THE SHELL REVIEW

Volume 19—No. 9 WOOD RIVER, ILLINOIS September, 1956

Industry Presents Report to People

October 14-20 Is Oil Progress Week

Months of planning, preparation and hard work come of age October 14-20, when the men and women of the oil industry stage their ninth annual Oil Progress Week. During the week, oil industry employees help win greater public support for the industry by telling their friends and neighbors how oil contributes to the enrichment of their lives by providing better products and better services at reasonable rates.

"This should be our biggest year," announced H. B. Miller, Executive Director of the Oil Industry Information Committee of the American Petroleum Institute.

Oil Progress Week is sponsored by the OIIC, an organization of more than 30,000 volunteer oil men and women sponsored by the API.

"During the week-long observance, they will tell the story of freedom, and individual initiative, and the role of the oil industry in the growth and development of modern America," said Miller.

Report to the People

In keeping with tradition, the "Report to the People" will be made in a variety of ways. In speeches and radio-TV broadcasts, in rallies and parades, contests and advertisements at luncheons, dinners and other gatherings, in schools and clubs, at "open houses", in refineries, service stations and other oil installations.

Motion picture showings and other special events have been planned too. Public attention will be focused on Oil Progress Week, what it means and what it hopes to accomplish.

New Film Released

A highlight of the 1956 observance will be the public release of the OIIC's new motion picture, "Destination Earth". In the film, an animated, color cartoon lasting 13½ minutes, the story is told of a Martian who visits the United States and discovers "secrets" about oil and freedom.

Slide Film to Help Tell Of Red Feather Work

An eight-minute, sound slide film, "Look Down Any Street", will be used by the Greater Alton Community Chest Drive in an effort to help tell the Red Feather story to all, according to Chairman Dudley Giberson.

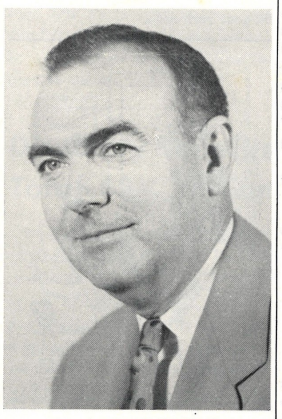
This is the first venture of its kind, and Giberson expects the film to do yeoman work as the Chest pushes toward its '56 goal starting October 9.

It was Training Supervisor C. A. (Cliff) Davidson who took over duties as executive producer of the film.

Active in recent years in Community Chest and Red Cross work, Cliff recently was named vice chairman of Division Six in the drive. He, along with Giberson and Joe Russo, were the technical brains in the production of the film, which took place in St. Louis.

A board of critics helped select appropriate pictures to be used as slides, but the big job was done by the aforementioned three.

Many civic leaders feel if the Chest drive goes over the top in 1956, much of the success will be due to "Look Down Any Street" and the message it gets across to Mr. and Mrs. Joe Citizen.



C. A. DAVIDSON

Mr. Dale Greets Railroad Committee



REFINERY MANAGER H. D. DALE welcomes members of the Fuels and Lubricants Committee of the Association of American Railroads to Wood River in the Main Office conference room. The day-long tour of the Refinery was part of the Committee's two-day meeting held in St. Louis and was designed to give members a better understanding of how the oil industry strives to give railroads top quality products. (See story on page 2)

Community Chest to Hold Annual Drive for Funds

The Refinery's annual Community Chest Drive will be held concurrently with the Greater Alton 1956 campaign for funds, October 9 through October 31. Chief Engineer C. C. Wuth has been named plant drive chairman and will be assisted by W. G. Eddleman.

A steering committee will be selected shortly to assist Wuth and Eddleman in coordinating the drive within the refinery.

Goal Is $25,451

Community Chest officials have requested refinery employees to contribute $25,451, an increase of more than $2,600 over the 1955 goal.

All Shell employees will be solicited by plant representatives for contributions. Wuth said the goal of the refinery is 100 per cent participation by employees. Figured on a strictly "per person" basis, the average contribution—if the plant is to reach its goal—would be $.67 per agency per person. There will be Chest representatives in every department throughout the plant.

The Community Chest quota for the greater Alton area is 257,343 a 12.6 per cent increase over the 1955 campaign goal, which was $228,000.

10 Agencies Supported

All money donated goes to the Chest fund for distribution among the 10 Red Feather agencies who carry on humanitarian work every day of the year. Those agencies include: Boy Scouts of America, Girl Scouts, Catholic Charities, Family Service and Visiting Nurses Association, Hillcrest House, Illinois Children's Home and Aid Society, Salvation Army, Wood River Recreation Committee, Young Men's Christian Association and the Young Women's Christian Association.

One central board with representatives from the 10 agencies makes it possible for the Chest to centrally finance the agencies, and to provide economy and efficiency of operation.



C. C. WUTH

The 1955 Refinery drive netted $9,178, one of the finest contribution efforts by plant employees in the history of the Community Chest drives. Wuth expressed hope that this figure could be surpassed if the employees really strive for 100 per cent participation.

With the Red Cross Bloodmobile in Roxana next week, and the Chest drive starting the following week, Refinery employees have an opportunity to demonstrate real community spirit. They'll also be trying to set two new records in the respective drives.

Still Time to Fill Out Donor Cards

Bloodmobile Here Next Week for Two-Day Stop

The Red Cross Bloodmobile's coming and if you're one of the few who hasn't filled out a pledge card, there's still time to do so. Just dial 342 on the plant phone and talk to Drive Chairman John Larson, or go directly to the Personnel and Industrial Relations office and fill out a donor card.

Shift-workers can contact the nurse on duty at Hospital No. 1 after 4 p.m. and before 8 a.m.

The Bloodmobile will be at the Roxana Community Center for two days, October 2 and 3, to receive donations from Shell employees. Any employee wishing to donate blood will be excused from work, without any loss in pay, either of the two days.

Stored in St. Louis

Remember, all blood donated in the Alton-Wood River-Roxana area is available to residents free of charge when the need arises. All donations are stored at the St. Louis Blood Bank, but are available to everyone even though no member of a needy family has contributed.

In some areas, for one member of a family to receive blood free of charge, another member of that family must have contributed. Not so in the Alton-Wood River-Roxana area. As long as the community has reached or passed the goal set by the Red Cross, this service is free to all residents.

A record 216 pints of blood was donated in April when the Bloodmobile made a one-day stop. With next week's visit being a two-day affair, Larson looks for at least 100 per cent increase in donations.

April Donors Eligible

Employees who contributed when the Red Cross made its last visit here in April, are eligible to give again since only a 10-week minimum time period must elapse before a donor is eligible to donate again.

The combination of improved facilities and additional nurses on duty is expected to help process all donors in record time and with a minimum of confusion.

Transportation to and from the Community Center will be provided by means of a bus shuttle system, running from the main gate.

This stop will be the last of the Bloodmobile's twice a year visits. Beginning with the next calendar year, the Red Cross will stop just once each year in the respective communities.

Railroad Committee Visits Wood River Installations

The Association of American Railroads' Committee on Fuels and Lubricants visited the Refinery, September 6, in an effort to get an even better understanding of what Shell in particular, and the oil industry in general, does toward producing the finest products possible for use on the nation's railroads.

Shell was honored to have the committee accept an invitation to visit the plant and to see first hand the different phases required in the production and testing of fuels and lubricants.

