

the arabian sun

June 23, 2021 | Vol. LXXVI, No. 24

a weekly Arabian publication for employees



“

This is of course made possible by our employees, who continue to make a difference by safely and reliably delivering energy to the world.

— Amin Nasser

Strong and attractive investment

Aramco issues inaugural international Sukuk

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An ancient and magnificent dam

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Aramco issues inaugural international Sukuk pursuant to its International Sukuk Program



“We are very pleased with the global investment community’s response to Aramco’s first international dollar Sukuk, which attracted demand 20 times the initial targeted issuance size.”

— Amin Nasser

Last week, Aramco announced it had successfully raised \$6 billion following the sale of U.S. dollar-denominated Shariah compliant securities to leading institutional investors.

The issuance comprised three tranches of senior unsecured Sukuk trust certificates issued under Aramco’s newly established International Sukuk Program, with the funds raised allocated for general corporate purposes.

- The three tranches included:
- \$1 billion maturing in 2024, carrying a profit rate of 0.946%
 - \$2 billion maturing in 2026, carrying a profit rate of 1.602%
 - \$3 billion maturing in 2031, carrying a profit rate of 2.694%.

Saudi Aramco president and CEO Amin Nasser, said: “We are very pleased with the global investment community’s response to Aramco’s first international dollar Sukuk, which attracted demand 20 times the initial targeted issuance size.

“The outcome demonstrates fur-

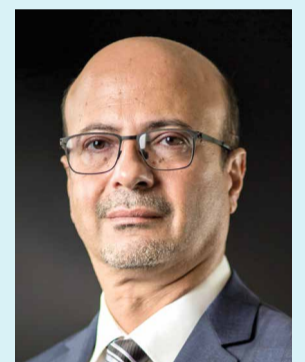
- **Aramco raises \$6 billion through the world’s largest U.S.-dollar corporate Sukuk**
- **Demand was 20 times the initial targeted issuance size, reflecting strong investor appetite**

ther evidence of Aramco’s unique value proposition, which is underwritten by its operational and financial resilience. This is, of course, made possible by our employees, who continue to make a difference by safely and reliably delivering energy to the world,” Amin Nasser stated.

Khalid H. Al-Dabbagh, senior vice president of Finance, Strategy and Development, said: “We are delighted with the strong reception for our inaugural international Sukuk offering that led to the largest order book ever recorded globally for a dollar-denominated Sukuk transaction, with orders exceeding \$60 billion.

“The success of the transaction is a strong endorsement from the global investment community of our leading position in the industry, and our ability to deliver on our long-term business strategy. The issuance attracted more than 100 new investors across the globe,” Al-Dabbagh added.

The transaction settled on Thursday, June 17, with the Sukuk admitted to the official list of the U.K. Financial Conduct Authority, for trading on the London Stock Exchange’s main market.



“The success of the transaction is a strong endorsement from the global investment community of our leading position in the industry, and our ability to deliver on our long-term business strategy.”

— Khalid H. Al-Dabbagh



Your voice



By Zakaria H. Darwish
Dhahran
Zakaria.Darwish@aramco.com

Your Voice reflects the thoughts and opinions of the writer, and not necessarily those of the publication.

A search for successful solutions as we swim to safe shores

We are still going through multiple stages of the COVID-19 pandemic, trying to overcome it and swim to the shore of safety. Each stage requires a method — a deliberate plan with alternatives, and a commitment to abide by the instructions and guidance of the government.

The Ministry of Health and the Ministry of the Interior, among others, have raised the level of awareness, guiding and educating us, and providing health and food security. Subsequently, we still have not passed the stage of danger, as we begin to return cautiously after experiencing lockdowns and curfews. Each stage carries difficulties, requirements, and concessions for the sake of security for all. We are all responsible, and can make a difference.

What are we doing as individuals? The most important thing we have learned is that the coronavirus is spread by people in close contact with each other. Coughing, sneezing, and talking can spread droplets containing the virus. We all love communication, meetings, and gatherings, but we have had to replace them with new behaviors and habits, e.g., wearing masks and social distancing.

The phase of lifting the ban completely without restrictions has begun, and life is gradually beginning to return to normal. This is a happy thing, but do not let us forget what we have learned — return with caution and adhere to all health precautions. We should not go out unless it is absolutely necessary.

