



Shellegraph

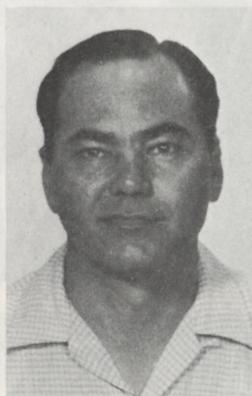
Friday, November 30, 1973

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ENGINEERING FIELD PROMOTES SIX WITHIN DEPARTMENT



Kleiber



Wiederhold



Allison

Waldo E. Kleiber, engineering foreman, Engineering Field, has been promoted to refinery supervisor, Engineering Field, effective December 1. Waldo was employed in October 1948 as a general helper. In 1955 he was promoted to machinist No. 1 and then in 1969 to engineering foreman.

Louis M. Wiederhold, Jr., engineering foreman, Engineering Field, has been promoted to engineering supervisor, Engineering Field, effective December 1. Louis was employed in 1948 as a general helper. In 1954 he was promoted to pipefitter No. 1 and engineering foreman in 1969.

William Guy Allison, Jr., painter No. 1, Engineering Field, has been promoted to engineering foreman, Engineering Field, effective November 16. William was hired in 1947 as a general helper. In 1947 he was promoted to painter No. 2 and in 1948 to painter No. 1.

Harold W. Ellington, heavy equipment operator No. 1, Engineering Field, has been promoted to engineering foreman, Engineering Field, effective November 16. Harold has held various positions in the Engineering Field Department, after starting in 1949 as a general helper.

(Continued on page 3)



Ellington



Fram



Smith

NEW ENERGY SOURCES

Developing future alternate energy sources - from tar sands, shale oil, geothermal taps, nuclear reaction, solar power - is a problem of technology, not science, Harry E. Walker, Shell Oil Company vice president for Public Affairs, said recently.

None of the alternate energy systems is thought to require further new fundamental science, Walker said in a panel discussion at the National Forum on Growth with Environmental Quality meeting here in the Tulsa Assembly Center.

What is required, the Shell vice president said, is a concentrated effort of engineering and production to reduce existing science to a practical, more realistic and economical state.

"Conversion of the so-called 'unconventional raw materials' into useful liquid and gaseous fuels is not really new technology," Walker said. "The processes for unconventional availability of resource will

(Continued on page 3)

SENIOR STAFF MOVES



Kemball-Cook

Richard M. Kemball-Cook replaces Jack Cox as superintendent operations-west. Dick was graduated from Princeton with a BS in Chemical Engineering and hired at Wood River Refinery in the Experimental Laboratory in November 1958. Prior to coming to the Houston Refinery, he was located at Martinez Refinery and Head Office.



Campbell

H. R. Campbell, Jr., replaces Ben Baldwin as chief technologist. Bob was graduated from Ohio State with a BS in Chemical Engineering and joined Shell in Wood River Refinery's Experimental Laboratory. In 1970 he was transferred to Head Office as senior staff engineer, Technological.

DISPATCHING SAFETY PARTY ATTRACTS LARGE TURNOUT



top, Dee Callihan, Bill and Edna Earl Heyen enjoyed themselves at the Dispatching Safety Party held at the Monument Restaurant. middle, Sandy and Ken Williams renew their acquaintance with P. T. and Laura Hawthorne. bottom, M. G. and Jeannette Holmes chat with Bob Gibson and his date, Lucille.



top, Everett and Elma Williams discuss with Michael and Brenda Davis the events that have occurred at work. Did you really burn that pan, Everett? middle, Eunice Bagwell enjoys a comment with Helen and M. E. Lesser. bottom, Douglas and Irene Finn, Claude Burgess, Price Graves, Margie Burgess, Herbie and Helen Hall pose for the camera.

WELCOME TO HOUSTON REFINERY



Wallace W. Groda
Engineer
Economics & Scheduling

Ted Powers
Special Assignment
Treasury

MORRIS S. DAVIS, RETIRED PAINTER NO. 1 DIED NOVEMBER 23



Morris S. Davis, retired painter No. 1, Engineering Field, died November 23. Morris retired in September 1963 after 27 years of service with the Company. He is survived by his wife, Lola A. Burial was in Longview, Texas, on November 26.

SHELLEGRAPH

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

Mrs. Dotti West - Editor

MITTIE DEATON MOVES TO HEAD OFFICE



Mittie Deaton, senior stenographer, Houston Refinery, was recently promoted and transferred to Head Office. She will become secretary to Ron Swofford, manager, Process Planning, Manufacturing Technological. Mittie has worked in Treasury, Thermal Cracking, Purchasing-Stores, Aromatics, Refinery Laboratory, and at the UCC.



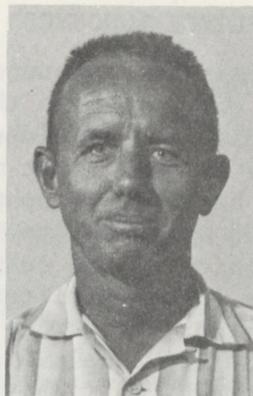
"I don't care what your teacher said about the value of a dollar. We don't sell them for 47 cents."

ENGINEERING FIELD PROMOTIONS
(Continued from page 1)

Lloyd A. Fram, machinist No. 1, Engineering Field, has been promoted to engineering foreman, Engineering Field, effective November 16. Lloyd was hired in 1948 as a general helper; in 1953 he was promoted to machinist No. 2 and then in 1954 to machinist No. 1.