The 26-man committee, representing most of the country's top railroads, makes a continuing study of the ways and means high quality fuels and lubricants are put on the market. The committee was holding a two-day meeting in St. Louis and spent one of those two days touring the plant.

Railroad Buyers

To more fully understand the importance and magnitude of the committee, it should be realized that all the members are buyers for railroads. Three or four of the railroads each purchase about 20 million gallons of diesel fuel per month, and most all of the class one railroads each buy at least seven million gallons monthly.

All railroads represented on the committee purchase close to 3¼ billion gallons of diesel fuel yearly from American oil concerns. So it behooves members to acquire much all-around knowledge about the oil industry. They are in constant touch with the industry in all phases of operation, particularly the buying and future outlook of diesel fuel phases.

Dale Welcomes Members

Refinery Manager H. D. Dale welcomed the committee in the Main Office conference room after their arrival from St. Louis. Mr. Dale spoke to the committee on the subject, "A Glimpse Into the Future of the Petroleum Industry". They watched a film, "Refining Oil for Energy", and were introduced to the Wood River Refinery by Training Supervisor C. A. Davidson.

After lunch, they took a guided tour of the plant and then held discussions in the conference room on such topics as diesel lubricating oils, car oils and economy diesel fuels.

The day-long tour concluded with a visit to the Research Laboratory and a look into the technical aspects of how Shell tests the quality of products produced here.

Committee Members

The following are committee members and the railroad each represents: E. M. Cottrell, Louisville and Nashville; G. N. Hoefler, New York, Chicago and St. Louis; M. Schaefer, New York Central; H. W. Berg, Chicago, Rock Island and Pacific; C. M. Kelley, New York, New Haven and Hartford; J. Dawson, Canadian National; W. T. Lambert, Southern Pacific; W. G. Mateer, Elgin, Joliet and Eastern; W. M. Hughes, Baltimore and Ohio; H. A. Christ, Wabash; G. E. Hargraves, Pennsylvania; R. F. Ganz, Delware, Lackawanna and Western; R. J. Burns, Illinois Central; F. A. Leeker, Florida East Coast.

W. H. Weymouth, Atcheson, Topeka and Sante Fe; V. E. McCoy, Chicago, Milwaukee, St. Paul and Pacific; A. J. Anderson, Denver and Rio Grande Western; G. M. de Lambert, Northern Pacific; A. N. Laret, Frisco; W. J. Sullivan, Illinois Terminal; W. Mueth, Missouri, Kansas and Texas; and K. L. Brenner, Wabash.

Accompany the committee were the following Shell representatives: W. B. Garthley, Manager Railroad Sales; L. L. Butcher, Manager Mid-West Railroad Sales; C. Spruill, Manager East Coast Railroad Sales; George Stetson, Manager PAD; R. A. Burdett, Chief Research Physicist; C. A. Davidson, Training Supervisor; Dr. L. S. Echols, Chief Research Engineer; H. W. McCulloch, PAD; L. Wendt, PAD; and A. Thack.

A Pause at Research



SOME COMMITTEE MEMBERS of the Association of American Railroads group stop in the Research Laboratory for a brief glimpse of testing equipment. While on their plant tour, the Committee split into four groups when touring the Research Lab facilities. The Committee's membership was comprised of representatives from most of the country's largest railroads.

THE SHELL REVIEW

Published monthly for the employees of the Shell Oil Company, Wood River Refinery.

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"Could I please have a week off to recover from my vacation?"

New Car Shrinker Devised to Prevent Cargo From Moving

A "car shrinker" that sneaks up behind shifting cargo in box cars and holds it in place to prevent damage is being tested on trains running between Houston and Chicago.

The device was invented by Glen L. Wilkes, of Shell Chemical Corporation.

It consists of a pair of movable plywood bulkheads, each fitted with a system of rods and ratchets. One bulkhead is set at each end of the car. If the cargo shifts, the bulkhead follows and is locked in place by the ratchets. No matter which way the cargo moves, a bulkhead closes in and holds it.

Wilkes invented the car shrinker to prevent damage to cargoes of the firm's Epon resins shipped in paper bags. Shifting loads resulted in broken bags and loss of the resins.

New York Heliport



NEW YORK CITY'S first commercial heliport went into operation in September with Shell Oil Company supplying aviation products under a five-year contract with the Port of New York Authority. Photo shows location of heliport in relation to nearby buildings. Tall structure in the background is the Empire State Building.

Shell Supplies Heliport Fuels

Shell Oil Company has signed a five-year contract with the Port of New York Authority to supply aviation products at the first commercial heliport to be built in New York City.

The heliport, which was dedicated this month, is located on the edge of the Hudson River at the foot of West Thirtieth Street. It was built by the Port Authority at a cost of $320,000.

Shell will supply two grades of fuel at the heliport, which will be fuel at the heliport ,which will be used by private helicopter operators, the Port Authority itself and New York Airways, the nation's first helicopter passenger carrier.

The heliport is built on an inshore strip running 400 feet along the river shore and extending 70 feet inland. Two landing pads, each 6,400 square feet in area, extend 40 feet over the Hudson. Between the pads is a 7,000-square-foot area which will provide helicopter mooring space.

No Injury!



PROTECTION A' PLENTY was afforded Wilbur Bird last month by his safety shoes, and this shoe in particular. Wilbur was mowing his lawn with a power mower when he caught his foot underneath the mower blades. The pencil shows the length of the rip in the shoe and in the metal plate. One blade was broken, another was bent, but the safety shoes prevented serious injury to Bird's foot. They're valuable at home, too.

Shell Club to Hold 1st Autumn Dance

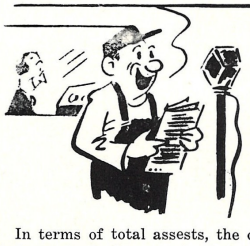
The Shell Club's first autumn dance will be held Saturday night, October 20, at 9 o'clock at the Veterans of Foreign Wars Club in Wood River, according to president Hubert Hayes. Attendance at the dance is limited to 125 couples and tickets are being received on a first-come, first-serve basis.

Tickets are available through any Shell Club officer, Hayes, Phil Leininger, Jack Creekmore or Harold Dolan. Donations are $1 and all proceeds will be used to obtain additional entertainment.

The music of Al Rezabek and his orchestra will be featured. The program is scheduled to last until 1 a.m.

Due to the success of the Club's spring dance, the autumn dance has been inaugurated with the hope of it being an annual affair.

DID YOU KNOW?



In terms of total assests, the oil industry is the largest of all manufacturing industries, and is second only to the food and beverage industry in terms of total sales.

* * *

There is a service station for every 322 automobiles, trucks and busses in the United States.

* * *

Three hundred gallons of jet fuel are required to taxi a current jet bomber from the warmup ramp to the end of the runway for takeoff, usually a distance of about one and one-half miles.

* * *

Some 45,000 Oklahomans are directly engaged in the production of oil and natural gas, and many thousands more are employed indirectly as a result of oil and gas production.

Education Day Is October 11

This year, schools go to industry on the annual Business-Industry-Education Day when school teachers from the Alton-Wood River area tour various industries in the nearby communities.

Shell's Refinery will be one of the industries to be visited on B-I-E Day, October 11. Nearly 75 teachers will take a guided tour of the refinery and its installations, including the Research Laboratory.

