



GIANT 'COKE' MACHINE . . . Huge cranes hoist a 120-ton steel drum into place at the General Petroleum's local refinery as the company nears the end of a \$2,250,000 expansion program at the 190th street and Greenway boulevard plant. Drum, capable of holding 120,000 gallons of heavy fuel oil, converts the less desirable product into lighter oils, gasoline, "bottled-gas", and a petroleum by-product—"coke".

No Deposit!

No Bottles To Return To This Giant G. P. 'Coke' Machine

A newly-expanded refinery unit which will turn more surplus heavy fuel oil into other petroleum products in greater demand was put "on stream" for the first time Sunday, January 22, at General Petroleum's, Torrance refinery.

The unit, known to refinery men as a "coker," has been added to at a cost of \$2,250,000.

The expansion project, begun last July, was completed a week ago. The original unit was taken off stream for maintenance work and to be tied into the new addition.

Working together, the original unit of four coke drums each 80 feet high and 47 feet in diameter, and the two drums just added, will turn about 22,000 barrels (of 42 gallons) of heavy fuel oil each day into gasoline, gas, oil, petroleum gases suitable for use as "bottled" gas, dry gas, and coke.

The coke—over 800 tons daily—is used in the aluminum reduction industry for electrodes. It is also useful as a fuel having, in fact, as much heat value as the fuel oil from which it is made on a pound-for-pound basis.

The expansion of the Torrance coker facilities, already the largest in the world, represents the best available answer to a problem which has been plaguing California oil refiners for the last 18 months.

The problem is: what to do with heavy fuel oil, now available in quantities far in excess of demand? Three factors have contributed to the problem: (1) the switching of railroads to diesel engines away from steam engines which burn heavy fuel oil; (2) the importation via pipe lines of Texas natural gas which has replaced heavy fuel oil for many uses; and (3) the loss of the Orient export market for heavy fuel oil.

Since all of these three factors appear to be permanent and since the production of heavy fuel oil cannot be significantly reduced as long as demand remains high for other products with which it is mixed in crude oil, a change in processing seemed to be the only answer. General Petroleum's engineers calculate that the new facility will bring the refinery's product yield pattern into approximate correlation with market demand. The expansion project was de-

Arkansan Dies In Local Hospital

The body of Mayes Leonard Cloud, 55, of 1236 West 91st street, Los Angeles, who died in a local hospital last Sunday, was returned to his former home in Benton, Arkansas, yesterday. He is survived by his wife, Loney, of Los Angeles, one brother, Foster Cloud, and two sisters, Mrs. Ethel White and Mrs. Bertha Hailey, all of Benton; and another sister, Mrs. Ernie Neely, of Little Rock, Arkansas.

One-Day Old Infant Dies

Services for James Martin Grant, the ten-day-old son of Mr. and Mrs. James A. Grant, 2072 Santa Fe avenue, who died last Saturday in a Long Beach hospital, were held Tuesday at Stone and Myers Chapel. Interment was in Pacific Crest Cemetery. Graveside services were conducted by Rev. C. J. England.

Fire Hits Cafe

Fire that started in a pile of newspapers under a counter at Mickey's Cafe at 819 Border avenue destroyed six feet of the counter and part of a beverage cooler Tuesday night, the Fire Department reported.

signed by the M. W. Kellogg Co. Construction was handled by the Bechtel Company.

Torrance First In Small City 1949 Building

Torrance held first place in construction among California cities under 20,000 population in 1949, the Daily Pacific Builder announced this week. Despite Torrance's small size, the city held 19th place in mon-

ey spent on construction during 1949 and 20th in the number of building permits issued. A total of 1353 permits were issued during the year for a value of \$7,296,898. This figure was 7.9 per cent under 1948 con-

struction, still higher than the average decline of 13.25 per cent in the state. Heaviest builder in the state was Los Angeles with 56,962 permits valued at \$281,337,497, a decline of 24.6 per cent from the

previous year. Highest gain was made by Vallejo with 405 permits valued at \$2,555,867 for a gain of 89.9 per cent. The greatest decline was in Glendale where 2348 permits were issued at a value of \$8,603,980, a decline of 42.1 per cent from 1948.

