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## **TAPLINE-Makkinje Collection, 1949-1998**

A Finding Aid to the Collection in the University Libraries, AUB  
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## Descriptive Summary

**Call No.:** A: 338.2.1

**Library Catalog ID:** [b18934274](#)

**Record Creator:** Trans-Arabian Pipeline Company; Mr. John J. Makkinje.

**Collection Title:** TAPLINE-Makkinje Collection, 1949-1998.

**Collection Dates:** 1949-1998

**Physical Description:** 6 boxes

**Abstract:** According to the BP Statistical Review of World Energy, June 2016, Arab countries own the most proven oil reserves in the world and have a share of around 43% of the total world reserves. The discovery of oil in the Arab world in the early 20<sup>th</sup> century was pivotal to many Arab countries' socio-economic development, and their new and enhanced international geopolitical positioning.

Following the discovery of the oil reserves in the region, several efforts were spent figuring out cheap and efficient ways to transport oil from the Arab Gulf countries to the international market which still then relied heavily on oil for most of its energy. To cut oil shipment costs from Saudi Arabia to Europe and the United States, the Trans-Arabian Pipeline Company was formed in 1945 through a joint venture between several American Oil Companies. TAPLINE was to construct the largest oil pipeline in the world at the time, linking Saudi Arabia and Lebanon through Jordan and Syria. Eighty percent of this huge project was entrusted to the Engineering Company Bechtel International Corporation. The project proved to be a massive challenge both logistically and technically (equipment, vehicles, and supplies had to be transported to the Arabian Desert all the way from the United States, and workers had to deal with harsh climate conditions.)

The pipeline itself provided a perfect shortcut between the Middle East and Europe saving tank-ships a long haul route that spanned the Persian Gulf to the Mediterranean Sea through the Arabian Sea, the Gulf of Oman, and the Red Sea before the tankships could finally head towards Europe. The pipeline had a huge effect on the economy of the region, in particular on the development of Lebanon, specifically Sidon.

**Language(s):** English

## Administrative Information

**Source:** The collection was donated to the AUB Libraries in two installments: In March 2002, Dr. Børre Ludvigsen, Associate Professor at Østfold Regional College, Halden, Norway, donated documents related to the TAPLINE, which comprised mostly telexes and a few photos. Mrs. Aricia Anthony Makkinje, the daughter-in-law of Mr. John Makkinje in 2017, donated the second -and larger- installment. Mr. John Makkinje was an employee of the TAPLINE, ARAMCO, between 1953 and 1986. Initially hired as a Radio Technician, and then promoted to the role of Manager of Operations, he remained in this position until the closure of the Plant, in 1986.

**Access Restriction:** The Collection can be used within the premises of the Archives & Special Collections Department, Jafet Memorial Library, American University of Beirut.

**Photocopying Restriction:** No Photocopying restriction except for fragile material.

**Preferred Citation:** TAPLINE- Makkinje Collection, 1949-1998, A:338.2.1, Box no., File no., American University of Beirut/Library Archives.

## Scope and Content

The Trans-Arabian Pipeline Company (TAPLINE) Collection includes correspondence, maps, photographs, faxes and receipts, reports, and miscellaneous archival documents. It also contains publications and press clippings related to the TAPLINE's installations and operations; maps and plans for the Tank Farm Area, Sidon Terminal; company stickers; photographs of workers, tankers, landscape, oil pipelines, ships, and the seashore.

This collection is an important source for scholars interested in the socio-economic history of the region, in Middle Eastern foreign affairs with a specific focus on US-Middle Eastern relations, and in the role that oil played within the geopolitical context of the Arab region and the rest of the world, especially during the cold war era.

## Arrangement

The Collection is arranged in four series:

- Series I:** **Administrative and Operational material**, including Faxes and receipts, correspondence, reports, activity logs, design data and manuals
- Series II:** **Photographs:** 353 black and white and colored photos in different sizes 7 x10 cm; 12 x 18 cm (including photos of operations, workers, installations, damages, staff in Saudi Arabia, Lebanon, Syria, and Jordan...)
- Series III:** **Maps and Plans:** 4 maps and 6 plans in different sizes e.g., 192 x85 cm; 74 x106 cm
- Series IV:** **Publications:** Articles, Brochures, an incomplete run of *Pipeline Periscope* magazine and press clippings

## Historical Background

The Trans-Arabian Pipeline (TAPLINE) Company was founded in 1945 as a joint venture by the following companies: Standard Oil of New Jersey (Esso), Standard Oil of California (Chevron), The Texas Company (Texaco), and Socony-Vacuum Oil Company (Mobil). The Trans-Arabian Pipeline Company was a fully owned subsidiary of the Arabian American Oil Company (Aramco).

