To All Employees:

Just fifteen years ago the first tanker left Sidon Terminal with a cargo of Saudi Arabian crude oil destined for western markets. Today, over one billion eight hundred million barrels of oil and eleven thousand million barrels later, we can look back upon this long period of uninterrupted performance of Teplin and its people with pride and satisfaction.

The year 1966 has been one of particular significance. It has been not only a record year for deliveries of crude oil, and a year of unusually heavy commissioning activity, but it seems to me that it has also been a year of stability. I have been impressed by the morale and cooperative manner in which every department has responded to the increased levels of activity, and I have been equally pleased to note the continuing search for improvements.

I like to think that the continuous search for the better way is a hallmark of Teplin and Teplinians. It is an attitude of which we can be proud and which enables us to face the future with confidence that there will be further improvements and further gains in the organization's capability.

It is with this spirit of confidence that I extend to you and your families, and to all the friends of Teplin, my most sincere Holiday Greetings and wishes for a prosperous and happy New Year.

[Signature]
GROUND BROKEN FOR CONSTRUCTION OF TWO STORAGE TANKS

Present plans call for the new tanks to be completed and ready for use in the late summer of 1966.

The new tanks will be located northeast of the present Tank Farm, on land purchased several years ago for possible Tank Farm expansion. They will tie into the present Tank Farm manifold by extending one of the existing 36-inch lines.

The additional storage capacity is expected to offer several important advantages in the operation of the pipe line. Occasions frequently arise during long port closures caused by winter storms when pipe line throughput must be reduced because of full tanks at Sidon. These occasions should be much less frequent after the additional storage is in service. Also, following long port closures there have been frequent occasions where the large number of tankers standing by during the storm have rapidly depleted the available crude when the storm was over and loading resumed. Tundra arriving thereafter frequently sustained long and costly delays while awaiting crude oil. The additional storage is expected to reduce such delays, thereby improving the turnaround time of tankers calling at Sidon, and thus maintaining the position of Sidon as an efficient loading terminal.

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OPERATING PLANS, EMPLOYEE DEVELOPMENT REVIEWED HERE

An Operations, Communication and Coordination meeting was held in Beirut Dec. 13 through the 17th.

The meeting was arranged to provide:

1. Information Sessions to brief those in attendance on the functions and activities of the various departments and on the number of programs, studies and projects.
2. Employee Development Conferences to bring better understanding of employee development through a conference type of meeting and to clarify programs, results, procedures, objectives and policies through the conference method.
3. Operations, Coordination and Information Sessions, where each superintendent briefly outlined the highlights of his operating plans for 1966.


ASPHALT PRIME SPREAD WILL BE AT MIDPOINT TO TURAIF BY YEAREND

As of Dec. 13, progress on the Road Improvement Program was as follows:

Earthwork: Km. 425
Asphalt Prime: Km. 412
First Armor Coat: Km. 352
Second Armor Coat: Km. 194

The RIP crew had reached the midpoint of the 826-kilometer pipeline route on Nov. 10. Before the year is over, the asphalt prime application will also be past the midpoint.

The company estimated to improve the entire 826-kilometer main line road between Qusaimah and Turaif shortly after signing a new agreement with the Saudi Arabian Government in March 1965.

By Dec. 1, more than 350,000 metric tons of crushed material had been produced and about 90,700,000 U.S. gallons of water and 2,436,448 gallons of asphalt had been consumed.

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NEW "OWNERS" OF TAPLINE

Mary Ann Nair (left) shows her sister Genevieve their stock certificate of Standard Oil Company of California. Received on November 15 as a fiftieth birthday present for her parents, Mr. and Mrs. F. W. New, it completed her collection of stock certificates of each of the seven companies of Tapline. (At bottom of picture are W. R. Chandler, President of Standard Oil Company of New Jersey, Texas and Saoudi Mwal. (Photo by Nair)
PIPELINE PERISCOPE

New Operations Records Are Set

Several Tapline operations records were established in November and early December.

A. M. el-Saker of Dining Room.

I. Khalil of Community Services.

Hilal Abdul-Aziz of Operations and Repairs—Pipepoles.

Information matters reported in this column is compiled from and based on reports recently published in the frequently monitored data of Petroleum Intelligence Weekly, Journal of Commerce, Oil Daily and Oil Trade Association.

Largest Gas Sale

A major Canadian Oil Company (New Jersey) and of Nafta’s ENI have just made a 20-year contract for the sale of 735 million cubic feet per day of Libyan liquid natural gas, first shipments of which are expected in 1968. Jersey Standard has also made a similar contract for 110 million cubic feet per day with Cadena de Gas de Spain. This represents the largest international sale of liquidized natural gas in history, with an energy equivalent of 89,000 barrels a day of crude oil.