Victor E. Smith, pipefitter No. 1, Engineering Field, has been promoted to engineering foreman, Engineering Field, effective November 16. Victor was hired in 1943 as a general helper. In 1943 he was promoted to pipefitter helper No. 1 and then in 1948 to pipefitter No. 1.

Also in connection with the above promotions the following personnel moves and realignment of responsibilities will become effective December 1: W. T. Ervin, engineering supervisor, will replace Mr. Evans, who is retiring December 1. F. F. Lewis, refinery supervisor, will replace Mr. Ervin as engineering supervisor. C. M. Sharpe, engineering supervisor, now temporarily assigned to Engineering Office, will transfer to Engineering Office as inspection supervisor. G. W. Stanfield, engineering supervisor, will have responsibility for maintenance in Hydrocracking, Catalytic Reforming, and Catalytic Cracking. E. G. Suhr, engineering supervisor, will have responsibility for maintenance in Gas Recovery, Aromatics East, and Aromatics West.



Ervin



Lewis



Sharpe



Stanfield



Suhr

NEW ENERGY SOURCES PROBLEM OF TECHNOLOGY, NOT SCIENCE
(Continued from page 1)

not limit the development of unconventional raw materials."

In discussing other possible energy sources of the future, Walker said that the technological problems related to geothermal energy are relatively minor. The limited development of geothermal energy in the United States, however, makes assessment of potential reserves extremely speculative, he added.

Nuclear power is the most attractive source of electricity for the future, Walker said. "The nuclear industry is not without its problems, both technical and environmental," he stated. "We believe all these problems are capable of solution and pose no real threat to continued nuclear growth."

He said it is estimated that raw materials which are being developed today are, to a

large extent, improvements on older processes rather than radical new concepts."

He cautioned, however, against believing simply that because these processes are old they pose no technological challenges.

"To manufacture significant quantities of these fuels will require handling vast quantities of solids," Walker pointed out. "Such an industry will involve mining on a scale as large or larger than mines that exist anywhere in the world today."

Hydrocarbon raw material for unconventional raw materials is abundant, Walker said. The potential resources of coal and oil shale in the United States exceed the potential requirement for conversion by a wide margin, and the reserves of Athabasca tar sands in Canada are also large.

"It is clear," he added, "that breeder reactors will become

commercially significant by 1990, and added that the potential of nuclear fusion is infinite, but its technical problems are extremely large.

Virtually no new technology is needed to capture the thermal parts of solar radiation in an economically competitive fashion, Walker said. "It will take a concentrated effort of engineering, production and marketing. A bit more effort is required to make the capture of electricity from solar radiation economically competitive."

The technological problems in the development of alternate energy sources can be solved, Walker concluded, saying that he also believes that the environmental problems which will arise as we move toward increasing utilization of these new energy sources can be settled.

HOUSTON COMPLEX SPONSORS 'NEW EMPLOYEE CONTEST'

- NEW EMPLOYEE ANNOUNCED -

We would like to announce the addition of a new character to the Houston Complex scene. His official label is "STOP WASTE"; but, we believe that many of you can suggest a better, or snappier name than that - and we'll put up a prize for what, in the opinion of the judges is the most appropriate name submitted. C'mon, join in the naming contest - How about something like "R. U. Helpin", "Ucan", "Econ", or "Sal Vagit"? This character may be living with us a long time so have your say in what he's called.



NAME ME

WIN A TRANSISTOR PORTABLE RADIO

I WOULD LIKE TO SUBMIT
 FOLLOWING NAME - (PLEASE PRINT)

NAME _____

DEPARTMENT _____

PHONE _____

Submit your entry to the SHELLEGRAPH editor by November 30. Winner will be announced December 14.

L. C. MOORE RETIRES



L. C. Moore, boilermaker No. 1, Engineering Field, is presented a scroll upon his retirement. Doing the honors is D. B. West.

CLASSIFIEDS

FOR SALE

1972 Yamaha 100cc Enduro. Good condition. \$300. Telephone: 645-2775

15' Terry bass boat. Console steering, 20 hp Johnson motor, Steelco galvanized trailer, 12" wheels. Less than 40 hours on rig. Garaged and in excellent condition. \$500. Telephone: 472-8846

Two wooded lots totaling one acre. Shallow well with pitcher pump. Wood, screened utility building. Located 6 miles out of Conroe, off FM 1488. \$3,500 terms or \$3,000 cash. Telephone: 472-8846

Paneled L.W.B. camper for pickup truck, ice box, wardrobe and table. Sleeps four. Good condition. \$350. Telephone: 473-9781

1935 Studebaker Coupe. 383 Chrysler, two 4-barrel carbs. Rear drag slicks, new front tires, new paint. Mechanically perfect. \$700. Telephone: 926-7301

1972 Lil' Dude 3-bike trailer. Cost \$200; sell \$140. Insulated camper cover. \$100. Telephone: 941-4626 or 944-2280

One balcony bedroom, 1½ story house with garage. Bedroom and living area paneled. Gas stove, refrigerator and air furnished. \$115 per month. Telephone: 941-0349

Marklin HD train set; 2 trains with separate controls, 43' track, 4 switches, many extras. \$95. Telephone: 477-1606

WANTED TO BUY

Electric motor, 220 volt, single phase, 2 or 3 hp. Wanted for air compressor. Telephone: 453-0231

FREE

Monkey grass, beautifies flower beds. Limited amounts. Telephone: 453-0231

PERSONAL

I wish to thank all my friends for the fishing gear, money, plaque and party honoring me upon retirement. Without question, your thoughtfulness will always be remembered.

- "Buckshot Mabry"



"Give the ball back or I'll report you to OSHA for not wearing your safety helmet."