

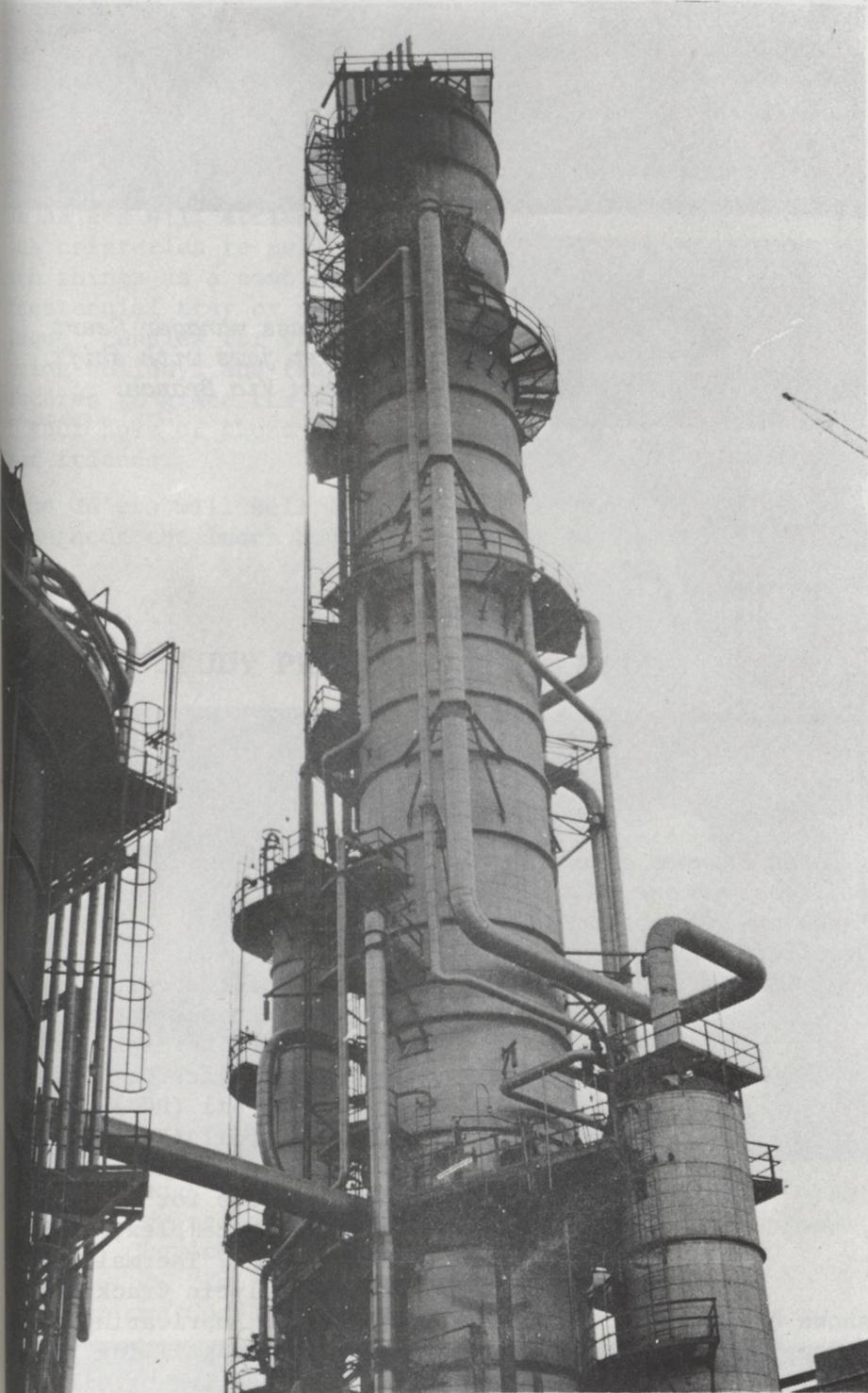
Shellegram

Deer Park Manufacturing Complex

Thursday, November 6, 1975

Vol. 40, No. 40

IN THE BEGINNING, THERE WAS NOTHING, THEN THERE WAS DISTILLING...."