Many of us benefited from sitting at

home and rediscovering ourselves. Latent talent swelled as we practiced hobbies that we missed. Family relations were strengthened. Let us be positive, cooperate, and be optimistic. Every day we look at the official statistics of those infected with this dreaded virus. We are saddened to find the numbers in some areas are high, but we also need to ignore false rumors and draw information from the official government sources. We should also not neglect the other side of the statistics: the number of recoveries.

Aramco has interacted a lot with government agencies, supporting and contributing to raising awareness among its employees, contractors, and their families. We return to the country with caution. Let’s be appreciative of the current situation ... and stay safe.

Yanbu' Refinery receives top award from European quality management group



By Fareed Y. Enani and Ahmed A. Basodan

The Yanbu' Refinery Department (YRD) has achieved "6 Star Recognition" from the European Foundation for Quality Management (EFQM), the first organization to reach such a level in Saudi Arabia.

The award recognizes organizations that have achieved an "outstanding level of sustainable achievement," according to the Brussels-based not-for-profit member foundation, which was established more than 30 years ago to promote business excellence.

Rigorous assessment

YRD underwent a rigorous virtual assessment over four consecutive days, during which assessors reviewed documents and interviewed individuals to analyze how effectively the organization performs in the delivery of its strategic objectives. YRD demonstrated a strong commitment to its sustainable best practices that distinguished it from its peers through showcasing an array

of impactful systems and programs across the "eight fundamental concepts of excellence" in the EFQM Model. These included: adding value for customers; creating a sustainable future; developing organizational capability; harnessing creativity and innovation; leading with vision, inspiration and integrity; managing with agility; succeeding through the talent of people; and sustaining outstanding results.

An "infinite journey"

Abdulatif S. Alshami, manager of YRD, said excellence was an "infinite journey" of continuous improvement efforts. "Going through organizational assessments acts as an eye opener for more areas for improvement, which helps YRD to enhance its management system and its effectiveness," Alshami said. He added that this journey of transformation became the desire for every employee in the refinery, which was shown in their commitment to Operational Excellence. YRD had clear strategies that included innovation, social responsibility, digital transforma-

tion, cybersecurity, environment control, energy, safety, and quality. These strategies helped YRD to improve its results and achieve satisfaction, Alshami said.

International standards

The journey began in 2017. Milestones included ensuring the YRD management system was meeting international standards by pursuing ISO certifications in different fields. YRD has now achieved 19 ISO certifications over the past three-and-a-half years. Other milestones involved listening to and implementing employees' and contractors' suggestions to improve the organization's operations, and benchmarking with best-in-class outfits in different fields to learn and exchange experiences. YRD went through a sequence of corporate, national, and international assessments to achieve results.

Prestigious excellence

Since 2017, YRD has now won more than 20 prestigious excellence awards

and certificates, including eight company awards: two President Excellence Awards; two President Safety Excellence Awards; two President Environmental Excellence Awards; an Exceptional Safety Award; and a Reverse Engineering and 3-D Printing Award. Nationally, three awards were received: a National Safety Council Award; a King Abdulaziz Quality Award; and a King Khaled Sustainability Award. YRD received 15 international awards: Two Green Apple Awards; an Association of Energy Engineer Award; an Advancement Level in the Lighthouse Award; a Global Benchmarking Award; a Global Water Conservation Award; a Global Innovation in Water Technology Award; a Green World Award; an EFQM Committed to Sustainability Award; a Corporate Social Responsibility Excellence Award; an Environmental Manager Award; a Middle East Oil and Gas Show (MEOS) Energy Award; a Fortress Cybersecurity Award; an Energy Manager Today Award; a Verdantix Award; and now the EFQM Recognition for 6 Star Excellence Certificate.

Traffic safety awareness conducted for SINOPEC contractors

Aramco has organized a traffic safety campaign in Tanajib, in the northeast of Saudi Arabia, for construction contractors from the Chinese Petroleum and Chemical Corporation (SINOPEC).

The Downstream Pipelines Division (DPD) of the Tanajib Gas Plant Project Department (TGPPD) recently conducted a "Vehicle and Traffic Safety Campaign" in the Tanajib Area and Pipelines Corridors over a three-week period. The goal was to improve traffic safety awareness and achieve zero motor vehicle accidents (MVAs).



Light-duty vehicle inspections.



Heavy-duty equipment inspection.

