

The new gathering line is the third to go into operation in the Gulf in two years. The 40-mile Shell Pipe Line Marlin System, built in 1965, serves offshore production in the West Delta area and moves crude to the Norco Refinery. Shell Pipe Line also operates the 10-mile Bay Marchand line.

NEW EMPLOYEES - WELCOME!



LA VAUGHN  
FILLMAN  
Lab. Assistant  
Research



JEANETTE  
GRAY  
Jr. File Clerk  
Treasury

POP GOES THE SPARE...AND THAT'S GOOD?

The tire industry, which marches ahead hand-in-hand with the oil industry, has come up with a new innovation which holds great promise for motoring convenience. Some 1967 cars have it now. It's a de-flated spare tire -- one that folds into the wheel rim when there's no air in it. It takes up about half the storage space of an inflated tire and if you get a flat, an accessory bottle of gas "pops" the spare into use.



**THERE'S STILL TIME** - Your SHELLEGRAPH still plans to publish pictures of Shell-sons who are outstanding football players. To honor your son, send a photo (in football gear if possible) and a few facts about him (name, age, school, football experience, and honors won, etc...) to the SHELLEGRAPH office before January 15. Pictures and information may be forwarded to Room 139, Administration Building, Houston Refinery.

**THE CANDLE'S NOT OUT YET** - and may never be for that matter. Remember test candles

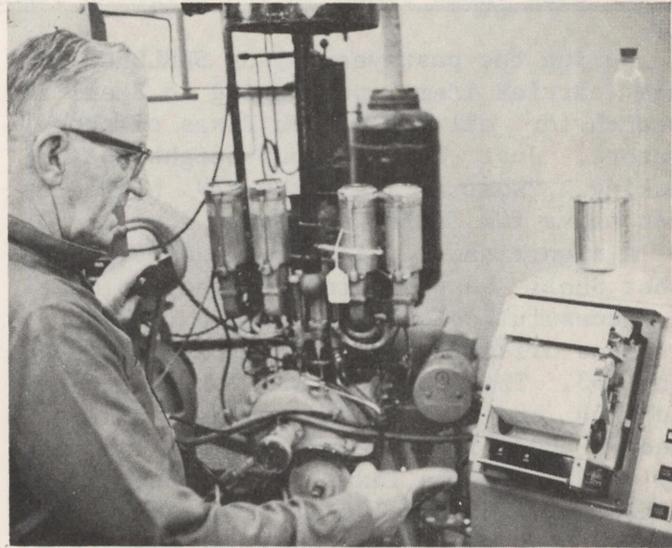


which led up to the United Fund symbol made by refiners for the Houston - Harris County drive? One of them at least lives on, and served as the master candle for Christmas Candlelight Services at the Community Church in La Porte on Christmas Eve. All the necessary arrangements were made by Engineering Foreman PETE GILLIAM shown here as he placed the candle on the altar of the church following some finishing touches he'd made. Pete said he had to "install a special wick, and just for good measure, added a metallic gold finish." How long will the candle last? "I figure forever," Pete says.

**WHY ALL THE EXCITEMENT?** - "Shell's Wonderful World of Golf" is not only the most exciting and outstanding television golf series but there is also a great deal of "behind the scenes" interest. Your SHELLEGRAPH will pass these tid-bits on to refiners during the run of the TV series which begins this Sunday.

For example, (A) the crew was comprised of 44 technicians and an administrative staff, and 21 wooden packing crates were required to hold the 4-1/2 tons of equipment. All travel was via regularly-scheduled flights on DC-8's or 707's as nothing smaller could carry the load in one hop, and (B) equipment which had to be rented at each location included a helicopter for aerial views; several four-wheel-drive vehicles for hauling equipment and scenery around the course; and a wide variety of office equipment. In addition, two buses and four sedans were needed to transport the crew to the course.

## REFINERY PEOPLE IN ACTION



**THIS ENGINE NOT ONLY KNOCKS** - it spins its wheels. Refinery Lab Special Tester W. M. "Pappy" Liggin is shown here making a test run on a Research Octane Unit in the Knock Test Lab. He's pointing to the engine controller which automatically adjusts the fuel to air ratio and the compression ratio depending upon the particular octane blend of gasoline being fed to the engine. Results of these octane tests are then printed out by the controller. This unit is one of the primary controls for the blending of Shell's motor gasolines and helps to insure quality product Shell customers have learned to expect.