Before this huge sale would take place, however, a number of months of research and engineering redesigning will be needed to optimize the transportation system, which is in being put together for this purpose. This transportation system, which is now in the middle stages of completion, will be able to produce and compress the gas in the field, and pumping it through a pipeline to the desert area, from which it will be piped offshore. This gas will be stored on two pipelines, and in storage tanks, to be used for future transportation. The gas will be used for sale to industries in the Middle East, and if successful, will expand to include other parts of the world.

TURAFI TAPLINER PASSES AWAY

The Tapline community conveys its deepest sympathy and sincere condolences to the bereaved family, friends and colleagues of Turaif’s Electrical Engineer, Mamlouk Salem of Badanah, who passed away at the age of 30 at Badanah hospital on Nov. 16, following long illness. He had joined the company at Turaif in August, 1958.

On Nov. 21—22 an information exchange meeting was held at Turaif to discuss problems and plans with regard to station, pipeline, Operations, and Repairs—Pipepoles.

The store auxiliary pumping unit was installed at Turaif in November and operated at Shubah, starting Dec. 1. (Photo by Nasr)

Employee Counseling

A Tax test to give you a definition of employee counseling and it’s a good bet that most of them would describe it as being “chewed out by management.” This is unfortunate. Effective counseling is not administration, warning or reprimand. It is a friendly, business-like exchange of information between an employee and his superior. It is guided by the supervisor for the specific purpose of improving the employee’s knowledge or a subject related to his employment. It is a private matter. It includes listening as well as talking.

To be sure, counseling must have its share of adverse approaches and in so many cases it is criticized. However, counselors are always a lot more patient when it is balanced by a pat on the back.

Operation Report

November Year 1968
Average BPD received at Sidon Shusha
Shubah
Shubah
Shubah

Average BPD received at Shubah,Sidon,Shusha

Average BPD received at Shubah,Shusha,Shubah

Average BPD received at Shubah, Shusha, Shubah

All time records

Deliveries from Sidon were estimated to average 498,000 barrels per day during the past two years.

By 1968, however, the situation will have reversed itself and tankers will again be in “shortage” short supply. In 1968 the world tanker fleet will approach 105.2 million tons, a 2.3 percent hike over 1966 levels. But over the two year period tanker demand will have increased almost 20 percent, thus pushing the tanker surplus will have been cut back to a reasonable 7.4 percent.

IN THE NEWS

The world tanker industry is in for a continued period of low charter rates, according to a new study by Independent Tanker Transport of London Ltd. The study points out that whereas some ten years ago as many as 45 tankers in service had to be minimized because there were no tankers available for immediate delivery, and only a few new tankers have been ordered, the tanker situation today shows that shipping is well supplied with available tankers.

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CUTBACK

U.S. Defense Secretary Robert McNamara has ordered a sharp cutback in the huge volume of oil his Department has been buying to maintain a reserve of oil in the face of any possible emergency.

The depletion of the reserve is an important matter of concern to the Government, and we will continue to take action to maintain our reserve as a hedge against any possible emergency.

The decision to cut back follows a recommendation by the Secretary's Advisory Committee on Oil Policy, which said that the United States needs to maintain a reserve of oil in case of emergencies.

However, the Secretary has also said that the United States will continue to purchase oil in the open market to meet its needs and to maintain our reserve as a hedge against any possible emergency.

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Looking much like a modern mechanical monster, Tapline’s KW-Dart hauls the 80-ton trailer and 125-ton turbine van across the desert. Four of a convoy of five vehicles which accompanied “Little Bill” on its Turaif-Shubah voyage are seen behind.

MECHANICAL MONSTER ON THE MOVE

Crew of the giant trailer takes a breather in the desert during shipment of the 125-ton turbine unit from Turaif to Shubah.

Central Garage Supervisor Hamed Salah checks alignment of trailer runways with those of turbine base.

Air compression is used to jack the turbine trailer, placing its runways in line with those of the turbine foundation.

Crew makes necessary alignments to unload turbine van at Shubah.

Crew assists in lining runways of trailer with those of turbine base.

Draksh Salah places pneumatic jack in position under turbine trailer.

The Dart’s great rubber counpoundred up the pipeline road.

Turbine van is ready to be pulled down from trailer into its foundation at Shubah.

