The 11-man crew of a giant trailer takes a breather in the desert during transport of the 125-ton turbine van and the 65-ton control van from Wariyah to Turaif. In the front row (left to right) are Salman bin Sa'id Al-Ayish, Hamad bin Saleh, Khalid bin Abdul Karim, and Saleh bin Abdullah. In the back row are Suaib bin Muhammad, Doukhi bin Suleiman, Najeeb bin Abdul Rahman, B. E. Grimes, Nassir bin Salameh, and Rashid bin Ibrahim. The second member of the crew, was not available for the photograph.

H. E. CROSS JOINS 25-YEAR PIN GROUP

Marking twenty-five years of service with Tapline and affiliated companies, Mr. H. E. Cross (triply) was presented his five-star pin at Turaif by General Superintendent R. A. Prusinski, November 2. (Photo by R. K. Cross.)

TURBINES MAKE 900-KM TRIP

The spare turbine and control vans of the auxiliary pumping unit at Wariyah were transported in September to Turaif station, a 900-km trip. With the main gas turbine van weighing 125 tons, and the companion control van 65 tons, giant trailers were required to carry the units to Turaif. The big trailers used are massive fabrications of steel, 80 feet long and 26 feet wide, supported at the rear by four 36.00-41 tubeless tires and at the front by a load divider dolly equipped with four 21.00-25 tires. One Kenworth 853 tractor truck is used to tow the trailer, and depending on the terrain, either one or two KW 853 trucks are used to pull the load.

The gross weight of the turbine, trailer, and trucks is 740,000 pounds—which is probably close to a record for any

B. E. HULL PASSES AWAY

Mr. Burt E. Hull, 74, founder and first president of Tapline, from 1946 to 1951, suffered a fatal heart attack at Gaston Hospital, Dallas, Texas, November 8th. He had been hospitalized there for several months. Widely known as the "No. 1 pipeliner of the oil world," Mr. Hull was in charge of Tapline's construction from July, 1946, until his retirement on March 2, 1951. During World War II, he built the famed "Big Inch" and "Little Inch" lines from Texas to the East Coast of the USA.

A graduate of Texas A & M College, Mr. Hull gained his initial pipelining experience at Beaumont, Texas, in 1933, when he joined The Texas Company as a junior engineer. In March, 1938, he was elected president and manager of The Texas Pipe Line Company with headquarters in Houston. He also served as president and manager of The Texas Empire Pipe Line Company, the Kow Pipe

M. K. SAAB GETS HONORARY AWARDS

Three distinguished honorary awards, made by the Republic of Lebanon and the U.S. Forces between the 25th of September and October 16, crowned Mr. Mahmoud K. Saab’s "extra-curricular" summer activities. The

(continued on page 2)
After just ten months of regular attendance at Rafha's Development School, Hindi bin Saidoun completed the Basic Four elementary course—a test seldom parallelled in this area—is approximately three and a half times the normal rate of progress. (Photo by M. Jaouni).

The temptation to settle down and pursue his studies grew and grew until, before long, Hindi decided to forsake family tradition and embark on a career in the oil industry. He joined Tapline's ranks at Rafha on January 16, 1938 as a laundry operator. Today, he serves as cashier for the company's Aviation Division, and family of Kansas City, Mo., his mother, 96, two sisters and brother, C. B. Hull, Tulsa.

However, something interested Hindi more—something which prompted him to make marked progress. (Photo by M. Jaouni). Hindi decided that he completed the Basic course in just ten months. According to Parr, this is approximately three and a half times the normal rate of progress.

With pride, Hindi points out that he completed the Basic Four elementary course in just ten months. According to Training Coordinator K. E. Parr, this is approximately three and a half times the normal rate of progress.

A member of the bachelor group, eighteen-year-old Hindi lists reading as his favorite pastime. Spacewise, he plays soccer and table tennis. M. J.

**FOUR YEARS SERVICE PINS**

September

M. B. Houoed of Turaif

Yahya Jesus of Qamishli

I. Makking of Salim

M. B. Ghalay of Rodas

Abdel Rassul of Salim

Abdel Majed of Salah

Abdel Majed of Salah

October

J. Askhber of Badawi

M. B. Ghalay of Rodas

N. W. Ghaffar of Turaif

Y. S. Yassoub of Rafha

Hindi bin Saidoun thought the pattern of his life had been cut out for him right from childhood. There was no question in his mind of breaking away from that pattern of his life, with the company's Aviation Division, and family of Kansas City, Mo., his mother, 96, two sisters and brother, C. B. Hull, Tulsa.

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After just ten months of regular attendance at Rafha's Development School, Hindi bin Sa'doun, son of Mr. and Mrs. B. B. Siddique of Kansas City, Mo., his mother, 96, two sisters and brother, C. B. Hull, Tulsa.