The TAPLINE was intended to extend from the Abqaiq oil fields in Saudi Arabia to the port of Haifa, in Palestine, making it the longest oil pipeline in the world, at the time. Following the Nakba of 1948, the route of the TAPLINE was amended, to pass through Jordan, the Golan Heights in Syria, and to end at the Zahrani Terminal, South of Sidon, Lebanon, near the Zahrani River, rather than in Haifa, Palestine, as initially planned. Oil was filled in boat tanks at the Zahrani terminal, and tankers then sailed from the port of Sidon, shipping oil to European and American markets (mostly to the East Coast of the US) at low costs.

The installations of the TAPLINE extended over a length of 1,214 kilometers (754 mi). At its inauguration, the TAPLINE initially pumped 300,000 barrels per day (48,000 m<sup>3</sup>/d) (bpd), which was then increased to a maximum capacity of 500,000 bbl/d (79,000 m<sup>3</sup>/d),

with the addition of several more pumping stations. The pipes transported up to 30% of Aramco's Saudi Arabian crude oil, during its peak operation.

Oil transportation through the TAPLINE to Lebanon and Syria was brought to a halt in 1976, upon the beginning of the Lebanese civil war. The line's installations were handed over to the Lebanese government in 1983. The Zahrani station was then transformed into a modern electrical power station and a fuel oil importation terminal. Aramco eventually was decommissioned and completely shut-off the TAPLINE in 1983.

## **Subject Headings**

Arab countries -- Economic conditions.  
Arab countries -- Foreign relations.  
Arabian American Oil Company -- History -- Sources.  
Economic development -- Lebanon.  
Middle East -- Foreign economic relations -- United States.  
Middle East -- History -- 20<sup>th</sup> Century.  
Petroleum.  
Petroleum industry and trade -- Arab countries.  
Petroleum pipelines -- Design and construction.  
Petroleum pipelines -- Middle East -- Maps.  
Petroleum products -- Arab countries.  
Petroleum refineries -- Middle East -- Maps.  
Saudi Aramco -- Employees -- History -- Pictorial works.  
Tankers.  
Trans-Arabian Pipeline Company (TAPLINE).  
United States -- Foreign economic relations -- Middle East.

## **Container List**

### **Series I: Administrative and operational material (1948-1997)**

#### **Faxes and Receipts**

##### **Box 1:**

270 faxes/ receipts (Huston Incoming) Jan 4, 1983 - Dec 28, 1983  
199 faxes/ receipts (Huston Outgoing) Jan 4, 1983 - Dec 28, 1983

##### **Box 2:**

244 faxes/receipts (Hague Outgoing) Jan 5, 1983 - Dec 30, 1983  
169 faxes/ receipts (Hague Outgoing) Jan 4, 1983 - Dec 30, 1983  
159 faxes/ receipts (Outgoing General) Jan 11, 1983 - Dec 30, 1983  
367 faxes/ receipts (Personnel Cable) Jan 5, 1983 - Dec 28, 1983

### Box 3:

#### File 1: Correspondence (1949-1998)

##### Letters on Pipelines

- Letter from Abd Allah al-Uhaydib to the Amir of the Northern frontiers area concerning the Pipeline explosion. May 7, 1986
- Letter from A. Fayad to S. D. Young about “pipeline throughput.” September 28, 1986
- Letter from A. Fayad to S. D. Young about “pipeline throughput” including a table of maximum line capacity with Rafha and Turaif. October 2, 1986
- Letter from A. M. Nagshabandi to M. Ohaly about the “failure analysis TAPLINE rupture KM 435.” (+ an attached failure investigation report). December 30, 1995
- Letter from D. I. Al-Ruwaili to F.B. AL-Anizi concerning the “estimated costs of performing repairs to the pipeline at KM/169.300” (+ an attached document about the cost of P/L repair due to accident at KM/69.300. August 19, 1997.
- Letter from D. I. AL-Ruwaili to A.A. AL-Dossary about the “outstanding Pipeline work for the year 1998.” December 6, 1997
- Letter from D.I. AL-Ruwaili to F.B. AL-Anizi concerning “Pipeline test holes results.” June 20, 1998