Safe driving behaviors

"This is an Admin Area initiative and we need to have a big role in the implementation of the actions to enhance safe driving behaviors and reduce MVAs to zero for all contractors," said Bassam M. Al Dossary, manager of the TGPPD. This was the starting point, according to the DPD, to conduct the contractor safety awareness initiative.

Assessing skills, regulations

DPD and SINOPEC site supervisors carried out joint safety inspections on vehicles and equipment at the construction site, focusing on licenses, routine inspection records, tire patterns, and windshield wipers.

A traffic accident emergency drill was

also conducted at the job site to improve the efficiency of the contractor's emergency rescue team response and to verify mastery of company traffic regulations and safety requirements.

Safety stand-down toolbox talk

A "Traffic Safety with Me" event

was launched by SINOPEC, combined with a safety stand-down toolbox talk on traffic safety conducted by DPD site supervisors, in which traffic regulations, company and contractor safety cultures, and the traffic safety responsibilities of supervisors and drivers were discussed.

Harold (Hal) Fogelquist, former SVP of Industrial Relations

By Dr. Jan Fogelquist

Harold (Hal) T. Fogelquist died on May 12, 2020, after a long, fulfilling life. He was 96 years old. He passed away with dignity and love next to his wife, Marilyn, whom he referred to as “the beautiful woman to whom I’m married.” They would have celebrated their 72nd wedding anniversary this month.

Hal served as senior vice president of Industrial Relations from 1978 to 1981, when he retired after 34 years of service to the company.

Magna cum laude

He grew up in Spokane, Washington, and studied electrical engineering at the University of Washington through the U.S. Navy’s V-12 program during World War II, graduating *magna cum laude* in 1945. During the war, he was stationed in Key West, Florida, as an officer on a patrol craft submarine chaser before marrying Marilyn Jean Hieber and embarking on a career with Aramco in 1947.

Hal’s career with the company took the couple to Italy, the Netherlands, Saudi Arabia, Lebanon, and New York, where they ex-

plored the cultures, learned the languages, and befriended many people. The Fogelquists were open-minded, inquisitive, very generous, and loved learning, and modeled a sense of justice and a commitment to others to all they met, as well as to their four children, Jan, Gary, Tom, and Lindsay.

For her part, Marilyn was a lively member of the community, and she worked in the counseling clinic at the Saudi Aramco Medical Services Organization (SAMSO). As their daughter, I worked as a physician in SAMSO, which later became Johns

Hopkins Aramco Healthcare.

His good fortune

Hal’s career included work with Italian and later Dutch engineers in the early 1950s designing the Abqaiq power plant and other projects. He oversaw utility plants and pipeline operations, Northern Area Producing, Corporate Planning and Administration, and Industrial Relations. In 1964, he was sent for a year to study Arabic full time (and marveled at his good fortune) at the Middle East Center for Arab Studies in Shemlan, a mountain village in Lebanon near Beirut. He also had a two-year interlude in 1971-1972 as assistant general manager in Aramco’s New York office. He expressed his gratitude often at having had many fascinating experiences, working with cherished colleagues and friends throughout his rich, diverse career.

In 1981, Hal and Marilyn moved back to Seattle and started a new life, which involved new commitments and adventures, making new friends, and reconnecting with old.

Music, books, skiing

Hal was an avid reader. He un-



dertook self-study of classical music and filled the family home with the sounds of Bach, Vivaldi, and Mozart. He enrolled in long distance Shakespearean literature courses, which he took while his children were running about the house. He was an enthusiastic, elegant skier and continued skiing until he was 86. He also loved hiking and bicycling with friends and family, including his five grandchildren. He and Marilyn often took family to the ballet, opera, theater, and music performances.

He treasured the daily ritual of bringing his wife breakfast in bed, which she will miss along with his loving, witty companionship. She and all the family remember Hal, Dad, Grandpa, and Uncle with gratitude and love!



The June 28, 1978, edition of *The Arabian Sun* (Vol. XXXIV, No. 26) announcing Fogelquist’s promotion to senior vice president of Industrial Relations.