Hindi more—something which
farmer or shepherd. The 150,000
incidentally, are scattered all
low in the footsteps of his fa—
about the profession he would
ed his vocabulary while teaching
the subject in Rafha's Develop—
ment School and he has increas—

In September, the Women's Group held a highly successful white elephant and bake sale. The 11-man crew which car—
ried out the transportation job
five KW 853's in the convoy.

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Group held a highly successful
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white elephant and bake sale. A
baked goods, prepared by the
wives in the community have
big turnout of the community
raif.'Three other new house—
ing to bid Mrs. L. J. Foreaker
Grimes, R. H. Lewis and H. L.
of presidency. Mrs. O. E. Ritter
took the vice—presidency while
Mrs. R. A. Prusinski became
Mrs. R. A. Prusinski became
than the public and in two hours
was placed out.
This is Sidon Terminal

This second pictorial review of the Sidon Marine Terminal covers the tank farms and shore control stations and manifolds, as well as a section of Communications.

The Marine division, which alone accounts for 100 company employees out of a total of 251 working in Sidon, will be reviewed pictorially in the November issue of the Periscope.

(Photos by Nasr)

Gauger Tyrih J. Geha starts off the gauging operation by taking a sample of crude from one of the storage tanks at K. Shava. Cargo Inspector, looks on.

Reading the temperature of incoming crude at Sidon Terminal's tank farm manifold is S. Zahar. Oil Tester.

Line pressure of crude entering Tapline’s Sidon terminal is reduced from 390 psi to 55 psi by diverting the stream through the pressure reducing station — which consists of twelve 6-inch, two 4-inch, and two 3-inch friction calcium with air-operated control valves.

The 100,000-barrel storage tanks at Tapline’s Marine Terminal are located on a hill approximately 300 ft. above sea level—permitting the crude oil stored there to flow by gravity to the tank farm manifold (background). Flow to the shore control manifold which regulates flow to four tanker berths, houses in the tank farm (foreground) are the breaching and header lines, the fire station, tank farm control house, harp and power house.

Behind the wheel of the terminal’s 32,000 fire truck purchased from the Horse Farm Apparatus Co. of Anderson, Indiana, is Fire Inspector Fouad N. Chamich. The brilliant red truck has a 1,000-gpm pump; high pressure hose reels, power megaphone and a portable electric generator.

In Sidon terminal's tank farm control house, Shift Foreman A. Faddoul receives a dispatch order via radio-telephone from the oil dispatcher's office in Beirut.

Reading the temperature of incoming crude at Sidon Terminal's tank farm manifold is S. Zahar. Oil Tester.
This aerial view of the shore control station shows (left to right) the bunker fuel storage tanks, the bunker fuel tanks held by the three 14,000-MB bunker tanks.

At the French tanker S/S Purfina Anglet leaves, one mile offshore, at berth No. 1 of Tapline, fuel remained the rated pressure of indicator No. 1 on the large hydraulic valve (left) indicates that the appropriate valve is open. These hydraulic valves can be closed by line pressure if a loss of power or other emergency occurs. The opposite, electrically-operated valves right, are used to control the loading rate and can be operated manually in case of necessity.

Mr. J. M. Schore

Calling Tapis, Lebanon, as port of origin, Youssef Elias el-Mour, the second newest to Tapline, who joined the hospital staff August 10, 1972, 22, he has completed two years of his nursing education at the Kennedy Memorial Hospital in Tapis, Mr. el-Mour expresses thanks, during September, we said goodbye to Mr. Roy L. Dow, of EBC, on return to the States after completing his assignment with the company. Roy will be greatly missed around here. His numerous friends wish him the best of luck in his new surroundings.

Mr. and Mrs. George F. Heide, of Chiah, welcomed the arrival of Mes. Martin, have already applied for a subsequent date.

Mrs. Saleh, Sa’ad bin Muhammad, M. B. Bdah, A. B. Mu’nabi, R. H. Putnams and J. A. M. Amer, prior to emplaning for Toufa, held a farewell dinner for Dr. and Mrs. J. A. Malak, prior to their departure to Lebanon on vacation.

Rafha by M. Jaouini

The break in the spell of hot weather, coupled with the elimination of Rafha’s family group, contributed to the ousstanding success of a farewell dinner party given in the open for Mr. and Mrs. J. A. Malak, prior to their departure to Lebanon on vacation.

Another dinner party-Lebanon style the time—was given by Mr. Mohammed Ayyash, who, in an extraordinary assignment here from Qatar Oil Company, worked briefly, was also from Qatar.

Rafha welcomes Dr. M. M. Tabbara, who arrived for a brief assignment at the hospital during Dr. Malak’s absence, as well as Scard Affanika, a new hire.

Back from memorable vacations in Greece are Wees, W. A. Kryz, A. B. Sanders, and H. Nekichel. Western Lebanon, on the other hand, was the vacation spot for Radio Operator Hussen, on temporary leave in Lebanon.