##### Letters on Operations/Personnel

- Draft letter to the Secretary of the Navy from Rhea Putnam, February 18, 1949
- تعميم \ إعلان من شركة خط الأنابيب عبر البلاد العربية- الظهران- بإسم رئيسها د. ر. فیت الى جميع الموظفين العاملين في المملكة العربية السعودية "أن خط الأنابيب الممتد الى لبنان سيقى مقفلا ما لم تحل مشكلة تحديد ودفع ثمن الزيت وتأثيره على وضعهم وعملهم بصفتهم من موظفي تابلاين." April 14, 1975 (Arabic + English)
- TAPLINE – Badanah (Correspondence related to TAPLINE-Badanah)
- Letter from A. A. Al-Dossary to all key personnel concerning “job reassignments.” (+ an attached organization chart of TAPLINE department - TAPLINE Operations Division) December 8, 1997
- Letter from D.I. Al-Ruwaili to A. A. AL-Dossary about the “weekly preventive maintenance schedule of both the mechanic and electrician for U.C.P stations in Saudi Arabia.” (+ an attached copy of the weekly schedule) November 22, 1997
- Letter from A. A. AL-Dossary to all “key personnel informing them that during his absence” D. I. AL-Ruwaili will be in charge of TAPLINE operations. November 26, 1997
- Letter from D.I. AL-Ruwaili to F.B. AL-Anizi about the “attached report that gives a summary on the performance and operations of unattended cathodic protection (U.C.P) stations and rectifiers operations for March 1998.” June 6, 1998

### **Letters on TAPLINE History**

- Letter from Rhea to John about what to include in TAPLINE History.  
April 24, 1998

### **File 2: Reports, activity logs, design data and manuals**

- A list of locations of the Pump Stations and Main Line Valves.
- Tabulated list of “Industrial Disabling Injuries” January 1, 1967 till April 30, 1967.
- An activity log recorded at Turaif and the Beirut Dispatcher’s Office between February 11, 1967 and February 13, 1967. Published in Beirut, February 23, 1967
- Authorization to proceed with pipeline reconditioning [initiated by D. I. Ruwaili; Contractor: Saad Abdulla Al-Sewilem Est] – Pipelines department.  
August 26, 1996
- اتفاقية بيع: من شركة الزيت العربي السعودية (أرامكو) لمؤسسة القمرى التجارية،  
سبتمبر ١٩٩٧

### **File 3:**

- (Chief Engineer) Culbertson, J. L., *Design Data for Crude Oil Flow Trans-Arabian Pipe Line, compiled by Trans-Arabian Pipe Line*, Engineering Department San Francisco, May 10, 1948. [Crude Oil Characteristics, Flow Calculations, Performance Curves, Conversion Charts]
- ATD-5710-F: Crude Oil Flow Sheet for Qaisumah, September 27, 1950.

### **File 4:**

- (Chief Engineer) Culbertson, J. L., *Estimate of Direct Costs for Maintenance and Operation Trans-Arabian Pipe Line, compiled by Trans-Arabian Pipe Line*, Engineering Department San Francisco, May 28, 1948

### **File 5:**

- Operation Training Manual Trans-Arabian Pipe Line Company Issued by Trans-Arabian Line Company, December 28, 1953

### **File 6:**

- Report: Pressure Increase Program of Trans-Arabian Pipe Line Company. By A. E. Olson chief engineer- Trans-Arabian Pipe Line Company. 1961
- Appendix VII: Profile Hydraulic Gradient: ATS-8074F

### **File 7:**

- TAPLINE Data Book. Table of Contents: 1) Physical Plant, 2) Investments and cost Data, 3) Operations and Operating Costs, 4) Economics
- TAPLINE Instruction Field Manual, February 1, 1969

- TAPLINE Special Instructions Manual for Calculation of Payout and Rate of Return, March 21, 1966
- Draft loos paper document titled: SAG Suppl. Fee

**File 8:**

- Manning Table – Trans-Arabian Pipe Line Company. (Location: Turaif Central Facilities – Saudi Arabia) December 31, 1967 and January 31, 1970.

