

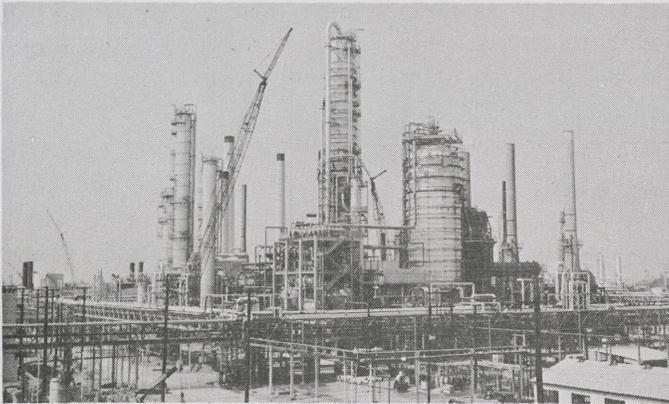


Shellegraph

Houston Refinery

No. 34

Friday, August 21, 1970



Cranes and other equipment were used to complete construction of the new DU-2 as employees began startup procedures this week. The 160,000 b/d crude distillation unit brings the daily crude intake capacity of the Refinery to 255,000 barrels.

TWO YEAR CONSTRUCTION PROJECT ENDS AS DU-2 STARTS UP THIS WEEK

Distilling Unit No. 2 startup at the Houston Refinery this week marked a significant step in a broad-based construction project begun in 1968.

DU-2, part of a three-year over \$100 million project, brings the daily crude intake capacity of the Refinery to 255,000 barrels. This 160,000 b/d crude distillation unit permits the Refinery to process additional crude to meet the increasing demand for gasoline and turbine fuel. A part of the project will provide feedstock for Shell Chemical's new ethylene facility.

Other facilities completed in connection with DU-2 include a 47,500 b/d heat integrated vacuum flasher, a 46,000 b/d naphtha hydrotreater, and naphtha fractionation. Other expansion projects still under construction

(Continued on Page 2.)

UNITED FUND COMMITTEE SETS GOAL AT \$42,500 FOR 1971 REFINERY DRIVE

The United Fund Committee set the goal for this year's campaign at \$42,500, 6½% over last year's goal.

Co-chairmen John E. Nicholson and Jimmy Miller will lead the committee and numerous solicitors in the three-day campaign to be held September 21-23.

Alternate Co-chairmen are Bob Vanston and Roy St. Pierre.

This year, the goal for the Harris County United Fund is \$9,687,000, 6½% over last year's goal.

Solicitors who will be trying to obtain pledges for funds for the 45 agencies will be announced for each department soon.

Committee members this year are Joe C. Allen, Distilling; Clarke Callihan, Treasury; Ray Crawford, Engineering Field; Grover B. Dunn, Paint Shop; Oris Green, Refinery Lab; Miro Klecka, Research; Vernon E. Martin, Pipe Shop; John Nepveux, Engineering Services; Josie Ochoa, Employee Relations; Cleve O'Toole; Engineering Field; S. P. King, Lube A-1; and Robert Post, Welding.

UNUSUAL GUESTS VISIT CLARK FAMILY ON DAUGHTER PAT'S INVITATION

Pat O'Connor, daughter of Mr. and Mrs. Wes Clark, often finds that she has to bring work home from the office, but her homework isn't on paper.

Pat, the first female Zookeeper at Herman Park Zoo, often brings baby jaguars, cheetahs and cougars home with her because they must be fed around the clock just like human babies.

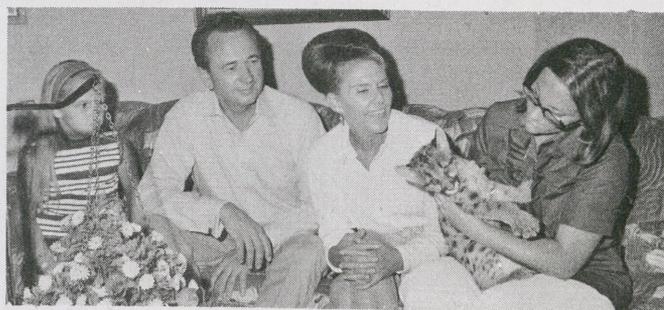
When she visited her parents last week at their home in Shoreacres, Pat brought Naomi, an eight-week-old cougar with her. This particular animal must be cared for by the zookeepers because its mother is no longer able to do so. The Clark family often gets a special treat when Pat and her husband, Patrick, visit.