This will be the fifth visit of education to industry. One clergy visit to industry also was held earlier. Every other year, educational leaders go to industry, and on alternating years, industrial leaders go to the schools, each getting a more clear picture of how the other operates.

The education visit to the industrial concerns also gives the school leaders an opportunity to note the type surroundings and the type work the graduates will be working around and with when they choose their industrial career.

A network of 190,000 miles of petroleum pipe line criss-crosses 44 states and the District of Columbis. Pipe lines are the third largest ton-mile movers of all forms of commodity transport.

Introducing . . .

Janet Barnett



MISS JANET BARNETT . . . lovely P & I R clerk who has been with Shell for four months . . . She was born in Alton, and lives with her parents, Mr. and Mrs. Virgil Barnett, at 217 McCasland in East Alton now . . . Janet's hobby is music and she likes swimming, dancing, roller skating and movies almost as well . . . Her secret ambition is to get married and move way out West in a few years . . . Janet's engaged and her fiance has just returned from two years active duty with the Navy . . .

More Accurate Than Car Fleets

Research's Engine Lab Testing Gasoline, Oils

Experimental gasoline and motor oils for cars not yet on the road are being tested in a research unit at Wood River's Research Laboratory.

Director of Research R. J. Greenshields said the facility is the first that can give "road test" results on gasoline and motor oil faster and more accurately than fleets of test cars driven on roads. He said the new unit contributed important research leading to the Company's new Super Shell gasoline.

Tests results from the new research unit are more accurate than those from conventional road tests, Greenshields said, because varying traffic conditions and driver techniques keep the performance of cars in a given fleet from being strictly comparable.

12 New Engines

The chief test equipment is a bank of 12 new automobile engines with high compression cylinder heads. Pre-set instruments make the engines start, accelerate, idle, stop and run at normal cruising speed. Automatic recorders give instant, accurate reports on gasoline, motor oil and engine performance.

Engines are driven under actual weather conditions, and not under constant controlled temperatures, as is the case in some experiments. The "12 engine" lab is roofed and has sides, but the actual temperature outside is the temperature inside. The lab started operation in February, 1955.

Start in Winter

Since that time, two sets of engines have been tested and the results compiled. The laboratory always starts its tests on engines in the winter because cold weather provides the most severe test of motor oil performance in metropolitan stop and go driving.

The engines run the equivalent of 20,000 miles, then are completely rebuilt or junked. Shut down periods occur frequently, just as in the operation of any automobile under normal conditions.

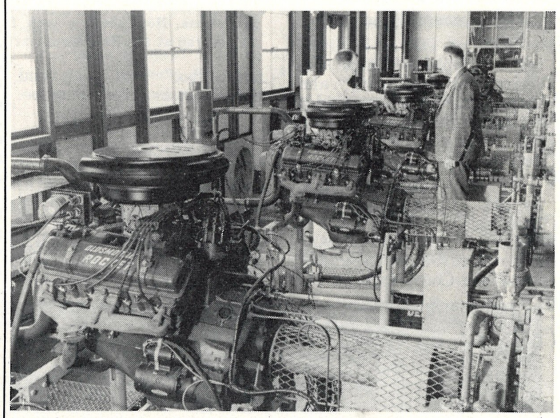
The first two series of tests have been mainly concerned with stop and go driving. The new tests, starting this winter, will deal with high speed, over-the-road driving.

High Compression Engines

Engine types are changed periodically to permit tests of fuels designed for the high compression engines of the future. The research unit has been using experimental engines with 10-1 compression ratio heads.

The control equipment includes four electronic units, each running three engines on a predetermined test cycle. Performance is indicated on 12 instrument panels. Malfunctioning, such as plug fouling or preignition is spotted during eye stress operation under observation of test engineers.

Although primarily designed for research, the lab has been used in comparing Shell gasolines with competitive products.



THE 12-ENGINE LAB is used for testing experimental gasoline and oil for cars yet to come. Two Shell employees inspect a carburetor on one engine in a section of the laboratory. There are six engines on each side. They run for 20,000 miles, then are completely rebuilt. Designed for research, the lab can be used to compare Shell gasolines and oils with products of competitors.

Offshore Drilling Rig Joins Others in Gulf Operations

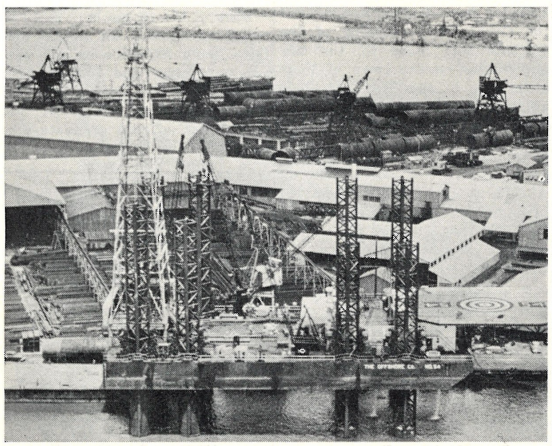
A new offshore drilling giant, capable of working in more than 80 feet of water, went into operation for Shell Oil Company in the New Orleans Area during July.

The mobile rig, owned and operated by the Offshore Company of Baton Rouge, La., has been floated to Block 188 in the Gulf of Mexico to begin drilling operations.

All of the rig's machinery and equipment, as well as a 6,400-square-foot helicopter landing pad, are located on a barge measuring 200 feet by 104 feet. The rig's derrick can drill three wells without moving the barge from location.

When the rig arrives at a drilling location, eight towers, or "legs," are lowered by hydraulic jacks to the ocean floor to provide a firm footing. Then the same jacks hoist the barge to a safe distance above the wave action. The rig was designed to withstand hurricane winds.

Known as Offshore Rig No. 54, the new rig joins several other offshore drilling units working for Shell in the Gulf. One of them, "Mr. Gus," set a record for distance from shore when it was moved to a site 63 miles off the Texas Coast. Two other mobile rigs under Shell contract in the Gulf are "Mr. Charlie" and the "John Hayward."



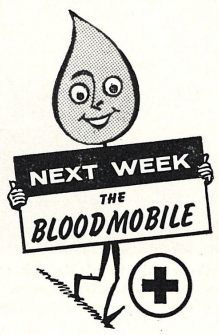
OFFSHORE COMPANY'S NEW mobile drilling rig No. 54 is shown before being floated to Block 188 in the Gulf of Mexico where it is now under contract to Shell. The rig is capable of working in more than 80 feet of water and was designed to withstand hurricane winds.

Jet-Prop Airliner Uses Shell Gasoline In Debut in USA

Shell supplied fuel for the Bristol Britannia when the British jet-prop airliner made its debut in the United States recently. The Britannia used Shell 640 Kersosene, the same as that supplied by Shell to Capital Airlines' Viscounts, the first turboprop planes to go into service on the route of a U. S. carrier.

The airplane, which flies at speeds up to 400 m.p.h., landed at New York's Idlewild Airport August 13 on the first leg of a demonstration tour of a dozen United States and Canadian cities. Shell supplied the 103-passenger plane with about 7,000 gallons of fuel at each stop-over point.

The Britannia flew non-stop from New York to San Diego. It then went on to Burbank, Los Angeles, Vancouver, San Francisco, Denver, Chicago, Miami, Washington, D. C., and Ottawa and Montreal, Canada. Bristol Aerolane Company, Limited, of Bristol, England, manufactues the new airliner.