Crew makes necessary alignments to unload turbine van at Shubah.
**PIPELINE PERISCOPE**

**HARDWICK BLANKS GOLFERS IN TURAIF’S OPEN INVITATIONAL**

Chuck Hardwick walked away with top honors at the Open Invitational Golf Tournament played on Turaif’s Never Greener golf course, Nov. 11 and 12.

Executing good form during the 36-hole event, he shot a winning low gross of 148—five strokes under Ahmad Said of Badanah (153) and two under El Ritter of Qaisumah (150). All three players were deadlocked with 78 strokes each for 18 holes during the first day of play.

Hardwick’s 12-point handicap for 36 holes gave him low net honors with 138. MacKay Mohlin’s 10-point handicap earned him second place, low net, with 127. Jean Obeid finished third, low net, with 138.

For the women, Mrs. E. R. Robertson of Turaif was the low gross and low net champion of a lot of three participants. Mrs. J. H. Rosquist outscored Mrs. C. S. Babb for the runner-up position.

Arriving in Turaif Nov. 10, entrants from Qaisumah, Rafha and Badanah were met at the airport by C. S. Babb, J. L. Koenreich and Dr. Maurice Baroody. They were then entertained at coffee by the J. H. Rosquists.

Later in the evening, all participants in the invitational tourney were entertained at a pot-luck dinner by Mr. and Mrs. A. M. Christman. The setting, food and service were excellent.

A bridge session was held the same evening at the L. T. Norton’s for all who wished to play. The winners were G. Creamer and Rafha and Mrs. Norton. J. L. Koenreich and Mrs. Christman finished second while M. A. Kearney and Mrs. G. M. Gysen earned consolation prizes.

Thursday evening, Nov. 11, an Indonesian dinner was held at the home of Mr. and Mrs. J. H. Rosquist. The dinner was prepared by Jerry De Koning and Peter Muntz and the dessert by Mrs. R. L. Crosthwait of Turaif dwarfs Badanah’s J. A. Abu-Khalil, Badanah 291 231

J. L. Koenreich and R. L. Christman of Turaif dwarf Badanah’s J. L. Koenreich, who found the course of appropriate length and tapped the ball in the 25th hole on his 291st stroke at Turaif’s Open Invitation, Nov. 11-12.

The scores:

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<tr>
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<th>Low Gross</th>
<th>Low Net</th>
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<tr>
<td>C. H. Hardwick, Badanah</td>
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<td>138</td>
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<td>Ahmad Said, Badanah</td>
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<td>E. Ritter, Qaisumah</td>
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<td>M. Moussa, Badanah</td>
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<td>C. S. Babb, Turaif</td>
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<td>G. Creamer, Rafha</td>
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<td>Dr. M. Brancardi, Turaif</td>
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<td>M. A. Kearney, Turaif</td>
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<td>J. V. Turner, Rafha</td>
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<td>R. L. Crosthwait, Turaif</td>
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<td>M. Mohammad, Turaif</td>
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<td>J. H. Rosquist, Turaif</td>
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<td>Jean Obeid, Turaif</td>
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<td>A. Baluchi, Badanah</td>
<td>189</td>
<td>165</td>
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<td>J. L. Koenreich, Turaif</td>
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<td>M. A. Kearney, Turaif</td>
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<tr>
<td>L. T. Norton, Turaif</td>
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<td>173</td>
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<tr>
<td>J. L. Koenreich, Badanah</td>
<td>219</td>
<td>137</td>
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<tr>
<td>J. A. Abu-Khalil, Badanah</td>
<td>291</td>
<td>231</td>
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**SAFETY AT HOME: WATCH OUT FOR “DETERGENT GASES”**

(This article is a reprint from the "Targets for Safety" bulletin published by the Greater New York Safety Council, Inc.).

Recently a peculiar type of accident struck two households undertaking a household chore in separate locations but under similar circumstances. Both were using an ordinary toilet cleaner, des- tricted with the way stains were being removed, each decided to add household bleach and stir the mixture with a brush. As a result, one died quickly—the other died slowly.

Toilet cleaners containing lye, chlorine bleach and ammonia.

What occurred in each of these cases was the generation of a poisonous gas when the user decided to combine two or more cleaning agents commonly found in almost every household. The addition of the old familiar chlorine bleach to an acid or acid-producing substance, such as a toilet cleanser or just plain vinegar, will suddenly release a quantity of toxic chlorine gas. Similarly, when it is mixed with other alkaline matter—ammonia or lye—the chemical action liberates a highly irritating gas. If inhaled, these fumes can cause serious injury and possibly death. Don’t make the mistake of attempting to combine such products on a kitchen shelf. A combination will do the job better. On the contrary this may be not only a waste of time and effort by producing poorer results through neutralising or diluting one another, but may prove diametrically opposite.

