ROAD IMPROVEMENT PROGRAM IS PROGRESSING SATISFACTORYLY

Asphalt treatment of the existing 817-kilometer pipeline road between Qaisumah and Turaif is progressing at a satisfactory pace.

By mid-August, the Road Improvement Program crew had applied the first armor coat on 115 kilometers westward from Qaisumah. The prime coating had been applied on 120 kilometers; initial shaping and grading had been completed on 122 kilometers and earth work had gone as far as 130 kilometers.

Asphalt distributor of 2,200 gallon capacity primes surface pipe sprayer.

Finished asphalt-surfaced width of the road will be 24 feet. Both sides of the road will have graded shoulders.

Surface treatment of the road got underway at Qaisumah last February. Barring unforeseen delays, it is expected to be completed within a period of three to four years.

Current efforts are centered on asphalt surfacing the 300 kilometer Qaisumah-Rafha stretch by early 1965.

Several Saudi Arab contractors have been engaged by Tapline in this program, surveying the road, and hauling crushed material, water and asphalt.

Asphalt distributor of 2,200 gallon capacity primes surface of pipeline road with cut-back asphalt through 33 ft. pipe sprayer.

Now 14 years old, the pipeline road accommodates a heavy flow of traffic, both commercial and for pipeline operation. Built to support the original pipeline construction and its subsequent maintenance and protection, the road has, by virtue of its geographical location alone, become a vital artery providing commercial trucking access to the Arabian Peninsula.

Its direct route across Northern Saudi Arabia has greatly reduced the time required to transport goods overland from the Eastern Mediterranean to Eastern Saudi Arabia.

Road scales donated by Tapline to Saudi Arabia to enable the government to control the weight of trucks entering the pipeline road at Turaif were placed in operation in July. Statistical information on truck weights is being gathered by two members of the Communications Ministry in conjunction with a United Nations advisor to the Saudi Arabian Government.

The first of their kind to be used in Saudi Arabia, the road scales will enable SAG and Tapline to learn exactly the truck weights on both east and westbound traffic.
Tapline's Chief Nurse Hiyam Kaibni sails from Beirut Sept. 1 at the American University of Beirut as a freshman—science student. She plans to follow her father's medical footsteps.

A Qaisumah employee receives his safety prize from J. J. Kelberer. Safety. Engineer Fawzsi Najm is on right. Individual prizes are given to each employee in a company unit which has earned a President’s Letter of Safety Achievement. Both individual prizes are intended to serve as safety reminders rather than material inducements.

Twelve students of the Qaisumah Development School in Qaisumah have earned Certificates of Promotion for the first semester of 1964.

Nineteen student-employees attending classes at the company’s Development School in Qaisumah have earned Certificates of Promotion for the first semester of 1964.

THE OIL INDUSTRY IN THE NEWS

Information matter reported in this column is compiled from and based on reports recently published in the following magazines and periodicals: Petroleum Press Service, Middle East Economic Survey and World Petroleum.

Oil Strike in Oman

Oil has been found "in sufficient quantity to justify commercial development of these locations," Yibal, Natih and Fahud, in the Sultanate of Muscat and Oman in south-eastern Arabia by Petroleum Development Oman (PDO). The company, in which Shell has 81 percent interest and Parmex (GB-Benzene holdings) the remainder, has drilled nine exploratory wells but more information is required to assess the commercial significance of the discoveries and future prospects of the concession. Drilling and seismic work are continuing.

Loops in Libya

Libyan crude oil production reached 487,291 BPD in June to boast the first six-month's average to 732,000 BPD. Shipments from two existing terminals (Brega and Sidra) are running at about 345,000 BPD. By the beginning of 1965, a third Libyan terminal, at Kasab, will add 160,000 BPD to export capacity. Altogether Libya could be exporting over one million barrels daily next year. In 1966, when Brega Unit adds an initial 100,000 BPD through Hariga terminal, some 2,500,000 BPD of Libyan oil could be on the market—about the same as Iraq produces at present.

Oil From Shale

The first plant to produce commercial oil from shale is scheduled to go into operation in 1967. Talk of tapping the vast shale oil reserves has been going on for years and lots of oil from shale has been produced in research. But the high cost has held back commercial production.