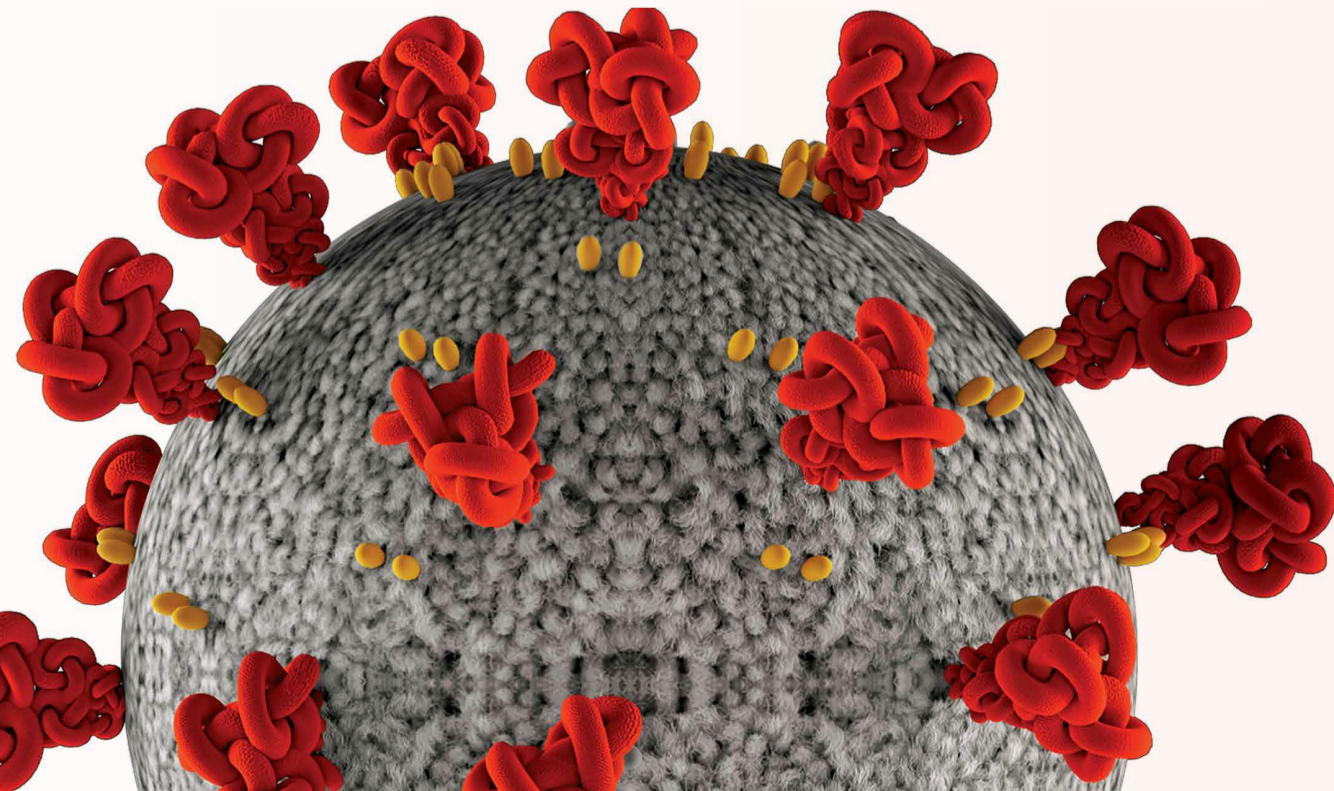


Photographic memory

In this early 1940s image, a Saudi employee tightens the wellhead of Dammam No. 15 (initial production: September 7, 1939, at 1,625 barrels). The well was located in Dhahran within the grounds of King Fahd University of Petroleum and Minerals, near the mosque. (Photographer unknown)



Keep your guard up
There is no better defense than vigilance.



Aramco closes \$12.4 billion infrastructure deal with global investor consortium

The agreement between Aramco and an international investor consortium to buy 49% of the company's pipelines for \$12.4 billion has successfully closed.

Aramco and the consortium, which consists of a broad cross section of investors from North America, Asia, and the Middle East — including U.S.-based EIG Global Energy Partners and Abu Dhabi's Mubadala Investment Company — announced the successful closing of the acquisition of 49% of Aramco Oil Pipelines Company (AOPC) on June 19.

Compelling investment opportunity

The long-term investment by the consortium underscores the compelling investment opportunity presented by Aramco's globally significant pipeline assets, the company's robust long-term outlook, and the attractiveness of Saudi Arabia to institutional investors. The transaction — one of the world's largest energy infrastructure deals — represents a continuation of Aramco's strategy to unlock the potential of its asset base and maximize value for its shareholders. It also reinforces Aramco's role as a catalyst for attracting significant foreign investment into the Kingdom.