Sticks to the safe rule: read the label carefully and follow the manufacturer’s instructions exactly. Keep in mind that modern scouring powders often contain chlorine bleach.

Bleach, as well as other alkaline cleaners, is dangerous when in contact with the skin or eyes. This is true of even the most innocuous products. They may cause severe injury and danger to the skin and eyes. Keep in mind that modern scouring powders often contain chlorine bleach.

Emotionally, a peculiar type of accident occurred when a housewife in the United States used a bleaching agent to whiten her clothing. The agent was a mixture of sodium hypochlorite and sodium peroxide. The result was a disastrous fire that destroyed the house and killed several people. The agent was called "Detergent Gases," but it is not a gas in the usual sense of the word. It is a mixture of two substances, sodium hypochlorite and sodium peroxide, which when mixed with water, form a highly toxic gas.

Don’t mix bleaching agents and toilet cleaners, or ammonia, or lye, or rust remover, or vinegar, or even toothpaste. The result will be a dangerous mixture of toxic gases.
Qaryatain
Amman Office Supervisor John R. Franjich visited Qaryatain Nov. 28. He is expected back in the field in early January.

Turaif
Mrs. M. A. Kearney has arranged a weekly bridge session for the ladies of Turaif on Saturday afternoons for all who are interested in playing and learning.

Mrs. M. A. Kearney returned to Turaif after a stay in Beirut with her family.

Mr. and Mrs. M. Namer returned from vacation Amman and Jerusalem, and took several trips to Damascus. It was a pleasant vacation as they saw many of their friends and relatives. Mrs. George Farah held a coffee in her honor, and Mr. and Mrs. L. R. Crowbush held a dinner in honor of the Naimers and Dr. F. Elia, who was here on business for a week.

Abdallah Fahad, station laboratory and X-ray technician, returned from vacation, which he spent in Egypt and found most enjoyable.

The Monthly Golf Medal winners for October were Mrs. J. H. Rosquist for the men and Mrs. J. L. Henderson for the women.

The Nearer of the Ringette tournament, which ran from Sept. 28 through Nov. 1 were Mrs. J. H. Rosquist (with a score of 55.8) and the ladies in the division won by Mrs. H. Arnold and Mrs. D. H. Sato with a score of 60.00. Miss. Mrs. L. R. Amor recently made an overnight trip to Badanah, where they were the guests of Mr. and Mrs. W. R. Pickard.

Thursday's Board of Supervisors dinner was attended by Miss. Mrs. E. L. Wood, who is being relieved by Khalil Jalil-Khalid at Qaisumah during the month of November.

Turaif station takes place winners R. M. Sennar, F. Atmajani, F. M. Tame, L. Cockell and A. L. Barker of Beirut who have recently been assigned to Tapline.

Mr. and Mrs. Mansour were entertained at a welcoming party hosted by Senior Engineer—Road Construction Elwood Gray.

Mr. and Mrs. Chryssostomos were entertained at a dinner party given by Station Superintendent and Mrs. John H. Hawit and Samir Alba celebrated the birth of son Khaled.

Mr. and Mrs. Saud Dabbagh organized a successful outing to the desert Nov. 11. All Lebanon families and bachelor part in the function.

During previous leaves, Miss. Mrs. L. T. Norton has held a coffee at the home of Mrs. Norton to introduce Miss. Mrs. L. T. Norton to the new arrivals in the division. Miss. Mrs. L. T. Norton and Mrs. J. H. Rosquist have attended the Nearer of the Ringette tournament, which ran from Sept. 28 through Nov. 1 were Mrs. J. H. Rosquist (with a score of 55.8) and the ladies in the division won by Mrs. H. Arnold and Mrs. D. H. Sato with a score of 60.00. Miss. Mrs. L. R. Amor recently made an overnight trip to Badanah, where they were the guests of Mr. and Mrs. W. R. Pickard.

Mr. and Mrs. W. R. Pickard hosted a farewell dinner for their friends on Nov. 22. Bill and Mrs. Dick Rost have always provided good music and delicious food on the many times they have entertained their guests, and this evening was no exception.

Tours started recently for Sa'id Thani, Mr. and Mrs. Ahmad Shami, and Mr. and Mrs. M. A. Kearney. They were also the top scorers for the semi finals of the men's singles and to the finals of the mixed doubles. H. Janotta went to the semi finals of the men's singles and to the finals of the mixed doubles.