However, President Hein 1. Kondoberge of the Oil Shale Corp., in Denver has told Standard Oil of Ohio stockholders that the technology has been developed and producing costs trimmed enough to make shale oil competitive with oil from wells.

Ground is to be broken on their plant near Rifle this fall and production is scheduled to start in January 1967.

Reserves of the shale in western Colorado, eastern Utah and south-western Wyoming are estimated to be more than one trillion barrels, or three to seven times the total known conventional oil reserves in the world.

Peggy Rosenthal, Miss Hiyam Kaibni, Tapline's Chief Nurse. (Photo by Nasr)
Staff Nurse Itidal Hindi prepares surgical equipment for sterilization at the Central Supply Room of the Badanah hospital.

Seven Badanah nurses have an off duty coffee break outside their living quarters. They are, from left, Misses Claire Sayegh, Fadiwa Rayan, Georgette Haddad, Azeezeh Issa, Malakeh Jamal, Anahid Koukeian and Adel Choueiri. The tiny tots are Hiyam Jiries (standing) and Rima Moawad.

BADANAH NURSES ON AND OFF DUTY

While nursing has become a profession on a par with other careers open to women today, it will undoubtedly always be associated with a spirit of service to mankind. Tending the sick, the weak and handicapped at the company hospital in Badanah which celebrates its tenth anniversary on Sept. 19, are 33 nurses, including 18 men and 15 women.

Just how does each of Badanah's "Miss Florence Nightingales" put in her time is a question that the folks back home ask themselves. Once the hospital duties are out of the way, "Miss Florence Nightingale" on the Home front has no leisure hour when she can "put the works" while exchanging the latest news with her sisters of the doing. Usually on a Beirut jaunt, her shopping expeditions are limited to the community grocer, or sometimes the nearby farm sty.

What does she do with her time? Just along with the Periscope Camera and you will find the answer.

(Photos by Nasr)

Claire Sayegh (left) and Anuarah Isra settle down to their favorite pastime of tailoring.

Assistant chief nurses Anahid Koukeian (foreground) and Fatmeh Abu Zahr are seemingly prepared to defend their painting efforts in the modern field against any critic.

Ummuna Sabri, Nurse-General Duty, registers visitors to the female clinic at the company hospital in Badanah.
Badanah

Our bars are tipped for Doctors Marcel Saghieh and Abdallah Bibihi, who joined the Badanah staff in July. The two barkeens are graduates of the American University of Beirut.

Dr. Marcel Saghieh

Good luck to Chief Nurse Haniya Kitabi who is off on vacation and a subsequent nine-month educational leave of absence in the United Kingdom. Farewell functions were hosted in her honor by Doctors Michel Mousa, Fadi Hyya, Edmund Hiti and Naif Turk and Construction Engineer and Mrs. Emile Chabboub. Congratulations to Mr. and Mrs. Missa Misfer on the birth of their son, Muhammad. Both infants were born at the Badanah hospital.

Back to the fold from holiday are Miss Fatmeh Rayan, Ibrahim Ahmad, Mike Nahhal, Dr. and Mrs. Edmond Nifeh, Mr. and Mrs. Dale E. Garrison, Abdul-Hadi Muhammad, Abdul-Rahman Abdul-Allah, Miss Leila Dawid, Peter Nolde, Miss Leila Jubayli, Saad Abdallah, Miss Fatmeh Abu-Zahr, A. Naif, Nasser Jamil and Hadi Jubayli, Mrs. Moussa Moussa on the birth of their son, Jihad, and Mr. and Mrs. Atef Jubayli.

A recent AUB graduate, Dr. Fathi Jishshi joined Rafha's medical staff in July as Physician General Practice.

Radha

Residents at Rafha are Dr. Fathi Jubayli, Anton Corbee, Hatim Muhammad Hajj and Turman Zaki Nakkash.

Dr. Fathi Jubayli

Of Harzem, Holland, Mr. Corbee was contracted July 31 as Labor Relations Specialist (Road Improvement Program).

Radha

General Superintendent Mr. A. Tammam Zaki Nakkash, who is spending the summer in Lebanon, is back to Badanah following a two-week assignment there.

