Z.C.C. Clubhouse Inaugurated

The sleek, chartreuse and dark green clubhouse of the Zahrani Country Club clubhouse stands basically complete, a lasting tribute to the persistence and ingenuity of the club's members and to international "Do-It-Yourself." Ever since the Zahrani golf course was laid out on the craggy slopes below Tapline's Sidon terminal tank farm in August, 1956, pioneer members have talked excitedly about building a clubhouse. And, more important, members have been doing something about it ever since, very often with their own bare hands.

Dreams of club promotions—bridges, dance, picnics—slowly but effectively built up a club building fund. By last February, after much study and debate, a building site behind the old No. 1 green had been agreed upon. And less than nine months later, a flag tournament and dinner dance officially opened the building site behind the old No. 1 green had been agreed upon.

All of the painting was done by members (William Cha- huam, of Charles Martin Co., plus a crew of off-duty mooring masters). Hours from official opening day, September 24, women members were hard at the laborious job of scraping paint from the many tiled areas, and in otherwise tidying up.

Some, notably Madame General Manager and avid golfer enamored Byrus Brown, contributed cement or other materials along with hard labor. Tapline supplied water and electrical lines. To add color to the gala opening ceremonies, Mrs. Martin Kharbey hand-sewed flags representing the nine nationalities of the club's members, and Mrs. Theodore Khouri hand-sewed a large club emblem.

As might be expected, the project was not without its hitches. A contractor engaged to do the tile work failed to show up and thus delayed the building. A contractor engaged to do the tile work failed to show up and thus delayed the building.

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Authors of the study are Preston P. Nibley, who presented the paper October 19 in the Main Hall of the Unesco Building, Beirut. Mr. Nibley is Manager of Operations, New York Office, while Mr. Dreier is Supervisor of Engineering and Operations, NYO. Mr. Dreier formerly was employed by National Bulk Carriers, a large tanker company, and has had considerable experience in working with transportation problems.

Preston P. Nibley delivers the paper, "Pipeline Economics and Technology in the Middle East," before the Second Arab League Petroleum Congress on October 19 in the Main Hall of the Unesco Building, Beirut. Mr. Nibley co-authored the paper with Donald W. Dreier, also of Tapline's New York staff. (Photo by Nasr).

Tapline's Competitive Position Stressed at Petroleum Congress

The competitive position of Tapline vis-a-vis tankers is definitively stated in "Pipeline Economics and Technology in the Middle East," the subject of a paper presented before the Second Arab League Petroleum Congress in Beirut.

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The paper points out that at present the world petroleum industry has excess capacity both to produce and to transport crude oil. These surpluses enable buyers of oil to select the particular means of transportation which will provide the lowest-cost service. Buyers further enable the buyers to choose between the various sources of production, with their associated means of transportation, to supply a particular market.

The paper concludes:

"Transporters are the only large-capacity means of crude oil transportation which can compete, in terms of cost, with Tapline. The evolution of the very large pipeline system in the Middle East has enabled Tapline to produce at low levels. In effect, the most efficient tankers have set the charter rates and the old T-2 tanker which formerly served
BURGESS JOINS ESSE ARGENTINA
The following letter was received from William H. Burgess, Tapline Superintendent—
Pipeline Repair, who spent most of his nine years service in Saudi Arabia and who now is on loan to Esso Argentina Inc. in South
America.

Sentinel, Argentina, October 6, 1969
Mr. Nicholas Haj

Dear Sir:

First of all, my family and I wish to thank you and all our Tapline friends, for your efforts in plan-
ing the very successful visit of the representative of the Standard Oil Company of New Jersey, Esso
Argentina, Inc.

Arrived in New York July 14 and talked with Mr. F. C. Kel- lough, who informed me no job opening had developed to date. The meeting of July 15, Mr. Ketchum called me at 9 o'clock, and asked if I could be ready to go to Argentina by Au-
 gust 1. I flew and visited several companies and was invited to the office of Walter E. Locher, Vice President of Opera-
tions, in October, 1958.

A thirty-year-old bachelor whose absorbing interest is "to serve," Nick has devoted much of his time to helping others. In eight years of part-time teaching at the Monticello Institute, he has helped graduate some 500 stenographers, including a num-
ber of Tapliners—Nazar A. Han- num, of Public Relations; Karen Y. Boulou, of Administration & General; Eads, Edward N.; Frey; Purchas and Traffic; and Samira Abdellah, of Poli-
cies and Benefits.

Nick's knowledge of shorthand is such that he was able to correct a number of anomalies in the recent Gregg Short-

Nick's principal hobbies are reading and music—light classics and mysteries. To his mind, the ingredients of success for a sec-
tary are "orderliness, accuracy, and a good memory." Right answer to the secretarial and marriage are foremost in his thoughts. "Next to my work, the most enjoyable time is being honeymoon in Europe."