WINS "A" HONORS

Stanley Pierson, son of Mr. and Mrs. Daniel Pierson, 1319 Plaza Del Amo, was one of 34 students making all "A" grades for a 4.00 grade-point average on the University of Oregon fall term honor roll. Pierson is a senior major in history.

The great truths of life are simple. It is because we speculate about them that they grow involved. —World Digest

It's pretty hard to tell what does bring happiness. Poverty and wealth have both failed. —Kin Hubbard

Grocery Specials!

Jewel — 3-Lb. Tin
SHORTENING
63¢

Globe A-1 — 10-Lb. Bag
FLOUR
79¢

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Meat Specials!

Tenderized - Hickory Smoked
Whole or Shank Half
PICNIC HAMS
31¢

Eastern 1 Pound Layer
SLICED BACON
25¢

MORRELL'S PRIDE 1-LB. LAYER 43¢ LB.

Fresh Grade A, Large
Our Famous Sunny Ranch
EGGS
43¢ doz

Silver
OLEO
19¢ lb

Doyle's—Tall Cans
DOG FOOD 4 Cans For **27¢**

Lady's Choice
Close Out!
CRANBERRY
SAUCE 3 Cans For **25¢**

Kern's Cherry—1-Lb. Jar
JAM
15¢

Kern's—14-Oz. Bottle
CATSUP
11¢

LADY'S CHOICE—PINTS
SALAD DRESSING **25¢**

Giant Size—Redeem your coupon here.
WHITE KING SOAP **48¢**

Hypro - 1-Qt. Btl
BLEACH **10¢**

No. 1 Tall - Lge. Pitted
OLIVES **21¢**

Royal—
All Flavors
Gelatine 3 for **17¢**

Sta-Crisp—1-Lb. Box
CRACKERS **17¢**

Sweetose 1 1/2-Lb. Jar
Crystal White
SYRUP **15¢**

M. C. P. Jumbo—46 Oz.
GRAPEFRUIT
JUICE **33¢**

FANCY FRESH FLORIDA
Pole BEANS
2 LBS. FOR 19¢

LARGE, SWEET, NAVEL
Table ORANGES
5 LBS. FOR 23¢

SOLID, GREEN
CABBAGE
2¢ lb

SOLID, CRISP
Head LETTUCE
5¢ ea

FANCY, SWEET, SPANISH
ONIONS
2 LBS. FOR 9¢

Corn Fed - Meaty
SPARE RIBS
32¢ lb

Special - Eastern Pork
SMOKED PORK LINKS
32¢ lb

EASTERN - CORN FED
PORK LOIN ROAST **37¢ lb**

FRESH, TASTY
PORK LINKS **42¢ lb**

PIN BONE
SIRLOIN STEAK **35¢ lb**

BEST CUTS 55¢ Lb.

SWEET PICKLED
BEEF TONGUES **27¢ lb**

SLICED or PIECE
BEEF LIVER **39¢ lb**

BONELESS - TENDERIZED
COTTAGE HAM BUTTS **45¢ lb**

BABY BEEF
T-BONE STEAKS **49¢ lb**

FRESH - LEAN
GROUND BEEF **37¢ lb**

Columbia River
SMELTS **15¢ lb**

Eastern
COD FILLET **32¢ lb**

FILLET OF
SOLE **35¢ lb**

Rock Fish
FILLET **19¢ lb**

Sliced
Boiled Ham **89¢ lb**

Tillamook
CHEESE **57¢ lb**

Spiced
Lunch Meat **39¢ lb**

Full Cream Longhorn or
Sliced American
CHEESE **45¢ lb**

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CORNER OF ARLINGTON and TORRANCE BLVD.

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