25-year lease and leaseback agreement

As part of the transaction, which was first announced in April 2021, AOPC and Aramco entered into a 25-year lease and



“It [this transaction] is a significant milestone that reflects the value of our assets and paves the way forward for our portfolio optimization strategy.”

— Amin Nasser

leaseback agreement for Aramco's stabilized crude oil pipelines network. AOPC will receive a tariff payable by Aramco for stabilized crude oil flows, backed by minimum volume commitments. Aramco continues to hold a 51% majority stake in AOPC, and retains full ownership and operational control of its pipeline network. The transaction does not im-

pose any restrictions on Aramco's actual crude oil production volumes, which are subject to production decisions made by the Kingdom.

Strong investor confidence in the company

Amin Nasser, Saudi Aramco president and CEO, said, “We are pleased to conclude this transaction with the global consortium. The interest we have received from investors shows strong confidence in our operations and the long-term outlook for our business. It is a significant milestone that reflects the value of our assets and paves the way forward for our portfolio optimization strategy. We plan to continue to explore opportunities to capitalize on our industry leading capabilities and attract the right type of investment to Saudi Arabia.”

A new benchmark for infrastructure deals

Abdulaziz M. Al-Gudaimi, senior vice president of Corporate Development, said, “The interest we received for this deal is evidence of continued confidence in our company from institutional investors and sets a new benchmark for infrastructure transactions globally. This transaction utilizes our world-class pipeline infrastructure to create additional value for our shareholders, reinforcing our company's resilience and ability to adapt in a rapidly changing business environment.”

R. Blair Thomas, EIG's chairman and CEO, said, “We believe this is the marquee infrastructure transaction globally and we are pleased to see that so many leading international investors agree with us.”



“This transaction utilizes our world-class pipeline infrastructure to create additional value for our shareholders, reinforcing our company's resilience and ability to adapt in a rapidly changing business environment.”

— Abdulaziz M. Al-Gudaimi

- The consortium comprises a cross section of renowned investors from North America, Asia, and the Middle East, including U.S.-based EIG Global Energy Partners and Abu Dhabi's Mubadala Investment Company
- The announcement seals one of the world's largest energy infrastructure deals
- This landmark transaction reflects progress in Aramco's portfolio optimization to unlock value and maximize shareholder returns
- The major injection of foreign capital reinforces Aramco's energy leadership position and Saudi Arabia's appeal to prominent international institutional investors.



Scan QR code to know more.



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let's catch a phish

IT does it again with Rafiq A. Khurshid clicking on 'Report as Spam' first

The May phishing email test was a teaser about travel insurance plans supposedly sent from Community Services. Did you click on the fake offer? **Rafiq A. Khurshid**, an IT applications systems specialist with the Data Leakage Prevention Group in the Information Protection Department (IPD), was in no mood to be lured and was the first to report the email as spam. That is two months in a row now that an employee in the IPD has remained

vigilant and been among the first in the company to identify test emails as potential phishing attempts.

Inside knowledge or a hair-trigger finger? The latter, obviously, as the email had all the hallmarks of a phishing email test, including:

- A suspicious domain (community services <community-services@aramco.cor>)
- An attractive subject ("Aramco Travel Insurance

Plans")

- A large, bright red external tag ("PHISHING ALERT")

• Odd phrasing (spelling mistakes, including "Insurarse," "ensurarse," and "whether," as well as grammar errors, such as "over 50 plan," "the plan ... which give you the option ... ," and awkward phrasing, especially "get some reimbursement.")

- An embedded link ("Click Here").

The top 3 positive performing Admin Areas:

1. Strategy & Market Analysis
2. Exploration
3. Safety & Industrial Security

thank you

The Information Security Department would like to extend its gratitude and appreciation to the **top three positive performance Admin Areas** for their noticeable efforts in scoring the lowest negative behavior; along with the highest positive behavior for the May simulated Phishing Email Test. Such efforts reflect positively on Aramco cybersecurity user behavior and elevates the resilience of the company's core business.

cybersecurity tip of the month

Quantum computing's imminent impact on cybersecurity

By Khalid S. Alghamdi

Did you know that current encryption tools considered impossible to break will become useless with the introduction of revolutionary new quantum computing technology?