"In the beginning there was nothing, then there was distilling, then there was a refinery," says process manager Geert Fikkert as he attempts to simplify his department's functions for the SHELLEGRAM.

An investigation reveals that, although hundreds of different oil products may be manufactured in the complex, in every case the first step is the process of crude oil distillation.

This is a fractionation column. This is where crude oil is separated into the various types of liquids or fractions contained therein.

This is where oil is boiled. This is the heart's main artery.

In the beginning there was nothing, then there was....

What is distillation? If you take a simple liquid such as water and heat it until it boils, it will not get any hotter but will stay at the same temperature. As the water boils, it begins to turn into steam vapor. If the steam meets a cold surface, it will condense and change back into water. This process of boiling and condensation is called distillation.

Since every liquid has its own fixed boiling point, the process of distillation occurs at different temperatures in different liquids.

In the case of water, distillation is a very simple matter as water is a single liquid. In the case of crude oil, distillation is a much more complicated process as crude oil is not a single liquid but a mixture of many different types of liquid. These different types have different fixed boiling points.

This means that when crude oil is heated in one of

(Continued on page 2)

CREDIT UNION ADOPTS NEW LOAN POLICY

The Credit Committee of the Shell Refinery Employees Federal Credit Union has adopted a new policy permitting loan officers authority to approve loans up to \$2,500 without prior approval of the Credit Committee.

The new policy eliminates the 1-4 day delay on loans over \$2,500 for many employees, who have established

credit and have several years with the company. A loan officer in a federal credit union may not reject any member's request for a loan, but they may elect to refer the loan request to the Credit Committee, who has the sole authority to refuse a loan.

The Credit Committee meets every Monday and Wednesday.

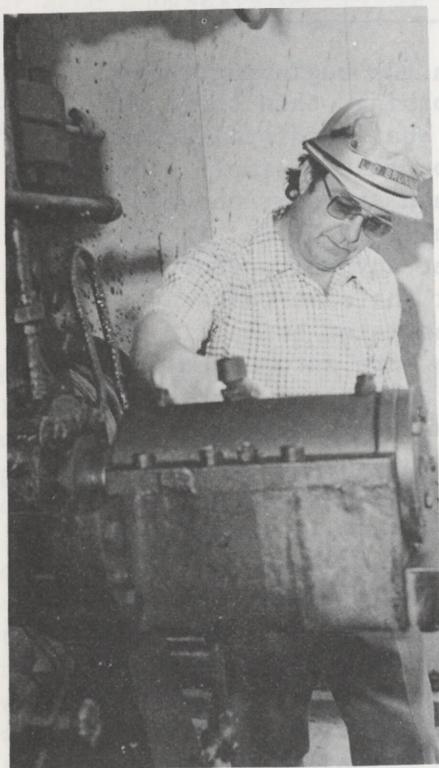
"In the beginning, there was nothing, then there was distilling...."

Distilling operators look over a flow diagram in preparation for making one of many product switches made in their department.

l-r, Loren D. Brunner, auxiliary operator; John Wilson, crude operator; Sid Hodges, hydrotreater operator; and Scott Willis, vacuum flash operator.



Process manager Geert Fikkert jaws with shift foreman Vic Branch.



Loren Brunner checks the oil level in one of the three crude pumps in the Distilling Department.

Distilling's furnaces, some parts of it boil and vaporize at low temperatures (up to 400°F), others at higher temperatures (400-700°F) and some will boil only at very high temperatures (greater than 700°F).

The utilization of this knowledge enables the refinery to separate the different parts of crude oil in a distilling fractionation column such as the one

shown on the front page.