Air-Conditioned Central Shops Bldg. Under Construction at Norco Refinery

Construction of a 47,500-square foot central shops building, which will provide space for most of the crafts as well as engineering field offices and a small first aid hospital, is underway at Norco Refinery.

The building, scheduled for completion at the end of 1957, will bring under one roof craft shops which are presently located in several small structures. Cost of the new facility will be more than $1,000,000.

Designed to permit future expansion, the shops building will have a structural steel framework, faced with insulated transite on the upper levels and brick on the lower levels. It will be air-conditioned throughout.

Material handling facilities will include underslung cranes capable of handling loads up to five tons, monorail systems and jib cranes for loads of one or two tons.

Both are Enjoying Life of Retirement

Coylers Start on Same Day; Retire On Same Day-Just 14 Years Apart

Father, Son Story Never Equalled

Infrequent are the times a father and son work for the same company long enough for each to retire. Here at Wood River its happened only once since the Refinery started operation.

That's quite a story in itself, but it seems like an everyday occurence when compared to the once-in-a-lifetime happening supplied by A. R. (Sparky) Colyar and his son, Leo M. Colyar, the refinery's only retired father-son combination.

Uuduplicated Here

They are just two of Shell's countless pensioners, but their almost unbelievable accomplishment is unduplicated here in that both started working with Shell on the same day, May 7, 1923 and both retired from active service on June 1, just 14 years apart.

Sparky, an 18-year employee at Wood River, celebrated his 81st birthday on September 21. He retired in 1941 at the age of 64. Leo, an only son, ended his career in 1955 and had been with Shell for 32 years.

Retirement Program

"Young" Colyar is a living example of how the retirement program and Provident Fund provides retired employees with twilight life security and independence.

He and his wife, Amy, bought 40 acres of timberland near Hillett, built a five-room home on the land and already have a California-West Coast trip in the planning stages. In addition to 16 acres of tilled land, Leo has an orchard, a graden and eventually plans to buy and raise some livestock. As he planned for retirement, so does he now plan for his life of rest.

"I was able to raise my three children properly. I enjoyed my work at Shell and I'm enjoying my retirement too," said Leo, and his wife was quick to agree.



IT WAS A HOT DAY, but it didn't stop Sparky Colyar from taking a walk to his favorite Shell service station on Highway 111 in Roxana. How about a tank full of Shell Premium? Okay, and I'll see you at the Barbecue next year.

Work in Utilities

A shiftworker for practically all his 32 years, Leo had a long record of faithful service in the Utilities Department. He started as a laborer, went to Boilerhouse No. 1 in 1923 and four years later he was shift foreman, the position he held until his retirement.

His promotion to shift foreman took place on—that's right—June 1, 1927. That's been the lucky day for the Colyar family.

Leo was a Roxana resident for the majority of his life. He was a member of the Shell Service Club and has been a trustee of the Roxana Nazarene Church since it was organized.

Main Office Custodian

Sparky spent most of his 18 years with Shell as Main Office custodian. He's widely known by most old-timers and has been a regular attendant at the annual Barbecues, missing only one since their inception.

He has lived with his 88-year old sister, Rose Rhoads, in Roxana since retirement. He used to raise rabbits and do some gardening, but he's not quite as active now.

Takes Daily Walk

Sparky still takes a daily walk to his favorite Shell service station on Highway 111 in Roxana. He may have slowed up a little bit, but wait until next summer at Barbecue time. He's only missed one and Sparky doesn't want to make it two.

He is a native of Litchfield, moved to Oklahoma, back to Litchfield to do some farming before settling with Shell and Roxana.

That's the unequalled story of the Colyars, Sparky and Leo. A father and son who started to work for Shell on the same day and retired from Shell on the same day, 14 years apart.

That's definitely uncommon, in fact ,it could be a once-in-a-lifetime feat.



FATHER AND SON stop in front of Sparky's sister's house in Roxana. Leo, left, makes frequent trips to Roxana from his 40-acre farm home near Hillett to visit his dad. The two got together for a picture on one of Leo's trips in, two weeks ago.



JUST TAKING IT EASY on the lawn in front of their home on the outskirts of Hettick are Leo and Amy Colyar. "I enjoyed my work at Shell and I'm enjoying my retirement too," says Leo. A spring trip to California has been planned and upon return, the Colyars may buy and raise some livestock.

Under Shell Merit Fellowships

High School Teachers Return To Classes After Seminars

Sixty high school science and mathematics teachers who spent six weeks of their summer vacations in college under the Shell Merit Fellowship Program, have returned to their own classrooms with new inspiration and knowledge.

Half of the teachers attended the seminars at Stanford University at Palo Alto, California, and half at Cornell University at Ithaca, New York. They came from 40 states, Canada, Hawaii, Puerto Rico and the Canal Zone. Selection of the teachers was made by the two universities on the basis of their experience in the field and their known leadership ability.

Same Schedules

Approximately the same schedules were offered at the two schools, with both programs designed to bring the teachers up to date on scientific progress, new methods of teaching and uses of science in the modern industrial world.

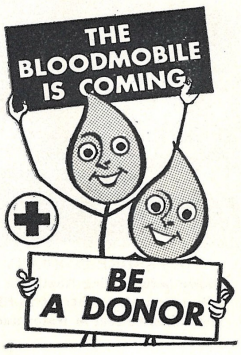
Courses were given by distinguished educators, industrialists and research men in education and in physics, chemistry and mathematics. Field work included weekly tours of nearby factories. In addition, each Fellow pursued an individual project.

18 Hour Day

To accomplish all of the work that was set out for them, it was not uncommon for the day of a teacher to stretch over 18 hours or more. A good deal of information and opinion exchanging on matters pertaining to education took place during meal times, between classes and in their rooms where long hours were spent doing homework.

Shell inaugurated the Merit Fellowship Program to help offset the decreased teaching of science at high school level. The Shell Companies Foundation, Incorporated, underwrote the program.

Each of the 60 teachers received travel allowances, all tuition and fees, living expenses on the university campus and $500 in cash to make up for the loss of potential summer earnings. Both of the universities offered graduate credit for the work.



Shop No. 2 Gives Craftsmen a New Home

Modern Tools, Equipment Are Included in Structure

★ ★ ★ ★ ★

Wood River Refinery's expansion and improvement program has taken another step forward with the completion and occupancy of Shops No. 2.

The modern "home for craftsmen", east of Shops No. 1 and north of the Stores warehouse, provides a permanent habitat for nine crafts (blacksmiths, carpenters, insulators, laborers, leadburners, painters, pipefitters and plumbers).

The new shops replace older, less efficient facilities which were scattered throughout the refinery. Occupancy of the shops was completed in mid-July and, along with Shops No. 1, provides centralization of location for most of the Refinery's crafts near the Engineering Field Office No. 2.

Space Is Increased

Space facilities for the respective crafts have increased an average of 50 percent. There are other outstanding advantages in addition to the space criteria, all of which tend to increase maintenance efficiency.

Some of these advantages are better coordination between the various crafts and a smoother work flow. Another advantage which can't be overlooked is the consolidation of crafts closer to the warehouse, where the flow of material runs smoother.

Moving from the abstract to things concrete, the uniformly even floor throughout the sprawling building is definitely an attractive feature.

Vacuum System Helps

An up-to-date, underground vacuum system for removing dust, smoke,welding fumes and sawdust from the air inside the shop is another outstanding feature.