The word "quantum" means the smallest possible discrete unit of a physical property. Instead of using defined property objects like binary code "bits" in traditional computers, quantum computers use quantum bits, called "qubits." Classical bits are either "1" or "0." Qubits have complex numbers ranging from the possibility that the bit is a "0" to the possibility that it is a "1." So, a qubit is 0 and 1 and all possible numbers between 0 and 1.

Depending upon the algorithm inputted into the computer, and the interaction between the computer and its physical environment, quantum computing is estimated to be able to process as much as 100 million times faster than the fastest supercomputer available now. So, it's theoretically possible for one to calculate something in 200 seconds what a traditional computer would have taken 10,000 years to calculate.

With this advance, a quantum computer could break most encryption on the internet, exposing vulnerabilities in online commerce, by as early as 2025.



An ancient and magnificent dam

Article and photos by Musherf Alamri

The Khaybar area, 200 km from Medina Al Munawarah City, has a number

of pre-Islamic dams, with the most impressive being the Al Bint, meaning "a girl" in Arabic. The dam has a height of 30 meters and a length of 130 meters of

standing structure. It is mostly in good condition, but approximately one-third of the dam has fallen.

The dam is surprisingly easy to access from Medina-Tabuk highway number 15. South of Al Thamad village, people can take a 1-km access road leading to a valley. At the end, visitors will be pleasantly surprised by the huge and ancient structure: Dhoom palms and acacias filling the valley, a small pond, and the landscape covered with lava rocks.

Shirley Kay, in 1977, noted that there are around two dozen ancient dams in the West of Saudi Arabia, clustered around Taif and Khaybar, with the former having more. Al Bint Dam is the only curved one.

Legends about Origins

Local tradition says that the dam was built by a prince from Yemen as a dowry for a girl, i.e., the name.

Interestingly, the mortar, in terms of texture and quality, used in Al Ban Dam is similar to that used in the Marib Dam, which was built by the Sabaeen Kingdom within Yemen, according to an article published in the 1979 edition of *The Proceedings of the Seminar for Arabian Studies*. The 1978 edition of *Aramco World* stated that the Marib Dam was built in the seventh century B.C., and was maintained until the sixth century A.D.

Some claim that Al Bint Dam was built in the early Islamic era, and others say it was constructed in the third century B.C.

Historically, dams have enabled large-scale agriculture in the arid regions. It has puzzled scholars how water was retrieved from Al Bint Dam's reservoir and where was it channeled to.

Yet, Khaybar is a land of historical mysteries as the area contains the Khaybar historical village, and Mustatils, which are currently closed to tourism.



Al Bint Dam is mostly in a good condition, even though approximately one-third of the dam has fallen. Some claim that it was built in the early Islamic era, and others say it was constructed in the third century B.C.

Memory Lane: Looking back at elections, awards, inaugurations, and a chance to win prizes

Sixty years ago, both Aramco and Tapline held elections in New York for the two companies' top leadership. Here is a look back at some of the most important and most interesting articles published in The Arabian Sun over the history of the company.

June 13, 1951

Aramco and tapline elections



Elections involving top officials of the Arabian American Oil Company and the Trans-Arabian Pipeline Co. were announced in New York on June 7.

W.S.S. Rodgers was named Chairman of the Board of Arabian American, succeeding H.D. Collier, who remains as a Director of the Company.

R.G. Follis was named Chairman of the Board for Trans-Arabian Pipeline, and W.F. Moore, President of Aramco, was elected to the Tapline Board and also named a member of that company's executive committee.

June 23, 1971

Aramco World art wins praise



Word has been received from New York of the recognition by professional art circles in the United States of the quality of the graphics carried in *Aramco World* magazine.

Cited in particular were two two-page spreads appearing in the May-June 1970 issue of that publication, which was devoted entirely to the subject of the Crusades.

For its 1971 Annual Award Show, the Society of Publication Designers selected the photo spreads on pages 12 and 13, which opened the article on the Krak des Chevaliers for an Award of Excellence, and the original art on pages 10 and 11, which illustrated a general survey of the Crusades, for an Award of Merit.