Pat says that she has really enjoyed being a zookeeper because she loves animals and seeing them grow with proper care and feeding is very rewarding. She first started working at the zoo as a secretary, but was asked to become a zookeeper when there was a shortage in personnel. She started working with birds and then branched out to the nursery section. The job often has some letdowns, though, for some of the babies

(See Substitute Mother on Page 2.)



Naomi, an eight-week-old cougar, likes to travel and does so in her portable cage. See more pictures on Page 2.



At left, Pat O'Connor, the first female zookeeper at Herman Park Zoo, talks to Naomi as she explores the Clark home. Right, the Clark family, Tracy, peeking from behind arrangement, Wes, Molly and Pat enjoy the pleasure of Naomi's company.

SUBSTITUTE MOTHER RAISES ANIMALS FOR HERMAN PARK ZOO
(Continued from Page 1.)

are born with defects which are overpowering.

Pat cared for an African Genet around the clock for several weeks before it died of a birth defect recently.

Her present ward, Naomi, is a frisky and very agile blue-eyed cougar which has grown into the best of health. Naomi's diet is presently baby food, but she will progress to horse meat later on. When the cougar is around 10 weeks old, she will be more or less on her own, for she will be left at the zoo all of the time; she will no longer require-around-the-clock feeding.

Dedicated Pat enjoys caring for the cougar

R. J. GRUBBS TRANSFERS TO ODESSA

R. J. Grubbs, Engineer, Technological Department, will be transferred to the Odessa Refinery, effective September 1. as announced by J. D. Ramsey, Refinery Superintendent.

Jim joined Shell as a summer employee in May 1966 at the Odessa Refinery. Then, he joined Shell permanently at the Houston Refinery following his graduation in 1967 from Texas Tech with a B.S. degree in chemical engineering. After a variety of Technical assignments in the Houston Research Laboratory and the Catalytic Cracking Department, he assumed his present position in the Tech Department in April of this year.



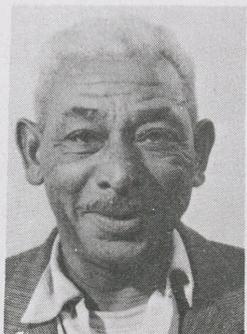
PENSIONER ROBERT DAWSON DIES

Robert Dawson, 70, died August 17. He is survived by his widow, Mrs. Ora. A. Dawson.

Dawson, a pensioner since 1962, had retired as a gardener in the Engineering Field Department.

He was first employed as a Laborer in July 1943 and served in Engineering Field assignments of yardman and gardener.

Funeral services will be held Sunday, August 23, at the Carl Barnes Funeral Chapel.



and hopes to be able to bring home other animals after she returns from maternity leave this winter. She says her husband loves having the animals around the house and they are also raising some horses of their own. Pat says she is getting some good training in baby care and will be well prepared when their child arrives.

The Wes Clarks, especially younger daughter Tracy, say they get very attached to the animals Pat occasionally brings over. Wes is a Medium Equipment Operator, Eng. Fld.

DU-2 STARTUP BEGINS--

(Continued from Page 1.)

include a 25,000 b/d hydrocracker, 75 MMcf/d hydrogen plant, a 36,000 b/d catalytic naphtha reformer and a saturates gas plant. These units are expected to be on stream in early 1971.

Supplementary facilities include additional steam generating capacity, power substations, tankage, in-line gasoline blenders and a utilities control center.

The new crude unit is designed to process a mixture of West Texas and Louisiana crudes. Unique features of the design include a hydrotreater for naphtha and lighter products. The unit also includes a platformer feed preparation section which will produce feedstock for the new catalytic reformer. The vacuum flasher section will produce feeds for both thermal cracking and catalytic cracking units.