Nasser bin Mohsen who recently announced his marriage to Rafha’s, Mrs. and Mrs. R. A. Thomas and Dr. and Mrs. John Stang and Mr. and Mrs. John Doorhoof, welcomed the arrival of Mes. Martin, have already applied for a subsequent date.

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NY News

Miss Virginia Reading, who has been the Periscope reporter for the New York office, resigned from Tapline on August 25. Since then, Ginny has been visiting friends in England and traveling extensively on the Continent.

We extend a heartfelt welcome to Miss Rosemary Roth who transferred from Aramco on August 25 to replace Miss Reading. As of the coming issue, Rosemary will take over the duties of keeping Periscope readers informed of happenings in NYO and its personnel.

Art Vogel of Engineering was married, August 23, to Miss Elizbad Scholer. Mr. and Mrs. Vogel enjoyed a two-week honeymoon in Martha's Vineyard.

Back to duty from local leaves were Mr. and Mrs. G. J. Leaver and Miss Wilma J. Avant. The operation went so smoothly that the operation was rushed to the American Urological Center, New York City, for immediate care. Mr. R. G. Bell was considered the winner of the Qaisumah safety contest for September.

Mr. T. D. Pinckney, Manager of Operations, is recuperating satisfactorily at the Columbia Medical Center, New York City, where he underwent an operation on October 25th.

Badanah by Dore Sober

With the advent of autumn and comfortable weather, more Badanah residents have been vacation-bound. Among them were Mr. and Mrs. J. V. Tava, Mr. and Mrs. E. M. McGowan and Mrs. W. R. McConnell and children, who departed to the States with plans to winter in Florida. Before departure, Mrs. McConnell was honored at a farewell party, including a camp buffet given by Station Superintendent, Mrs. D. P. Harbin.

Lebanon was the place for leaves of Miss Salwa Nabi, Mr. and Mrs. Negar Nabil and Mr. and Mrs. Ziad Abou Rouba, who returned to their post as faculty members of the Beirut College for Women, following termination of her second three-month summer contract as a nurse at the Rose Hospital.

So watch out golfers, Qaisumah is bound to have new champs in the October month. The welcome mat is out for A. Yahya Gaitt and Mrs. A. Yahya Gaitt, Assistant Relations Representative, who was transferred from Rafha to the welcome mat is out for Nabih Gaitt and Mrs. A. Yahya Gaitt, Assistant Relations Representative, who was transferred from Rafha to the badanah's golfers are dusting off their clubs. The greens were recently treated to a face lifting when an unseasonable gust of wind hit the greens at El Crape.

Aramco Representative and Mrs. F. E. Emery who returned to Qaisumah from leave spent their summer in the same countries.

Another vacationer was Mike Araj who completed his leave on September 10. Before heading back to Beirut October 12, Mike toured Italy, France, Belgium, Germany and Austria, by train. Mrs. J. A. Sabri, of Badanah, has been on temporary assignment in the Government Relations Department during the absence of Mr. D. S. Dodge.

Word has been received that Mr. T. D. Pinckney, Manager of Operations, is recuperating satisfactorily at the Columbia Medical Center, New York City, where he underwent an operation on October 25th.

Qaisumah by M. S. Chehade

After a leave in the States, Mr. and Mrs. Paul Giram returned to Qaisumah at the end of August, leaving their son Gary behind to receive his "intellectual pursuits" at home. State-side, they enjoy a new hard-top Buick from New York through Colorado (where they spent a few days at Colorado Springs and Grand Junction), then to Las Vegas, winding up in sunny California. In the latter state, they took advantage of the favorable weather to sharpen up their golf on the greens of the Singing Hills at El Crape.

From there, they headed south to Mexico and then returned home to Houston, Texas where the couple is building a house beside the Houston Ship Channel. Preston, they are informed, does all his fishing there and claims to have caught, in one session, eighteen Channel catfish, each weighing more than four pounds.

The golf clubs brought back by the couple are reported to be worth more than five hundred dollars. So watch out golfers, Qaisumah is bound to have new champs in the October month.

The welcome mat is out for A. Yahya Gaitt and Mrs. A. Yahya Gaitt, Assistant Relations Representative, who was transferred from Rafha to the Qaisumah safety contest for September.

The Qaisumah welcome mat is out for Aramco Representative and Mrs. F. E. Emery who returned to Qaisumah from leave spent in Houston, Texas as well. It was a "Holiday in Rome" for Mrs. F. E. Samahs and W. K. Despains.

Other vacationers were R. Muhammad, M. Isma, T. Hwa, S. Abdul, A. O. Dubai and G. Van Luenen.

Back to duty after well-earned leave are Kasten Zanan, George Hanaei, Hussein Isma, M. Ali, M. Mebah, H. Mohay, W. B. Hunter, Omar Awadh and M. Hulsh.

The Operations and Rupines squad won the safety contest for the month of July. The group comprising the Adm. & Gen. Accounting, Communications, Gevel Roll, and Medical personnel was considered the winner of the Qaisumah safety contest for the month of August.

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