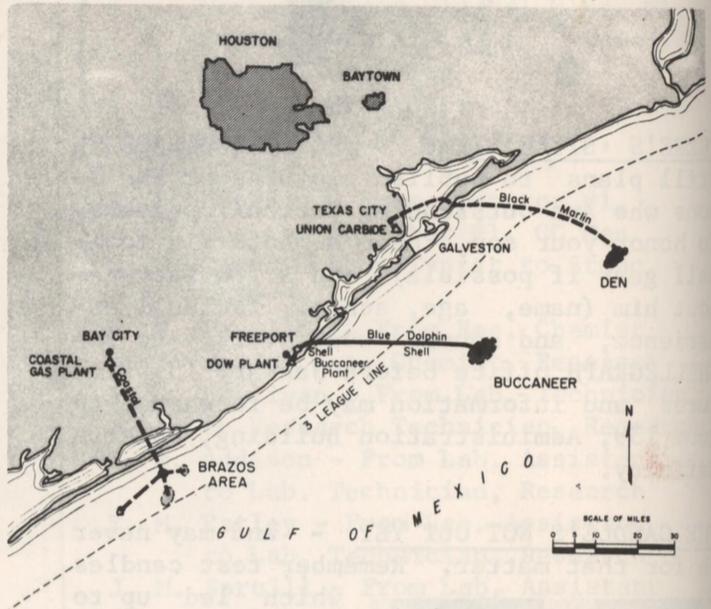
**FUN AND FAREWELL HANDSHAKES** - for Bob Eveld. Bound for New York and the Products Application Department, Bob was given an official sendoff at a shrimp dinner in the cafeteria last week. He's shown here on the left with Chief Technologist Mel Renquist and Assistant Cat. Cracking Manager Al Garner. Refinery Lab Manager Birdie Fogleman was in charge of the presentation of gifts which included a desk set and an attache case. Bob and his wife Joyce are in New York this week house hunting while his mother is babysitting with their 4 children.



WHERE DOES SHELL STAND IN THE OFFSHORE TEXAS OIL AND GAS BUSINESS? HERE'S THE ANSWER

During the past year, your SHELEGRAPH has carried items pertaining to Shell's search for oil and gas in Texas offshore waters. Just in case your neighbors are asking, "What it's all about?" here's a map and a few facts in capsule form.

A significant point to remember is that Shell was the first Company to make a successful commercial venture in hydrocarbons offshore Texas in Federal waters in 1963. This project was put on stream in 1966 and culminated about a 15 year and a \$60 million search for oil and gas by Shell off the Texas coast. Buccaneer Field now delivers 175 million cubic feet of gas per day to Dow Chemical Company's two chemical plants near Freeport, Texas. The gas is moved to shore by the Blue Dolphin Pipe Line Company (a wholly owned Shell subsidiary) to Shell's Buccaneer Gas Plant at Surfside, and from there on to Dow's plants. The field also produces about 6,000 barrels of condensate per day.



Den was the second Shell gas discovery offshore Texas, and is located in Federal waters off Galveston County. The Den Field is jointly owned by Shell and the Phillips Petroleum Company and began moving gas to shore last year. Shell's share of the field, about 55 million cubic feet of gas per day, is being sold to Union Carbide for use in its Texas City Plant. This gas moves onshore through the Black Marlin pipeline (an independent pipeline and not owned by Shell).

The latest Shell gas find is in State waters offshore Matagorda County and is called the Brazos Area State Leases. Over 100 million cubic feet of gas per day will be produced in this area and sold to the Coastal States Company. Coastal will transport the gas from offshore through its pipeline to Bay City where Coastal's plant is located.

Discovery and development of these fields (a significant step in making Texas offshore hydrocarbons commercially feasible) illustrate the perseverance and hard work which make Shell employees among the finest in the petroleum industry in exploration and production as well as in refining operations.

**CLASSIFIEDS**

FOUND

Set of GM car keys with license #NVT-973.  
Lucky Bag Room 139, Administration Bldg.



FOR SALE

Piano, reconditioned - excellent condition.  
\$125.00, includes bench.  
Telephone - HO-6-6096

Registered male Dachshund (brown). Papers furnished. 4 years old.  
\$25.00 (or will trade for miniature poodle pup).  
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One upright Grulbransen piano and bench.  
Mahogany, perfect condition.  
\$200.00  
Telephone - UN-4-8315

26" Girl's bike with brand new tires -  
\$15.00  
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35,000 BTU double wall furnace. Tempco complete with thermostat, ready to install.  
\$40.00  
Telephone - GL-3-7439

1962 Chevrolet Stepside 1/2 Ton Pickup. 6 cylinder, radio, heater, side tire mount.  
Telephone - WA-6-4900 after 4 p.m.