Improved lighting, ventilation for summer and insulation protection are additional desireable characteristics incorporated in the building.

A south to north tour of the building might be the best way to point out all the modernistic features of the shop. The presence of modern tools and equipment is evident when first walking into the south portion of the building.

Flexible Crane Operation

Electrically operated doors and an increased, flexible overhead crane system make moving material to and fro little more than a breeze for the skilled craftsmen. The cranes operate on tracks and can switch from track to track. Jib cranes also are numerous.

Three new pipe cutting and threading machines are a part of the south end, occupied by the pipefitters. Numerous semi-automatic welding positioners also are in this south portion. The positioners hold and rotate pipe being welded so the best possible weld can be secured.

Storage Space Available

Proceeding north, we come into a semi-open storage area, which is between the south and north ends of the shop. This area has a protective roof, but no walls on the east and west sides. It contains a stress relief furnace (4' x 7' x 22') with automatic controls, a pipe bending rack and a pipe storage area. Due west of this area is an outside storage area. fully asphalted, where a backlog of job materials can be stored if necessary.

The northernmost part houses all crafts as mentioned above, except the pipefitters. Carpenters have sufficient space with modern power saws and drills ,in addition to the underground vacuum system.

Masons, laborers, leadburners, blacksmiths, insulators and plumbers all have separate centers of operation in the north end. Two washrooms are located conveniently in each end of the building.

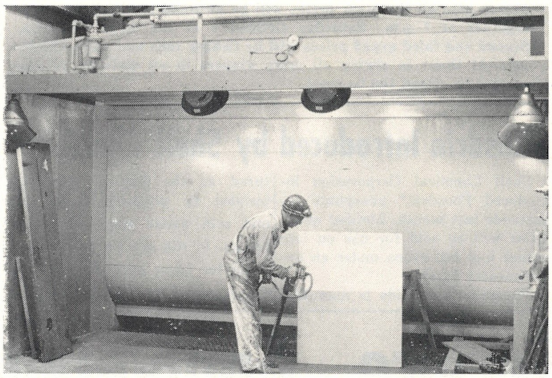
A Painter's Dream

The painters' paint spray booth, easily accessible, is in the extreme northeast portion of the structure. The booth is large enough for required paint jobs and operates on the principle of keeping fumes inside the booth via air currents, so the paint can be caught in a water spray at the back of the booth.

The craftsmen in Shops No. 2 are making a large contribution toward keeping maintenance efficiency at peak performance. With the increasing production of refinery units in the past few years, the need for stepped-up activities in maintaining these units was evident.

The building and occupancy of Shops No. 1 and No. 2 has helped satisfy this need.

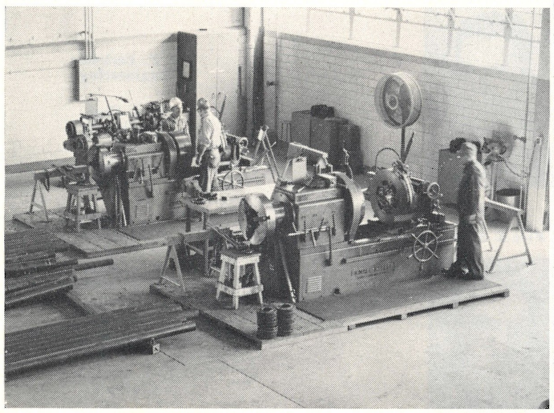
All the abstract and concrete advantages present in these shops, in an area close to supply and administration, has provided an ease of effort and has increased maintenance efficiency—which is the ultimate goal.



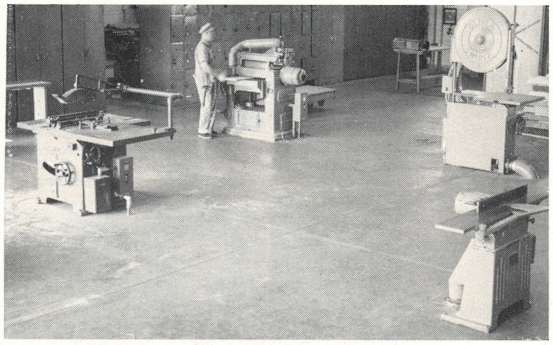
PUTTING THE FINISHING touches on a paint job in the new paint spray booth in Shops No. 2 is Lewis Dillow. The new booth can accommodate all jobs required. It operates on a water spray, wind current theory that keeps fumes in the back of the booth where they are harmlessly drawn out of the shop area.



ANOTHER HOME FOR CRAFTSMEN. That's Shops No. 2, located north of Stores warehouse and east of Shops No. 1. With construction and occupancy completed, it gives additional space and modern facilities to nine crafts.



THESE ARE THE TWO new pipecutting and threading machines in the pipefitter area in the southeast part of the new shops. Workmen ready the machines for some pipe cutting jobs. The two new machines are just two of the new, modern features of the new "home for craftsmen".



THE CARPENTERS HAVE plenty of space in their portion of the new shops. This is just half of their entire working area. Increased space is a big advantage in the shop area. Each of the crafts working in the big structure has a central base of operations, thus preventing a duplication of effort and providing for an ease of operations.

Directors Announce Shell Stock Dividend

Shell Oil Company Directors has declared a dividend in stock in addition to the regular quarterly cash dividend of fifty cents (50c) a share.

The stock dividend is to be at the rate of 1 share for each 10 shares outstanding, being 10 per cent stock distribution.

Both the regular quarterly cash dividend and the stock dividend was payable to shareholders of record September 6, 1956, the cash dividend was payable on September 21, 1956, and the stock dividend being payable October 16, 1956.

The Company stated the stock dividend is in recognition of the continued reinvestment of a substantial portion of the Company's earnings in its program of expansion and development and reflects the increased value of shareholders' equity over the past few years.

Shell's Large Gas Contract

Shell Oil Company has recently begun selling gas from a number of its Louisiana offshore fields to Tennessee Gas Transmission Company for use in the eastern market.

Between 40 to 50 million cubic feet a day are supplied from South Pass Blocks 24, 27 and Dixon Bay; Main Pass Blocks 35 and 69, and Halter Island. Shell spent approximately 2 million dollars for gathering lines and delivery equipment. Tennessee Gas laid its new Muskrat lateral line to the mouth of the Mississippi River where deliveries are made in the Tennessee system.

The Tennessee transaction ranks as one of Shell's largest gas contracts.

Mr. Burns Named Red Cross Chrm.

H. S. M. Burns, President of Shell Oil Company, has accepted an appointment as national chairman of the American Red Cross' annual drive for members and funds starting in March 1957.

Red Cross officials made the announcement of the appointment at their annual convention.

Burns served as chairman of the greater New York campaign in 1956. He is expected to name 50 national vice chairmen who will assist him in organizing the drive in 3,700 Red Cross chapters throughout the United States.

SRA Annual Contest 'Like Fishing for Gold'

"Like Fishing for Gold". That's what fishermen are doing when they enter the SRA sponsored fishing contest. If you want some of that gold, in the form of grand prizes, better get busy because there's just four days left to hook a winner.

In addition to grand prizes in three divisions, including the Johnson outboard motors pictured at right, fishing rods and reels, third session prizes in the bass, crappie and bluegill divisions are still up for grabs. That's the word from Chairman Al Doerr.

The third session prizes include a life preserver for boating and water skiing enthusiasts, and fishing tackle for second and third spots.