The fractionation column is like the pan used to heat the water. The heated crude oil enters the bottom of a column. Heat, applied throughout the column, is less intensive in the middle and upper portions than at the bottom. This permits the separation of the different types of liquids or fractions found in crude oil. Repeating this process gives a more thorough separation of the various crude oil fractions.

Fractions found in crude oil include the light (those coming off the top of the column) and heavy fractions (those coming off the lower

portion of the column). The light fractions include naphtha and kerosene, while the heavy fractions include heavy gas oil (HGO) and extra heavy gas oil (XHGO).

These fractions then become feed streams for other units within the complex, such as Platforming, Thermal Cracking, Catalytic Cracking, OP-II and Lubricating Oils.

What is distilling? "It is just boiling of oil; that's what distilling is," says Geert.

Where does Distilling belong in the scheme of the complex? The people in Distilling feel that they are the heart. If they have a fatal heart attack, the rest of the complex dies!

And thus when you consider that in the beginning there was nothing, then there was distilling, then there was a refinery/chemical plant, maybe there is some merit to their likening Distilling to the heart. Just maybe....

JUNIOR ACHIEVEMENT PLANS NOVEMBER 14 TOUR, SELLING CAMPAIGN AT THE COMPLEX

"Two local JA Companies sponsored by Shell are planning a tour, selling campaign at the complex," says Ed Bayersdorfer, chief adviser of the group sponsored by the chemical plant.

The date for the joint venture will be Friday, November 14. At that time the JA'ers will arrive at both cafeterias to sell such things as a combination bicentennial tray or wall plaque, candles for the coming holidays and framed pictures to grace the walls of your home or those of your friends.

The JA'ers will sell throughout the lunch hour.

eat, then take a tour of the complex arriving back in time to set up their wares at both gate houses for selling to those coming to and those going home from work.

Prices for the items will range from \$.50 for some of the candles to \$3 for the combination tray/wall plaque.

Other Shell employees advising the chemical plant sponsored JA Company are: Richard Boatwright, Dennis Brown and Sammy West. Chief adviser for the refinery sponsored company is Frank Annerino, who is assisted by Joe Craft, Mike Martin and Steve Young.

BRIDGE TOURNAMENT COMING UP

The 10th Shell Worldwide Bridge Tournament and Houston City Championship is scheduled for November 19. The event will be held at the Bridge Studio of Houston, 7011 SW Freeway, 6th floor, at 7:30 pm.

Reservations are due by November 18, 5 pm. Complex employees interested in competing may make their reservations through Steve Slaymaker on Bell extension 209 at the refinery.

SCORA LOGO CONTEST NOW UNDERWAY

December 1 is the deadline for submitting your entry to the SCORA logo contest.

The contest is open to SCORA members only and the lucky winner will be awarded a ticket for two to the upcoming December 5 Christmas Dance at the Shamrock.

So, get your ideas together and deposit your entries in the SCORA boxes located at the clockalleys.

THIRD QUARTER REPORT NOW AVAILABLE

Shell Oil Company's Third Quarter Report 1975 is now available. To obtain a copy drop by the SHELLEGRAM office or call the editor on Bell extension 301.

Although there was a decrease of 26 percent of the consolidated net income for the third quarter 1975, the earnings were still the second highest in the company's history.

PROVIDENT FUND NEWS

The following is the Provident Fund valuation:

- Equities Fund
- October 15 - \$2.405
- Shell Stock Fund
- October 1-15 - \$53.545

FOREMAN STUDY PROGRAMS BEING HELD



The Wednesday Foreman Study Program is now underway. The following foremen are participating: Kneeling, instructor Len Fite, Charles Finch and Sam Cook. Standing, M. E. McNeil, G. T. "Kap" Kaptchinskie, J. D. Payton, Jim Alexander and Charlie Young.



The Thursday Foreman Study Program now underway consists of the following participants: Kneeling, C. L. Collard, B. McNair, instructor Len Fite and T. L. Burnett. Standing, T. F. Nowak, W. D. Antone, J. Denley, D. D. Jones, Sam McGins, D. V. McKinney, A. E. Bennett and O. L. Kennedy.