June 18, 1986

New plant at RT refinery recovers salable sulfur



With the first feed of acid gas piped into the new facility on May 27, the Ras Tanura Refinery sulfur plant began operation — its dual purpose to recover salable sulfur from hydrogen sulfide-rich acid gas previously flared at the refinery and to reduce atmospheric pollution by eliminating high sulfur emission levels in accordance with Meteorology and Environmental Protection Administration standards.

Construction of the plant began in late 1984 under the auspices of the Ras Tanura Refinery Modernization Projects Department, and mechanical completion was achieved this May.

The plant, which incorporates modified surplus equipment from Berri, has the capacity to produce 300 metric tons of sulfur per day.

June 6, 2001

Answer a question, win a prize

Arabian Sun readers take note: Prizes may await you each month for correctly answering the question that appears in each new issue. Question 1 for June appears today.

Save your Suns for June so you can answer questions relating to stories published this month. Along with a question, each issue of the Sun will contain a coupon on which to answer that question. Four questions will be printed relating to stories this month.

If you answer all the questions correctly for any given month, you will be eligible for one SR3,000 prize, one SR2,000 prize, or one of five SR1,000 prizes that month.



The valley in which the dam is located contains the Dhoom palms, acacias, and a pond. It has puzzled scholars how water was retrieved from the dam's reservoir and where it was directed.



The texture and quality of the mortar used in Al Bint Dam is similar to Marib Dam, which was built by the Sabaeen Kingdom. Interestingly, local tradition says that the dam was built by a prince from Yemen as a dowry for a girl, i.e., the name.

Mustatils: Mysterious structures visible from space



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(Left) 1,000 of these structures are located across 200,000 km² in the northwest of Saudi Arabia, and they are mostly concentrated in Alula and Khaybar governorates. From animal remains found in one of the excavated Mustatils, scientists dated the structures to the sixth millennium B.C., potentially predating the pyramids. (Right) Researchers have concluded that these stone structures are architecturally complex, containing chambers, entranceways. Theories abound for the purposes behind building the Mustatils. (Images from Google Map)

A study published in the April edition of *Antiquity*, a peer-reviewed archaeology journal, provided insights on ancient, mysterious rock structures, commonly called *Mustatils*, which means "rectangle" in Arabic. When observed from the sky or space, the *Mustatils* form interesting geometric shapes, essentially composed of rectangles with angles usually capped by a circle.

Theories abound for the purposes of building the *Mustatils*, as there

are 1,000 of these structures located across 200,000 km² in the northwest of Saudi Arabia, and they are mostly concentrated in the Alula and Khaybar governorates, with the latter having more than the former.

From field work in the Alula and Khaybar governorates, researchers have concluded that these stone structures are architecturally complex, containing chambers and entranceways. From animal remains

found in one of the excavated *Mustatils*, scientists dated the structures to the sixth millennium B.C., potentially predating the pyramids.

The *Mustatils* near Khaybar are not open to the public; however, people can explore the aerial views via Google maps or similar websites. After all, this is how the ancients, intentionally or not, made them to be perpetually admired.

the arabian sun



Memory Lane:
Looking back at elections, awards, inaugurations, and a chance to win prizes

see page 7

Going on a road trip? There's an app for that

By Abdullah Y. Al-Hassan and Adam Currie

Employees and contractors will soon have access to a single, unified digital platform for tracking on- and off-road vehicle journeys, according to Information Technology (IT) and the Loss Prevention Department (LPD).

In 2019, company vehicles racked up over 200 million kilometers in work-related travel. In an effort to reduce the risk of drivers becoming lost or stranded, IT and LPD are introducing a new **SafeTravel** journey management system.

The **SafeTravel** solution, accessible from mobile devices and workstations, is a simple-to-use application that integrates existing systems, such as automatic vehicle location, an emergency responder tool, and a geographic information system.

Up-to-date information

Adel S. Al Doulab, manager of the Area IT Department, said, "By shifting this process to a digital format, we have created a single, unified platform that is able to host accurate electronic records, and provide up-to-date journey information on travel, while also allowing for automatic notifications or escalations in case of trips not going as planned."