The crude unit has been designed for maximum on-stream time. Where practical, facilities have been provided for on-line maintenance. For example, while one crude heater, one flasher heater, and/or a desalter are out of service, cleaning and maintenance of these units can be carried out with the unit operating at reduced capacity. It is expected that the crude unit will be able to run for more than two years before it is shutdown for its first complete turnaround.

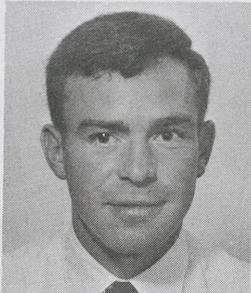
In preparation for operation of the new unit, the Refinery has trained operators for the unit in an intensive 4-week course. After the classroom portion of the school was completed, operators and staff personnel from the department began manning the plant and started activating the different portions of the unit as they became available leading to the startup this week.



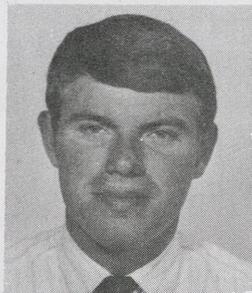
R. N. Levitch



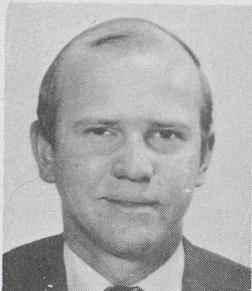
R. J. St. Pierre



J. C. Miller



U. G. Frondorf



T. P. Sands, Jr.

FIVE STAFF MEMBERS ANNOUNCED FOR HYDROPROCESSES DEPARTMENT

Staff appointments have been announced for the new Hydroprocesses Department by Leonard T. Wilson, Refinery Manager.

R. N. Levitch, presently Supervisor (Research), Hydroprocesses Department of the Houston Research Laboratory will move to the Hydroprocessing Department as a Senior Engineer.

R. J. St. Pierre, who has recently returned to the Houston Refinery following a special assignment in Head Office, will be an Engineer in the new department.

J. C. Miller, Engineer, Engineering Office Department, to Engineer, Hydroprocessing Department.

U. G. Frondorf, Engineer, Technological Department to Engineer, Hydroprocesses Department.

T. P. Sands, Jr., Engineer, Technological Department, to Engineer, Hydroprocessing Department.

Levitch, who holds an M.S. from California Institute of Technology and a Ph.D. from Massachusetts Institute of Technology, joined Shell as a Research Engineer at the Research Laboratory in 1966. He became a Group Leader in 1968.

These men will assist in the start-up of the new units of the department.

SERVICE ANNIVERSARIES



35 Years
J. V. Campo
Eng. Fld.



35 Years
J. R. Devereaux
Res. Lab.



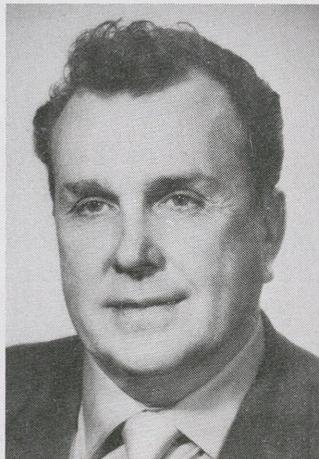
35 Years
W. C. Felscher
Lube Oils



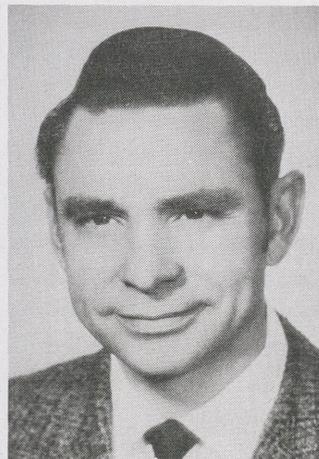
35 Years
J. M. Hatcher
Dispatching



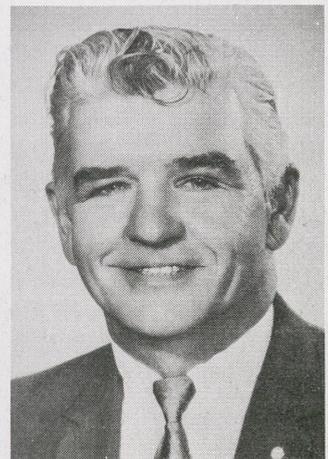
35 Years
B. J. Royall
Eng. Fld.