CLASSIFIEDS

1970 Pontiac Tempest 4-door
350. \$900.
991-4874 after 5:30 pm

AKC Pekingese puppies.
\$100.
1-573-1292

16-2/3 acres, fenced, modern
2-bedroom house, double
garage, deep well, large
pond, deer stand, roe tractor
and equipment, 1/2 mineral
rights, located 8 miles
north of Lovelady, Texas.
479-2948

2 lots (99x107.5) corner of
Arno and Westside Drive.
2 lots (99x107.5) Arno Street
(behind Handy Dan on Spencer)
\$30,000.
472-8931 after 5 pm

New Midland 857 C.B. radio.
\$152.95.
661-8825

Pale yellow and green shag
carpet 11½x11½ with pad.
\$45.
488-3926

1975 Silverado 10 LWB, air,
power steering and brakes,
350 V-8, auto trans., AM-FM,
mag wheels.
946-8290 after 5 pm

28' Trojan cabin cruiser,
top shape, lots of extras.
331-1443 or 488-3805
after 5 pm

Three seated couch with love
seat to match. \$150. Three-
seated couch with chair to
match. \$85.
479-2500

12'x50' mobile home located
at Pleasure Point near Lake
Rayburn, 2 bedrooms, central
heat, air, completely furn-
ished, screened front porch,
2-car garage on 4 lots just
yards from National Forest.
Used very little. \$9,500.
479-4044 or 479-6764

1972 Phantom tri-hull boat,
16' with walk-thru wind-
shield, laydown seats, top,
1972 Chrysler 55 hp motor,
etc., on shoreline trailer.
Rig used 7-8 times, perfect
condition. \$1,950.
479-4044 or 479-6764

1968 Plymouth stationwagon,
air, auto, power, original
owner, good condition. \$850.
333-2533

Vetter Windjammer fairing,
black, turnsignals, wind-
shield, hardware and in-
structions, wiring harness,
brackets for Honda 750 and
500 Fours. \$140.
473-7180

1971 Honda 750cc knock-in
engine. \$500.
472-4553

Economy special 1974 silver
Honda Civic, loaded. \$2,300.
448-3919

1975 Chevrolet pickup, custom
deluxe, loaded with camper,
take up notes.
472-2310

1974 Olds Cutlass Supreme,
350 V-8, auto, air, power,
new radials, AM-FM stereo,
buckets, 26,000 miles.
\$3,800.
643-0211

CARPOOL WANTED

Would like to join or form
carpool from 610-South Way-
side area to Shell Refinery,
hours 7:30 am to 4 pm.
645-9201

**NO SHELLEGRAM
NEXT WEEK**

Don't look for the
SHELLEGRAM next Thursday,
November 13, as the editor
will be traveling in sunny
Jamaica.

The next issue will be in
the stands on November 20.

GARAGE SALE

7019 Hendon on November 6-8.
Lots of ladies clothes.
771-4961

FOUND

Key #17W near room 113 in the
Main Office Annex (hospital).
Claim at the SHELLEGRAM
office.

PERSONAL

It is so hard to find words
to express our thanks to our
many wonderful friends at
Shell Refinery for your help
and prayers in our time of
trouble. All we can say is
thank you, good health and
God bless each one of you.
- Paul & Lolly Bagwell

**NOSTALGIA DANCE HELD
FOR SCORA MEMBERS**



*SCORA member Robert Taylor
and his daughter, Kathy,
dance the light fantastic at
the Nostalgia Dance for SCORA
members held October 18 at
the Fireman's Recreation
Hall in Deer Park.*

*This is just one of the
many activities sponsored
by the club for its members.*

SHELLEGRAM

Published by Shell Oil Company for its Deer Park
Manufacturing Complex employees at Deer Park, Texas.

Mrs. Dotti West - Editor

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and photographs, call extension 301 (Bell) or send
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