**File 9:**

- Summary of notes to Mr. J. J. Makkinje compiled after the break and fire occurred at KM 435.430 and 435.635. March 3, 1985

**(Reports cont'd)**

**Box 5:**

**File 1:**

- Wolfe, Oscar and Johnson, S. P., *Reconnaissance of Alternate Routes for the Proposed Trans-Arabian Pipe Line April-May 1946*, July, 1946

**File 2:**

- Turner, R. E., *Nut Shell Cleaning Gas Turbines for Horsepower Recovery Potential. TAPLINE Engineering Report*, February 28, 1967, [Report no. Taper-67-2]
- *First Stage Nozzle replacement of Turbine 97604 (24x8) at Shubah spare foundation*, April 14, 1968. This report covers teardown inspection and reassembly of turbine 97604 for a new stainless steel first stage nozzle. [Report no.15] (Documents + photos)
- Fayad, Antoine, *Annual Oil Dispatching Report 1983*, January 15, 1983

**File 3: Outreach**

- Burnett, R.R., *Transient Pressures in Long Pipelines*, April 28-29, 1960 (Paper presented at the Annual Pipeline Conference, Tulsa, Oklahoma, April 28-29, 1960)
- Nibley, P. P. and Dreier, D. W., *Pipeline Economics and Technology in the Middle East*, October 1960. (Paper presented at the Second Arab petroleum Congress organized by the Secretariat general of the league of Arab states, October, 1960) (English + Arabic)

**File 4: TAPLINE Stickers – Arabic**

## **Series II: Photographs**

### **Box 4**

358 Black and White and Colored Photographs by Sarrafian, Beirut and by William Walden (1949) in different Sizes 7 x 10 cm; 12 x 18 cm. These photos document the Sidon terminal under construction and in operation, Damaged pipes and staff in Lebanon, Pipelines Leaks, staff, and the Saudi Aramco gated community and oil processing facilities in Abqaiq and Turaif in Saudi Arabia, Qariyatain, Golan and Deraa office in Syria and the pipelines leaks in Jordan.

#### **I. Saudi Arabia (112 photos)**

- 1- Abqaiq. (14 photos)
- 2- Turaif. (28 photos)
- 3- Staff: Terry in Saudi Arabia + banquet (21 Photos)
- 4- Damages 1966-1971, 1973-1975, 1985. (44 photos)
- 5- Pipelines. (5 photos)

#### **II. Lebanon (218 photos)**

- 1- Construction of Zahrani terminal 1949-1950, 1965-1969. (58 photos)
- 2- Pipelines Profile. 1965-1969. (30 photos)
- 3- Sidon Terminal Damage 1969-1973-1982. (112 photos)
- 4- Staff: Terry, Asmar, etc. (18 photos)

#### **III. Syria (7 photos)**

- 1- Joulan 1973. (1 photo)
- 2- Daraa office. (2 photos)
- 3- Staff 1980 (4 photos)

#### **IV. Jordan (20 photos)**

- 1- Pipelines Leaks damage 1971. (20 photos)

## **Series III: Maps and Plans**

### **Box 4 (Cont.)**

#### **File 1:**

- Geographic Map of the Wadi As Sirhan Quadrangle Kingdom of Saudi Arabia. by Richard A. Bramkamp, Glen F. Brown, Donald A. Holm, and Newton M. Layne Jr. published by the U.S. Geological Survey Washington D.C. 1962 [Miscellaneous Geologic Investigations MAP 1-200 B]; size 103 x 110; scale 1:500,000
- Israel Map of the Cease-Fire Lines (2 Maps – Israel North and South) + List of Settlements, Localities and Antiquity Sites- Supplement to Israel 1:250,000. November 1964; size of both maps 98 x 68; scale of both maps 1:250,000



**File 2:** Several TAPLINE plans and plots.

- TS-690: Profile & Hydraulic Gradient – Main Line, June 15, 1948
- TS-702: Pipeline Route, Station Locations and Water Wells, January, 1949
- TA-938: Piping & Instrument Diagram – Stations, November 10, 1947
- TS-918: Plot Plan – Stations, December 7, 1949
- TS-990: Pump House Equipment Layout – Stations. December 16, 1947

**File 3: (Oversize, both items are placed in the Oversize Archives drawer 11)**

One plan and one map

- Plan: Key Plot Plan Tank Farm Area, Sidon Terminal, size 74 x 106 cm; scale 1':200"; May 5, 1951; Engineering Department
- Map: Hydrographic Map of Shore Area, Sidon Terminal, size 192 x 85 cm; scale 1:4000; December 21, 1960; Engineering Department.