These Are the Best

Right now, here's what you have to beat for the grand prize in the three divisions: bass, 6 pounds, 8 ounces, caught by Dave Patton; crappie, 1 pound, 14¾ ounces, caught by John Kozak; and bluegill, 12 ounces, caught by Ed Snajdr.

Of course, that's for first place There's plenty of chance to land a runnerup prize, and you might get lucky and win one of those motors. There are still openings in two divisions, the bass and crappie, for any size fish.

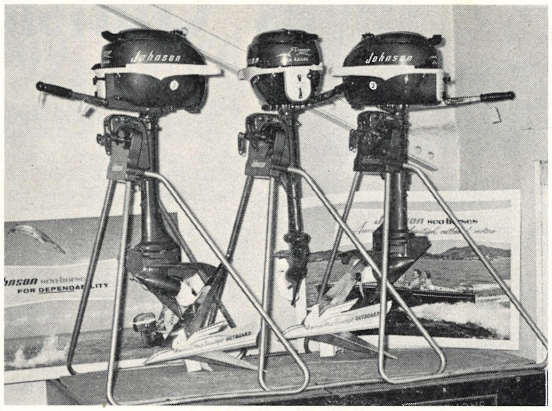
End September 30

The fishing contest closes at midnight, September 30 and the annual awards night will be held the following Saturday, October 6, in the Main Cafeteria. All winners in all divisions are requested to attend the awards night.

Better hurry, only four more days for that gold.

Employees enrolled in the Shell Hospital Surgical Medical Program have Hospital Identification Cards identifying them as being insured under the Program. The card facilitates the holder's entry into a hospital in an emergency; information on the back of the card tells the hospital how coverage under the Program can be quickly verified.

Fishing Contest Prizes



TO THE WINNERS of each division in the SRA sponsored Fishing Contest go these Johnson outboard motors. These outboards plus all the other prizes will be awarded at the Prizes get-together at 7 p.m., Saturday October 6 in the Main Cafeteria. Second and third grand prizes will be fishing rods and reels. Chairman Al Doerr is urging all prize winners in all divisions of the contest to attend the banquet.

Phosdrin Introduced by Shell Chemical

Shell Chemical Corporation introduced Phosdrin* phosphate insecticide last month. Limited quantities will be sold for use on late sumer and fall crops under an experimental label.

Phosdrin insecticide is manufactured at the Denver plant and blended by pesticide formulators and sold under their own brand names. It will not be used in products for home gardening.

*Trademark, Shell Chemical Corp.

Viscount to Use More Shell Fuel

Capital Airlines' Viscount service, with Shell Oil Company supplying the turboprop planes' fuel requirements, is being extended to a total of 52 cities in the United States.

Shell began supplying Capitals' four-engine Viscounts in July, 1955, when the turboprop service began at four cities—Chicago, Pittsburgh, Washington and Norfolk. Since then, 14 more cities have been added—Cleveland, Detroit, Newark, Atlanta, Philadelphia, New Orleans, Birmingham, Mobile, Rochester, Milwaukee, Charleston, W. V., Buffalo, New York and Richmond.

Now, 34 points will be added to the list of those served by Capital's Viscounts, the first and still the only turboprop planes on the routes of a U. S. air carrier.

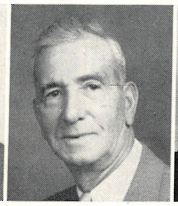
Capital has 30 Viscounts in service and another 45 on order. Shell's three-year contract to supply 150,000,000 gallons of fuel for the Viscounts was signed before Capital took delivery of its first Viscount. Shell supplies more than one-third of all the fuel required by airlines in the United States.

Shell's service to Capital called for special storage tank and tank truck installations at the points of service.

September Service Anniversaries



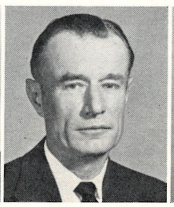
30 Years
Martin Henke
Compounding



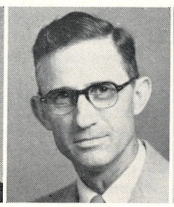
30 Years
Michael W. Jordan
Compounding



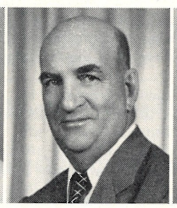
30 Years
H. E. Killebrew
Deceased (9-23-56)



30 Years
H. P. Moore
Boilermakers



30 Years
C. R. Reichert
Aromatics



30 Years
W. J. Watson
Boilermakers



30 Years
E. F. White
Insulators



25 Years
H. E. Fair
Pipe

15 Years

E. L. Allen
Engineering

J. P. Denton
Engineering

E. F. Cooper
Boilerhouse

D. R. Henson
Cracking

C. S. Janssen
Control Lab.

R. M. Miller
Aromatics

C. Russell
Pipe

C. M. Schafer
Instrument

A. E. Sitko
Engineering

J. A. Slagel
Engineering

V. J. Thatcher
Treasury

B. VanDanElzen
Carpenter

W. I. White
Carpenter



25 Years
A. W. Fultz
Instrument



25 Years
W. G. Huebner
Treasury



20 Years
T. B. Callendar
Compounding



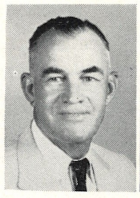
20 Years
Carl Colborn
Alkylation



20 Years
E. L. Fleming
Gas



20 Years
F. W. Hamilton
Alkylation



20 Years
W. O. Rodgers
Pipe



20 Years
L. L. Thompson
RR Section



20 Years
C. R. Weidey
Distilling



20 Years
E. B. Wiley Jr.
Fire & Safety



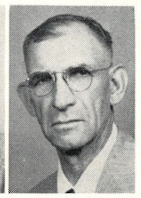
20 Years
Y. A. Wilson
Paint



Retired
A. J. Pfafflin
Stores



Retired
Fred Shaw
Paint



Retired
O'Kellie Summers
Pipe

15 Years

O. Wilkerson
RR Section

W. F. Willie
Engineering

10 Years

J. F. Beckman
Engineering

C. J. Cech
Alkylation

E. L. Coons
Utilities

W. G. Eddleman
Engineering

M. A. Eden
Fire & Safety

J. J. Juda
Engineering

C. F. Satoris
Cracking

M. D. Stroud
Treasury

E. Yatsko Jr.
PAD

Stopped in Japan, China, Philippines

Joe Androff Back at Work After Navy 'Honor Cruise'

J. H. (Joe) Androff, plant patrolman, returned to the Refinery last month after a 33-day work-vacation honor cruise with the United States Navy in the Far East.

Androff was chosen as one of 60 outstanding Naval reservists from western naval districts to participate in Operation Deployment West, a sight-seeing and training cruise that was the first in history to take reservists west of the Hawaiian Islands.

Sixty other members of eastern United States reserve units participated in Operation Deployment East, a concurrently held cruise to the Mediterranean Sea area.

An Outstanding Record

Joe, a boatswain's mate second class in the Naval Reserve Electronics Division 2 of the 9th Naval District, was the only member of his division to be selected for the cruise. The honor came as a result of his outstanding advancement rating and drill attendance in addition to a good record and ability as a petty officer.

tives there had a trip arranged for Joe and several other shipmates, but Androff reported that ship duty kept them from making the sight-seeing jaunt.