Dr. Fathi Jubayli

A recent AUB graduate, Dr. Jishshi joined Rafha's medical staff in July as Physician General Practice.

Qaisumah

Chief Accountant Suheil Chaaban and A. G. Gray, who is on a special assignment in the Campbell's Department in Beirut from the New York Office, visited Rafha Aug. 3. They were the dinner guests that evening of Station Superintendent Duilio Aziz. Attending the functions were Mr. and Mrs. James F. Chaplin and Robert Najjar.

Leaves have ended for Hamdan Zaki, Mishref Hamad and Saad Majid. Leaves have ended for Hamdan Zaki, Mishref Hamad and Saad Majid.
The Turaif welcoming wagon happily receives John L. Stephens, Albert M. Christman, Dick De Boer and Dr. Berj A. Gueyikian.

A 1951 engineering graduate of Washington State University, Mr. Stephens joined our ranks Aug. 3 as Senior Engineer, Mechanical. Mr. and Mrs. Stephens have two sons and two daughters.

Mr. Christman transferred here July 27 from Aramco-Ras Tanura as Foreman-Maintenance Station. The two children—son Gene and daughter June Marie.

Mr. De Boer, who hails from Holland, was hired in July as Lead Diesel Gas Turbine Mechanic.

Dr. Gueyikian joined the Turaif medical staff July 31 as Physician General Practice. He is a 1963 graduate of the American University of Beirut.

A Letter of Safety Achievement from President William R. Chandler and individual prizes were presented July 11 to Peter J. Kowarski in Qaisumah station employees for their 1962 safety efforts. Making the trip to Qaisumah to present the Letter of Safety Achievement was Mr. Chandler, accompanied by Mr. and Mrs. Kowarski and other Kerr-McGee employee-escorts.

A series of training sessions on plant protection were recently conducted at Sidon Terminal by Assistant Foreman—Special Services Richard Khattar (center). Attending one of the sessions held in July were, from left, watchmen Philippe Ghosn, Mohammad al-Shaik, Fatih Tan and Abdul Taha. (Photo by Suassou.)

A series of training sessions on plant protection were recently conducted at Sidon Terminal by Assistant Foreman—Special Services Richard Khattar (center). Attending one of the sessions held in July were, from left, watchmen Philippe Ghosn, Mohammad al-Shaik, Fatih Tan and Abdul Taha. (Photo by Suassou.)

28 TAPLINERS GET SERVICE STARS IN AUG.

Twenty-four Tapliners were awarded three-star emblems in August for completing 15 years of continuous company service. Four others received two-star insignia for achieving 10 years of service during the same month.

Fifteen-year pin recipients were:
- Y. I. Suleiman, of Medical, Beirut
- Sam B. Abd-Umer, of Comptroller's
- Joseph H. Boustani, of Purchase and Traffic
- Muhammad K. Edidleh, of Aviation
- Benita D. Heidhal, of Comptroller's
- Mahmoud R. Harbi, of Purchase and Traffic
- Ziadah S. Harir, of Comptroller's
- George K. Kallouss, of Operations-General
- Amine F. Karrou, of Purchase and Traffic
- Fouad N. Khatari, of Purchase and Traffic
- Mary T. Khouzani, of Administration and General
- Tanios S. Matat, of Aviation
- Dhiib E. Musul, of Comptroller's
- George F. Musul, of Purchase and Traffic
- George N. Nathif, of Comptroller's
- Emile A. Sulmet-Homsi, of Aviation
- Emile N. Wahab, of Comptroller's
- Samir
- George E. Azzah Abou-Aly, of Operations and Repairs
- Khalid E. Azzah Zaid, of Operations-General
- Muhammad S. Abud, of Marine
- Abdallah Y. Asaad, of Marine
- Jams A. Babaker, of Motor Transport
- Nahr S. Balbaa, of Marine
- Alf O. H. Younan, of Motor Transport
- The four ten-year pin recipients were:
- Dave
- Mahmoud M. Dargh, of Operations and Repairs
- Oman
- Fahad Alzahd, of Administration and General
- Rafa
- Abbad B. Suleiman, of Operations and Repairs
- Turaif