## **Series IV: Publications: Articles, Brochures, Pipeline Periscope, press clippings**

### **Box 6:**

**File 1: Articles and Charts (1948-2003)**

- Brochure: Operation TAPLINE. Arabian American Oil Company- Public Relations Department. New York (No date)
- The Building of TAPLINE. Arabian American Oil Company- Public Relations Department. New York ( No date)
- Chandler, W.R., *First Section of Trans-Arabian Line, Now in Use, Has Unusual Features*, The Oil and Gas Journal, August 19, 1948, pp. 66-68
- Putnam, R. H., *Selection of Control Valves for Large Capacity Liquid Pipe Lines*, World Oil, 1951,
- *The story of TAPLINE*, Pipeline News, July, 1951, pp. 23-38
- Gaskill, Gordon, *Miracles in the desert*, Reprinted from the American Magazine, September, 1953
- Saudi Arabia - *oil empire of the East*. Reprinted from World Petroleum, September, 1954
- TAPLINE: *A Report on Five Years of Successful Operation*. Reprinted from the Petroleum Engineer, April, 1956, pp. 605-612
- Brickhouse Jr., Captain A. A., *TAPLINE's Sidon Terminal*. Captain A. A. Brickhouse, reprinted from World Petroleum, June, 1957 pp. 1-5
- *TAPLINE: An Unnecessary Problem*, Le Matin An-Nahar Arab Report vol. 6, no. 6, April 21, 1975, pp.2-3
- Wier, Anthony, *A New Partnership: American Foreign Policy, the Oil Companies, and Middle Eastern Oil, 1941-1950*, December, 1995
- Stevens, Paul, *Pipeline or Pipe Dreams? Lessons From the History of Arab Transit Pipelines*, The Middle East Journal, Vol. 54, Issue 2, Spring 2000, pp. 224-241 (2 copies)
- Halliburton Pioneers Revolutionary Drilling and Intervention System; Real Time Solutions a Reality with Anaconda (TM) Technology. Halliburton Company - Press release, May, 2000 (3 copies)

- Vialls, Joe, *Kuwaiti Oil Explosion not an accident: 11th anniversary of "Gulf War" Al-Rawdatayn Blasts*, February 2001. (2 copies)
- Vialls, Joe, *The War on Terror "Home Run": Electronically Hijacking the World Trade Center Attack Aircraft*, October, 2001
- Vialls, Joe, *Israel Plans Blitzkrieg to Capture Arab Oil Fields: Operation Shekhinah, Part One*, January 30, 2002 (2 copies)
- Little, Douglas, *1949-1958, Syria: Early Experiments in Covert Action*, Press for Conversation, Issue# 51, May 2003 pp. 12-13
- *The Modern Worlds of Business and Industry: Cultures, Technologies, Labor*, Ed. Karen R. Merrill
- Little, Douglas, *Pipeline politics: America, TAPLINE, and the Arabs*, pp. 255-285