Before the cruise, several tours of Tokyo, Kamakura and Yokohama were held, and after docking at Sasebo, additional tours were scheduled for the reservists, including a trip to Nagasaki. Androff reported the rebuilding of Nagasaki, one of the two Japanese cities hit by atomic bombs in World War II, is progressing and looks like any modern American metropolis.

The cruise was primarily designed to give everyone a chance to become acquainted with new equipment aboard ship and get a chance to work with that equipment.

While on board, each reservist has a "running mate" of equal rank who he helped do his assigned job. They worked together with the "running mate" answering questions and giving information to Androff and the others.

While on the Roanoke, Androff became an ardent admirer of the crewmembers. "They have more efficiency awards floating around than any other ship I ever saw," said Joe. "They are real sailors."

Reservist Since 1949

Androff served on active duty in the Navy from 1943 until 1949 in that same Japan-China area. He's been an active Naval reservist since 1949.

Joe has been with Shell almost four years. He is married, and his wife, Ann, and he live at 607 Easton, Alton.

Other Shell employees associated with the unit are Lt. Fred Goynes, Stores Department, and Lt. jg. Donald Deister, Experimental Laboratory. The unit holds weekly meetings at 7:30 p.m. Wednesday in the basement of the Shurtleff College Administration Building.

Setting Out to Sea



THE ROANOKE SETS OUT to sea with the Japanese coast at Sasebo in the background. The reserve cruise was the first of its kind ever to go west of the Hawaiian Islands. Stops were made at Japan, China, Subic Bay and Manila before an airplane flight home from the Philippines.

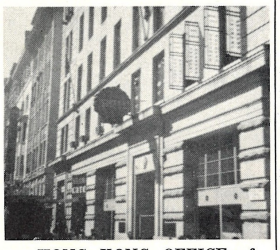
Androff left by airplane for San Francisco July 29 and arrived in Japan August 2, after stops at Pearl Harbor and the Midway Island Navy base.

The 60 reservists boarded the USS Roanoke the next day at Yokosuka and the Seventh Fleet light cruiser carried them on the Japanese coast to Sasebo, then to Hong Kong—where they had four days of liberty, Subic Bay and Manila.

Shell in Hong Kong

After visiting Shell's office in Hong Kong, company representa-

Shell in China



HONG KONG OFFICE of Shell was visited by Androff when the Roanoke made a four-day stop on the China mainland. Company officials had a trip arranged, but duty kept Joe aboard ship.

Have You Had Your Physical?

Under the Company's Voluntary Physical Reexamination, Program employees may take physicals every three years to determine the state of their health.

If you haven't had an examination in the past three years, and you would like to do so in the near future, get in touch with your supervisor or the Personnel and Industrial Relations Department and make arrangements to take an exam at the earliest possible date.

Dr. T. J. Kelly, Refinery Medical Director, is in charge of the reexaminations here at the plant. Only you receive the doctor's report on your physical condition. Take advantage of this Shell service to its employees.

Bruce Hammond Plays In Khoury League Game At Busch Stadium

Bruce Hammond, 14-year old son of Jack Hammond, Alkylation, was another of the sons of plant employees who played in the Khoury League All-Star games July 28 at Busch Stadium in St. Louis.

A regular third baseman for the East End Dad's Club in the Juvenile Division of the Khoury League, Bruce hit close to .350 during the regular season.

Disability Benefits Total $3¾ Million

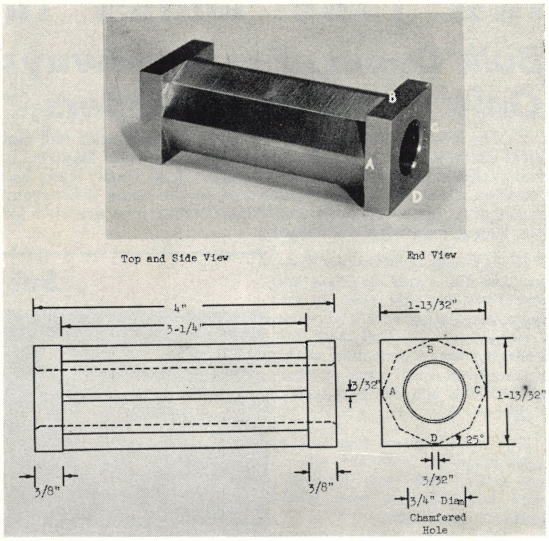
During 1955 payments made to employees under the Shell Disability Benefit Plan totalled $3,758,000 or an average of more than $95 per employee. Benefits are provided at no cost to employees and are determined on the basis of accredited service and normal earnings at the time of disability. The plan covers occupational and non-occupational accident or illness.

Second in Plant League



THEY WERE SECOND. Stores Department gained a spot in the plant softball league finals by defeating Control Lab, 5-4. They lost two straight games to Dispatching, but gave Bobby Garner quite a battle in a 3-1 loss in the last game. Team members left to right, front row, are Fred Giacoma, Bill Hock, Harold Ufert, Wade Jones and Paul Compagno-Manager. Back row, left to right, Don Driest, Chuck Taynor, Ed Lewis, Dan Murli and Stan Pohlman. Missing was Clarence Schwabe.

Multiple Doctor Blade



THE NEW PAINT APPLICATOR which is aiding research chemists in their work with paints and varnishes is shown above. Designed by E. C. Larson, three of these blades replace 12 conventional blades. Through its design, the applicator spreads paints and varnishes on surfaces in controlled thicknesses.

Will Help in Testing Laboratory

Paint Applicator Designed Here

A four-edged applicator designed to apply a controlled thickness of paints and varnishes to panels for testing purposes has been developed by Shell's paint research laboratory here in Wood River.

The applicator, called the "Shell Multiple Doctor Blade", is unique in that it contains four "doctoring" edges instead of only one as in the conventional applicators.

The new stainless steel unit can be made by any machinist. Three of the units can replace 12 conventional blades, at a substantial saving in cost.

Dumbbell Shaped

It is dumbbell shaped, except that its shaft is octagonal and its ends are square. The four "blades" are the four edges of the octagon that come to the middle of the squares. The clearance between the square and the edge of the octagon determines the thickness of the paint film the blade will spread.

E. C. Larson, Research chemist who is specializing in paint technology, designed the applicator and is using it in his experiments in paint and paint solvents. The "Shell Multiple Doctor Blade" is an outgrowth of research primarily devoted to a study of the role of petroleum thinners in paints and varnishes.

Used on Glass, Metal

To use the applicator, paint or varnish is first placed on the selected surface. Glass, metal and in some cases, paper can be used with the standard size surface being 4" x 8". Then the applicator, with the desired edge face down, is passed over the surface to spread the paint or varnish according to the thickness desired.

After the paint or varnish has been spread on the desired surface, it is then tested for weather-resistance, uniformity in drying rate, film hardness, sag, scourability and number of layers needed to adequately cover a given surface.

The new unit takes less space to store than the conventional unit, and is easier to clean.

When the now-under-construction Research Laboratory addition is completed, among its new features will be a paint laboratory, where much study will be devoted to the aforementioned use of petroleum thinners in paints and varnishes.

The applicator will help make this work easier.

By 1975 it is estimated that oil men will have to drill about 81,000 wells every year to supply the nation with adequate petroleum and petroleum porducts.