OIL CONGRESS HEARS NIBLEY

(Continued from page 1)

As the standard of the industry is raised, the equipment is improved on larger ships. Such low rains en-
able the owner companies and the pipeline operation to choose between the lowest in cost and the most modern equipment. In this period of extreme compe-
tition for the right of way, it is of vital importance that the probe is mounted on the pipeline and extends into the surrounding soil. This sensitivity would depress the potential re-
venue which might accrue from the pipeline operation to both the owner companies and the governments concerned.


Children's Ward Added, Clinic Enlarged At Badanah Hospital

Remodeling of Tapline hospi-
tals to provide more efficient use of space is moving toward completion at a good pace. At the Badanah Rose Hospital, where a number of interior changes were started in May, modifications costing about $61,000 are reportd complete. Improvements include changes in the administration area, the addition of a children's ward and the enlargement of the women's ward and clinic.

Water Monitors Boost Efficiency of 'Line; Check Basic Sediment

Basic Sediment and Water Monitors, recently installed at Tapline in Saudi Arabia, have been added to move to increase Tapline effi-
ciency in operation. Developed and patented by Gulf Research and Development Co., the B. N. & W. Monitors were purchased from Instruments Engineering Co., Inc., Toledo, Ohio. Basically, the monitors will continually inspect the basic sediment and water content of crude oil being pumped out of the two stations. The sensing element of a monitor is a fixed pressure capillary called a "probe." Sensing changes in the density, constant, i.e., the measurable absolutely density of a fluid, the probe is mounted on the pipeline and extends into the flow of oil. Dielectric constants of the probes are about 2.1, while that of water is 80. The probe is built of stainless steel. It is of "T" shape and is extremely accurate and reliable. In the event that contaminated oil is being pumped past the probe, the monitor will activate a control and send a light signal to a panel in the control room. In such a case, the station's field foreman will advise the dispatch-
er to check for the source of the contamination.

Basic Sediment and Water Monitors are highly accurate. They are calibrated to detect 0.1% of one per cent of water contamination.

The CRADLE ROW

Boraq
Sarit, son of Mr. and Mrs. Mi-
didah Queswain
Jordin, son of Mr. and Mrs. Ab-
dallah Muhammad.

Khaledine, son of Mr. and Mrs. Tefwol Abinane

Ahmad, son of Mr. and Mrs. George Y. Saad.

A Federally recognized idealistic stelnurse and wife of military and a husband, John Nibley, was killed last spring when his Piper Aztec crashed in the Jordan desert. The Nibley's two children, John and Abby, remain at Badanah Hospital in Jordan with their aunt and uncle, Mr. and Mrs. S. Bado. (Photo courtesy of Tapline Limited.)

Labor and the tax dollar. In such a case, the pipeline almost certainly would be used only as a mecha-
nical source of transportation in such cases. Such marginal usage would depress the potential re-
venue which might accrue from the pipeline operation to both the owner companies and the governments concerned.

In 1969, Tapline has purchased a complete trailers camp. This allows the customer requiring trans-
portation of oil to have a complete trailers camp. This allows the customer requiring trans-
carried out over the entire length of the pipeline. The probes are automatically checked and rechecked for accuracy.

Truck drivers receive basic training to ensure that they are familiar with the pipeline equipment in each country they serve." Nick has devoted much of his time to helping others. In eight years of part-time teaching at the Monticello Institute, he has helped graduate some 500 stenographers, including a num-
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venue which might accrue from the pipeline operation to both the owner companies and the governments concerned.
This is Your Neighbor

MEDRECO REFINING, 12,500 BPD

Since it started operations in January, 1955, the Mediterranean Refining Company (Medreco) has worked closely with Tapline in producing a substantial part of Lebanon's refined petroleum products requirements.

In ownership, the two companies are entirely separate corporations, although they have some shareholders in common. Medreco is owned jointly by Calon (which is owned jointly by the Texaco Inc. and Standard Oil Company of California) and Socony Mobil Oil Company. Texaco and Standard Oil Company of California each owns 30 per cent of Tapline, while Socony Mobil Oil owns 10 per cent.

Operationally, Tapline and Medreco work in close cooperation. Medreco's carefully managed 77-acre refinery area lies some 300 meters south of the Tapline's Sidon terminal. Through a 10-inch pipeline, about 12,500 barrels per day of crude oil (from Saudi Arabia) is transported by Tapline to Medreco for refining.

Medreco daily produces some 5,000 barrels of bunker fuel and inland fuel for industry. Through its underwater lines, Tapline loads the marine fuel onto many of the ships calling at Sidon to take on cargoes of crude oil.