35 Years
C. M. Sharpe
Eng. Fld.



25 Years
J. C. Muyres
Refinery Lab.



25 Years
P. C. Holmes
Eng. Fld.

EFFLUENT CONTROL DEPARTMENT HOLDS DINNER AFTER SAFE YEAR



At Jimmy Walker's dinner were O. C. Eugene, Mrs. Jim Ramsey and Mrs. Eugene. In center, l-r, are Mrs. and Mr. J. B. Floyd, Mrs.

Larry Gruber, Mrs. B. Dehoyos, Mr. Gruber and Mr. Dehoyos. Left are Mr. and Mrs. O. C. Dupree.

CLASSIFIEDS

FOR SALE

'63 4-wheel drive Scout in good condition.
Telephone: MI 5-1155

'66 Mustang, 6, standard on floor, new transmission, tires, battery, valve job and tune up. \$600.
Telephone: GR 2-0343

Pasadena Queens School area, colonial, 3 bedroom, 2½ bath, with 2 car garage separate from house, 5½% interest on existing loan.
Telephone: 473-6769

1966 Dynamic 88 Olds, good family and work car. \$750.
Telephone: 477-2278

TV, early American cabinet, 21", not working, \$5. Twin beds, solid maple, mattress & springs included, can be converted into bunk \$50. Upholstered chair, \$5. Student desk, mahogany finish, excellent condition, \$15.
Telephone: 1-591-3523

Chevrolet Malibu, 1966, reconditioned, engine, \$450.
Telephone: 473-3846

Anyone interested in Shell men's bowling league for shift workers, notify Buisson.
Telephone: 944-2183

'66 Ford Galaxie 500 power steering, power brakes, air conditioned, 390 engine, \$800 or best offer.
Telephone: 472-3167 or 477-3441

4 brand new 6.50 x13 tires.
Telephone: 738-3592

Good clean '67 Pontiac Tempest, 2 door hard-top, gold with black vinyl top, gold interior, 326-4 barrel, air conditioned, power steering, brakes, power seats, tilting steering wheel, AM-FM radio with reverberator, auto antenna, rear window defroster, wide ovals, see to appreciate, must sell--joined Marines. \$1650.
Telephone: 472-4989

Clarinet, good condition, \$50.
Telephone: 946-4759



Being served were Mr. and Mrs. V. D. Munson, B. E. Norwood, H. L. Blackmon, Mrs. Ramsey and Mr. Ramsey.

'63 Pontiac Grand Prix, overhauled engine, transmission; air conditioned, new brakes, \$300.
Telephone: GR 9-3528

'62 Falcon 4 dr. station wagon, excellent shape, excellent work car, air, heater, automatic transmission, \$300.
Telephone: 472-3187

1968 Pontiac Firebird, under 15,000 actual miles, radio, heater, air, power steering, priced for quick sale.
Telephone: 472-3187

WANT TO BUY

Flute in good condition.
Telephone: 479-1729

LOST

5 keys on brown holder, 2 gas keys.
Telephone: 738-3592

SEPTEMBER IS SAFETY SHOE MONTH, BUY A PAIR AND PERHAPS WIN PRIZE

Purchase a pair of safety shoes during September and become eligible for a prize.

Every Refinery employee who purchases a pair of safety shoes at No. 1 Warehouse during September will be eligible for a subsequent drawing for free prizes in the cafeteria.

Engineering Field employees will be eligible for one drawing and all other employees will be eligible for the other.

You do not have to be present to win.