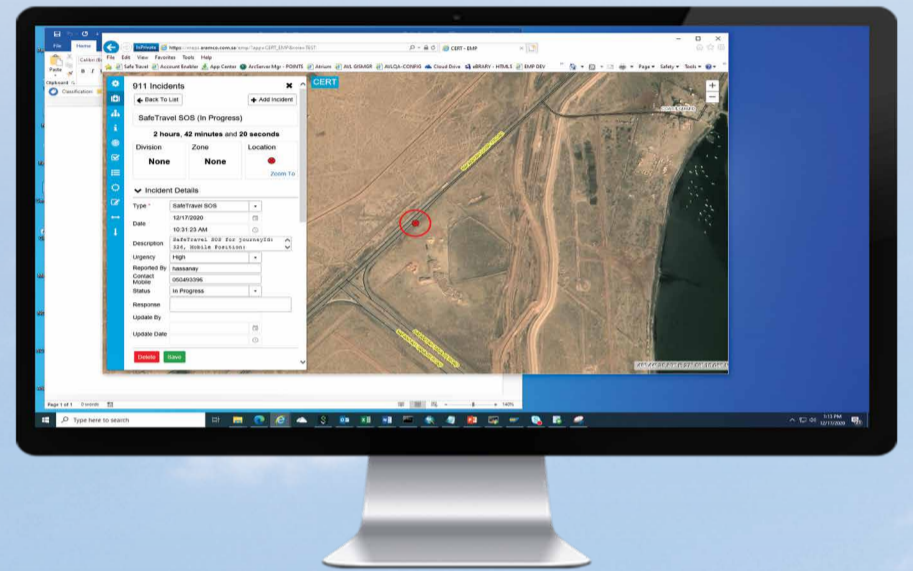
Ghassan G. Abulfaraj, manager of the LPD, said journey management used to be a manual process that was challenging to track accurately. "We found it to be less efficient during search and rescue activities with paper records based in different locations, while also being difficult to reference during an emergency."

"The **SafeTravel** solution serves as a 'one-stop shop' for everything travel related. Through a simple input of data prior to a journey, the entire process can now be automated. This solution is capable of managing approvals processes, issuing notifications, and automatically escalating a hazardous situation to emergency responders."

Constant communication

A major advantage of **SafeTravel** is its ability to maintain constant communication between the driver and journey coordinators. Once a driver begins a trip using the **SafeTravel** mobile app, the route is immediately updated onto a journey management GIS dashboard.

If for some reason a driver is unable to reach his or her destination within an hour of the planned arrival time, alerts are triggered to direct management and journey coordinators. If this delay extends to two hours, the system escalates this alert to division head level. If no response or update is received



within three hours, the trip will automatically be classified as an emergency and the 911 emergency response center is notified.

To plan a trip using the **SafeTravel** mobile app, a driver simply accesses the app from any iOS device enrolled in the Enterprise Mobility Program.

Immediate notification

If a driver faces difficulty in reaching his or her destination and requires assistance, he or she is able to send an immediate notification to a 911 emergency center through the tap of a button. This notification will contain details of the driver, the vehicle, and its exact location.

Ahead of the safety app rollout, employees and contractors should always continue to follow the core elements of effective journey management, including:

- Telling someone where you are traveling to
- Using an appropriate vehicle for the hazards associated with a trip
- Staying with your vehicle if you get lost, it breaks down, or gets stuck
- Having your supervisor call 911 if you are missing for three hours or more.

For more info please check the Enterprise Mobility Page at <https://sharek.aramco.com.sa/Orgs/Mobility/Pages/home.aspx> or contact the mobility support group msg@aramco.com.



The Arabian Sun is a weekly publication issued free of charge by the Corporate Communication Support Department for Saudi Aramco employees.

North Admin Building, Room AN-1080, C-05A, Dhahran, Saudi Arabia
Telephone (013) 876-0374
Email: publishing@aramco.com
ISSN: 1319-156X
Articles may be reproduced provided The Arabian Sun is credited.

Publishing administrator: Meteb F. Al-Qahtani
Supervisor Content Creation: Jamsheed Din
Editors: William Bradshaw and Todd Williams
Editorial staff: Musherf Alamri, Eamonn Houston, Scott Baldauf, Dalia Darweesh and Rawan Nasser.
Designer: Husam Nasr.

Articles and coverage can be requested through CRM. Correspondence may be addressed to the editor, North Admin Building, Room AN-1080, C-05A.



Saudi Arabian Oil Company (Saudi Aramco) is a joint stock company, with certificate of registration number 2052101105, having its principal office at P.O. Box 5000, Dhahran, Postal Code 31311, Kingdom of Saudi Arabia, and with fully paid capital of SAR 60,000,000,000.