First Place Battles Highlighting Young Bowling Season

Bulk Depot, Res Rollaways Only Undisputed Leaders

The Plant bowling season is only three weeks old, but first place battles loom large in each of the four leagues. In the Wednesday night Premium League, Bulk Depot leads Extraction Plant by one-half game and in the same Wednesday night division, Whiz Kids and Plant Technicians are tied for the league lead with 6-3 records.

In the Friday night leagues, Control Lab No. 1 and Gas Plant are deadlocked for first place in the Super Shell league with 5 wins and 1 loss apiece. In Golden Shell, Res Rollaways have a perfect 6-0 mark, putting them a half game in front of Distilling and North Property Engineers.

That's the way the four league races shape up with the season just getting under way. Here are some individual and team highlights in each league.

PREMIUM LEAGUE

Ben Simon leads all individuals in average with 191. Charley Briskey is second among individual averages with a 183 for nine games. Briskey also holds the high individual single game with a score of 232. The Machinists hold the best team mark for a single game with a score of 1030, including handicap.

Following the Bulk Depot and Extraction in the standings are Electricians and Machinists, Engineering Inspection, Control Lab No. 2, Machinists, Reformers and Inspectors.

X-100 LEAGUE

Van Doren leads all individuals for high average with 166. John Allison is second with a 164 average. Van Doren has rolled the best single game in the league, a 224.

Research has rolled the best team single score of 1034, including the handicap. Following Plant Technicians and Whiz Kids in the standings are Disptaching, Control Lab, Cracker Box, Cat Crackers, Research and Tech Department.

SUPER SHELL

Gas Plant has rolled the team high single game, 998 and the Res. Pilots are just a single point behind with a 997. Van Doren has the high single game, a 212, with Langendorf just one pin behind with a 211. Behind Control Lab No.1 and Gas Plant are Res. Relics, Fire and Safety, Fab Shop, Res. Pilots, Boiler House and Brick Masons

GOLDEN SHELL

Benter has rolled the best single game in the league, a 202. Res Rollaways are leading the league and also have bowled the best team single game, 1010 with handicap. Following Rollaways in loop standings are Distilling, North Property Engineers, Res Ramblers, Engineering Office, Stores Department, Engineer Mixups and Alkylation.

SPORTS

Set 'em Up on Alley Eight



THEY'RE OFF AND ROLLING as the 1956-57 plant league bowling season got under way September 5 at the Bowl Inn in East Alton. With only three weeks of the season gone, the familiar cries of "the ball slipped" and "I was tapped on a perfect pocket hit" can be heard throughout the Refinery. Spirits are high and it looks like a long, successful bowling campaign.

Softball Champs Again



PLANT CHAMPIONS for the sixth straight year are the damaging Dispatchers. They entered the finals with a 10-0 win over Research and then downed Stores on consecutive nights, 8-2 and 3-1 to cop the plant softball title. Team members left to right, second row, are Orville (Sandy) Sandbach, George Pickerel, Jean Pile, Curly Linders and Jim Smith. Back row, Bill Shields, Bobby Garner, Co-Manager Ted Groppel, Dick Downer, George Blackston, Ken Zumwalt and Manager Wilbur Groves. Dispatching bat boys are in the front row.

Alkylation Dethroned

Distilling Wins Plant Golf Title in Four-Team Fight

Distilling is the new champion in the Plant League Golf. They edged out Engineering, Research No. 2 and Alkylation in the final two weeks of the season to annex their first crown in recent years.

Only 41 points separated these four teams in a hot race for the title. Distilling wound up with 687 points, followed by second-place Engineering's 670 points. Research nipped Alkylation for third place, 650 to 646.

The fourth place finish for Alkylation who had held a stranglehold on first place for five out of the last seven years, was the big surprise of the golfing campaign.

Distilling's climb to the top was equally as surprising, for the team had been newly organized. Even though a surprise, the Distillers rightly claimed the championship.

All teams in the league competed against every other team in the loop in two matches. Here are the final standings:

Team	Matches	Forfeits Rec'd.	Pts./Match	Points
Distilling	26	0	26.4	687
Engineering	26	0	25.8	670
Research No. 1	26	0	25.1	653
Alkylation	26	0	24.8	646
Instrument Shop	26	0	24.6	639
Main Office	26	0	23.0	598
Research No. 2	25	1	22.8	569
P. & I. R.	25	1	22.6	565
Eng. Insp.	26	0	22.2	588
Tech. Dept.	26	0	21.2	550
Dispatching	26	0	21.0	547
Plant Tech.	26	0	20.8	541
Lube	26	0	20.0	519
L. O. Treating	26	0	19.5	508

Shell Teams Tied for 5th, 8th Place In Third Week of Industrial Bowling

With three weeks gone in the Industrial League Bowling campaign, both of Shell's entries remain in the middle of the scrambled standings. Onized No. 2 has taken a two game lead over Boxboard No. 2 in the race's early stages.

Shell No. 2 is currently in a tie with Westerner for fifth place, each having 5-4 records. Shell No. 1 is deadlocked with Boxboard No. 1 for eighth place with a 3 won, 6 loss record.

Although in a tie for eighth, Shell No. 1 has been able to come up with two individual honors so far. F. W. Hackenthal bowled a 238 game to place second best in the individual high single game division.

As a team, Shell No. 1 has rolled the highest team high single game. They amassed 1010 pins in one game, and average of 202 per man.

Barton, Huber Coburn Grab 'Flight' Crowns

Shell Recreation Association's annual Individual Golf Tourney ended late this month with champions being crowned in the Championship, "A", and "C" flights.

Carl Coburn overcame a long-standing jinx whn he turned back Harold Hanbaum in the finals of the Championship flight, 2 and 1. Coburn and Hanbaum, perennial finalists in their division, renewed their friendly rivalry with Coburn grabbing the title.

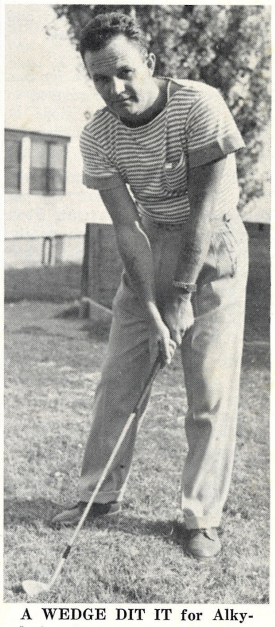
In the "A" flight, Howard Huber, a pipefitter in Control Lab, defeated Lou Purdy, 2 up in their 18-hole match. Purdy, one of three Alkylation operators to shoot a hole-in-one this summer, couldn't find that same sharpness in his match with Huber.

Carroll Barton scored a 3 and 2 win in the finals of the "C" flight over Bill Frizzell, Gas. Barton fired thre pars in the final five holes to best Frizzell, who needed the final three holes to win.

The championship 18-hole match in the "B" Flight is scheduled to be played this week, and so by October 1, titlists in all divisions will have been crowned. Fighting for the "B" Flight crown are Almer Whittaker and Melvin Kellenberger.

Delays in scheduling, due to vacation and shift working problems, caused the tourney to run three weeks longer than orginally scheduled, but Golf Secretary Bill Loomis seemed pleased with the final outcome, as did all those who participated.

Hole in One



A WEDGE DIT IT for Alkylation Operator Don Williams. That was the club he used to shoot the first hole-in-one of his golfing career. Don got his ace September 6 on the 85-yard, eighth hole at the Fairmont Course. Williams became the third Alkylation man to card a hole-in-one this summer, Herb Miller and Lou Purdy being the other two.