More important is Medreco's supply of other refined products vital to Lebanon's fast-growing economy—liquefied petroleum gas (LPG), premium gasoline, kerosene, and automobile diesel and fuel oils, land and marine. Some 150 to 160 tank trucks per day call at the Medreco loading platform to transport these products north and south. Other loads are carried periodically by train to main power plant and cement factory outlets.

Medreco's physical plant is impressive. Its modern refinery, designed to fit Lebanon's needs, includes a crude distillation unit, two catalytic reformers, a treating plant and textarea lead additive facilities.

The refinery is virtually self-sufficient. Its powerhouse, containing four generators and two steam boilers, produces all Medreco's power requirements. A modern shop and local crafts area is capable of meeting all the refinery's maintenance needs.

Like its neighbor Tapline, Medreco depends principally on nationals. Of Medreco's 258 employees, 252 are Lebanese.

Laboratory experts test Medreco's gasoline for antiknock qualities. The refinery is producing 85-octane gasoline. Pictured are Habib Khayat (left), octane operator; and Ghaleb Ali Ahmed, assistant technical services supervisor.

Medreco's storehouse stocks about 12,000 items carrying an inventory value of $350,000. This inventory includes many other supplies, contributing to Lebanon's economy. On ladder is Ramzi, Baptist, store counterman.
Qaisumah

There is an air of quiet around Qaisumah station due to the absence of Mrs. Louis J. Foreaker, who moved to Rafha in mid-September with son Louis Jr. and daughter Ginnie. Qaisumah’s only two youngsters will be attending the Senior Staff School there this fall.

Back from a holiday in Chief Cook Salih Salter, who has brought his wife and daughter to live in Qaisumah town.

Congratulations to our Lead Social Worker, Miss Nazzal, who is the Graduate of the American University in Beirut. Miss Nazzal had the pleasure of attending the American University in Beirut for the summer session and for the Fall term. Miss Nazzal has completed her course and has been awarded a Bachelor of Science degree in Social Work.

Badanah

Miss Nijmeh Nazzal
Augusta Victoria Hospital School of Nursing, Mr. Jamal-Eddine, brought his wife and daughter to Badanah. Miss Nazzal is a graduate of the American University in Beirut, and her husband is a graduate of the American University in Beirut. They have been married for three years, and they have a son named Jamal.

The Women’s Group in Badanah also had their own party, which was hosted by Mrs. Hill and daughters, who entertained the guests with a delicious seafood dinner. Mrs. Hill and daughters are from the United States and were visiting Badanah for a short assignment at Tapline’s site.“Slim” and his staff were also present at the party, along with other guests from the community.

Another short assignment was carried out by the Women’s Group in Badanah. Mrs. Hill and daughters, who are from the United States, were entertained by the Women’s Group with a delicious seafood dinner. Mrs. Hill and daughters are from the United States and were visiting Badanah for a short assignment at Tapline’s site.

Sidon

Congratulations to Miss T. A. Jamal-Eddine, who graduated from the American University in Beirut in April 1961. Miss T. A. Jamal-Eddine is the daughter of Mrs. T. A. Jamal-Eddine, who is a graduate of the American University in Beirut. Miss T. A. Jamal-Eddine has completed her course and has been awarded a Bachelor of Science degree in Social Work.

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The best of luck to Assistant Foreman—Pipeline Repairs and Mrs. Everett S. Tracey and Mrs. Abrahim A. Brickhouse is in the States on an emergency trip, due to the serious illness of her father. Captain Chas. G. Pecin has returned to the terminal after successfully undergoing surgery in Italy.

Dr. Kamal S. Salamah, of Beirut headquarters, relieved your reporter during his holiday in Lebanon's summer resorts.

Fifteen students of various nationalities answered the call to Tapline's Tapline school for children at Sidon. They will be studying under the tutelage of Misses Mary Maroun and Sami Fayyad.

Ole Nauras, son of Capt. and Mrs. Melvin N. Nauras, is a freshman at A.U.B. this year, after transferring from the Louisburg School, Massachusetts.

The Beirut office is undergoing considerable revision. Offices are being rearranged on the ninth, seventh and ninth floors to permit moving out of the fifth floor, which could be sublet.

**Beirut**

Borrowed from the U.S. Information Service, a film of the first television debate between President Kennedy and Premier Nasser was shown at the Tapline Sport Club on October 7 and the Zahn Art Auditorium the following day. In Beirut, on the same day, there was the annual meeting of the executive committee of Radio Lebanon. For Nasser, 10; for Kennedy, 20; tie, 8.

Captain G. H. Ghaddar of the Tapline Petroleum Company was invested moving out of the fifth floor, which could be sublet.

**AFM KHALILFAH DIES SUDDENLY**

Mr. Amin Yacoub Khalilh, Translator, Beirut Government Relations, passed away from a sudden illness on September 28. Born in Amman, Lebanon, 15 years ago, Mr. Khalilh was an associate with Tapline since September 13, 1948.