Mr. Richard °bridge among six of the families was held at the home of Mr. and Mrs. L. B. Allen in Damascus. Miss. Mrs. L. R. Amor recently made an overnight trip to Badanah, where they were the guests of Mr. and Mrs. W. R. Pickard.

When there were several Thanksgiving dinners held among the families while others enjoyed a family dinner.

Mr. and Mrs. Mr. and Mrs. M. A. Kearney recently held a coffee at the home of Miss. Mrs. L. T. Norton, and Mr. and Mrs. J. H. Rosquist have attended the Nearer of the Ringette tournament, which ran from Sept. 28 through Nov. 1 were Mrs. J. H. Rosquist (with a score of 55.8) and the ladies in the division won by Mrs. H. Arnold and Mrs. D. H. Sato with a score of 60.00. Miss. Mrs. L. R. Amor recently made an overnight trip to Badanah, where they were the guests of Mr. and Mrs. W. R. Pickard.

Visiting the hospital for lectures and to the finals of the mixed doubles, Mr. and Mrs. Ahmad Shami, and Mr. and Mrs. M. A. Kearney.

Another returning vacationer is Mike Khalil.

Badanah
General Superintendent M. A. Kearney and Mrs. L. T. Norton visited Badanah on Nov. 21. During their stay in the station, Mr. and Mrs. J. L. Robertson held a farewell dinner for their friends.

Mr. and Mrs. M. A. Kearney hosted a farewell party at their departure to their Invocation in both the semi finals of the mixed doubles, Mr. and Mrs. Ahmad Shami, and Mr. and Mrs. M. A. Kearney.

Qaisumah
Mr. and Mrs. M. A. Kearney have arrived here Dec. 5 on a one-week business trip to Jordan in early December.

N. Nasser and Mrs. R. L. Crosthwaite held a coffee in their honor, and Mr. and Mrs. J. L. Stephens held a farewell party for Mr. and Mrs. W. R. Pickett for a business trip to Jordan.

Mr. and Mrs. J. L. Stephens held a farewell party for Mr. and Mrs. R. L. Ames. Top winners of the Ringer Tournament were Sa'id Thani, Mr. and Mrs. Ahmad Shami, and Mr. and Mrs. M. A. Kearney.

Sa'id Thani, Mr. and Mrs. Ahmad Shami, and Mr. and Mrs. M. A. Kearney gave dinners held among the families while others enjoyed a family dinner.

Mr. and Mrs. Ahmad Shami on the birth of son Khaled.

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Tapline's newly-acquired KW-Dart, the largest tractor-truck model in the world, was put to use for the first time in late November to move an auxiliary pumping unit turbine van on a giant trailer from the Central Shop at Tunst to Shubah.

The 676-kilometer desert trip from Tunst to Shubah started Nov. 27 and ended Nov. 30.

The mammoth, 50-ton, diesel powered vehicle handled the 80-ton trailer and 125-ton turbine van with relative ease, averaging 14 to 15 hours of travel a day at the average speed of 24 kilometers per hour on the asphalt-treated section of the main pipeline road and 15 KPH on the non-treated section.

Equipped with twin radiators and drawing upon a 700 horsepower Cummins engine, the truck is 35 feet long, nearly 15 feet wide and over 14 feet high. It uses 1800 x 33 32-ply tires.

Capable of hustling at a maximum speed of 44 kilometers per hour, the three-axle truck has full power-shift transmission; six forward and one reverse speeds; air operated brakes; hydraulic gear steering with complete mechanical linkage for safety; a three-point rubber mounted cab, offset to left and 50 inches wide; and full tanks with a capacity of 600 U.S. standard gallons.

Its use in late November to haul the 6,000 horsepower gas turbine driven pumping unit and trailer from Tunst to Shubah resulted in a 60 percent cut-down in transportation time, a 50 percent reduction in equipment and a similar percentage cut-down in manpower.

Actually, a seven-man crew, led by Superintendent Transportation W. R. Pickett, and a convoy of five vehicles accompanied "Little Bill" on its first operational voyage across the desert.

The accompanying convoy comprised a grease and fuel truck, a compressor truck, a power-wagon equipped with an A-frame, one pickup and one sedan.

It is anticipated that the crew will eventually be reduced to six when the grease and fuel and compressor trucks will be combined into one, thus cutting down the number of accompanying vehicles to four.

It is also expected that the Dart will be used by two crews on a 24-hour basis in future hauls. Once the Road Improvement Program is completed, this would enable "Little Bill" to average 460 to 500 kilometers per 24 hours, against an average of 360 to 400 kilometers during the same period on the road now.