**File 2: Press Clippings (1970-1998)**

- Samara, Maha, *According to Saudi and TAPLINE sources, however, there is no immediate cause for concern*, p.9 (Unknown source and date)
- *TAPLINE repair was swift operatio*, Oil and Gas International, May 3, 1970
- *Trans-Arab Oil Pipeline to close*, International Herald Tribune, April 11, 1975, p.7
- Nuwayri, Jumana, *TAPLINE Countdown: TAPLINE has given its final word on the subject: the company will start closing down its operation next Saturday, May 10, unless...* Monday Morning, May 5, 1975, pp.10-12
- *The analysts are skeptical: Saudi Arabia: \$ 31.5 B. to spend in 1977-78*, IKE. Vol. XXV No. 6964, Published by Monday Morning Group, July 1, 1977, p.13
- *Kelberer: proud of the past, optimistic about the future*, The Arabian Sun. Vol. XXXIX, No.21, Published by Aramco, Dhahran, Saudi Arabia. May 25, 1983, p.3
- *New LPG loading facility goes into operation at Qatif*, The Arabian Sun. Vol. XXXXI. No.46, Published by Aramco, Dhahran, Saudi Arabia. December 4, 1985, pp.1,8
- *Gas Field discovered. The Arabian Sun*. Vol. XLVI, No.25, Published by Aramco, Dhahran, Saudi Arabia, June 13, 1990, pp.1,8
- *Engineers, Lab Scientists attend orientation workshop*, The Arabian sun. Vol. XLVI, No.23, Published by Aramco, Dhahran, Saudi Arabia, June 20, 1990, pp.1,8
- *Hisham Nazer Tours Aramco, talks to employees*, The Arabian sun. Vol. XLVI, No. 33, Published by Aramco, Dhahran, Saudi Arabia, September 5, 1990, pp.1,4
- *Obituary of John J. Kelberer 1926-1991, Former CEO Kelberer dies*, August 1991 (Source unknown)
- *Turbulent Years: some important dates in Israel's History*, April 30, 1998, p.25 (Source unknown)
- Sign for Aramco Zoo - Dhahran Wild Animal Park.

### **File 3: Pipeline Periscope: TAPLINE's magazine (1958-1975)**

*(An incomplete run of the Pipeline Periscope v. 7-25, 1958-1975)*

- Vol. 7 no. 10 1959
- Vol. 8 no. 12 1960
- Vol. 9 no. 1 February 1961
- Vol. 13 no. 11 December 1964
- Vol. 14 no. 6 July 1965
- Vol. 14 no. 7-8 August-September 1965
- Vol. 18 no. 6 December 1967
- Vol. 18 no. 7 1967
- Vol. 18 no. 2 April 1968
- Vol. 19 no. 2 April 1969
- Vol. 20 no. 1 March 1970
- Vol. 20 no. 2 May 1970
- Vol. 22 no. 4 June 1972
- Vol. 22 no. 7 December 1972
- Vol. 23 no.1 January 1973
- Vol. 23 no. 2 March 1973
- Vol. 24 no.1 February 1974
- Vol. 24 no.7 November 1974
- Vol. 25 no.1 March 1975

*See also at Al Mashriq: TAPLINE's magazine, the "[Pipeline Periscope](#)" 1953-1974*

### **Related Material**

#### **Digital Resources**

- [Tapline](#)
- [Trans Arabian Pipeline - Al Mashriq](#)
- [Zahrani Oil Installations \(ZOIL\)](#)

#### **Theses**

- Shine, J. W. (1953). *Aramco and TAPLINE in international oil*, (B.S. Thesis), Massachusetts Institute of Technology, Dept. of Economics and Engineering, 1953. <http://hdl.handle.net/1721.1/68286>
- Abu Shanab, A Latif Ahma. *Error analysis: a study of Saudi Arabian Aramco students' compositions*, (M.A. Thesis), American University of Beirut. Faculty of Arts and Sciences. Department of Education, 1978. <http://hdl.handle.net/10938/3236>
- Baalbaki, I. B. (1987). (M.B.A. Project), *Zahrani refinery: minimum subsidy petroleum by-products mix, a linear programming application*, American University of Beirut. Faculty of Arts and Sciences. Graduate School of Business and Management. <http://hdl.handle.net/10938/4270>
- Hamdan, M. R. (2003). *Feasibility study of the rehabilitation and expansion of existing oil refineries in Lebanon*, (M.B.A. Project), American University of Beirut. School of Business. <http://hdl.handle.net/10938/6600>

- Ali, A. (1993). *Rehabilitation and expansion of Zahrani refinery "feasibility study"*, (M.B.A. Project), American University of Beirut. Faculty of Arts and Sciences. Graduate School of Business and Management. <http://hdl.handle.net/10938/4727>
- Sinno, A. A. (2012). *Feasibility study for a new oil refinery in Lebanon*, (M.B.A. Project), American University of Beirut. Faculty of Arts and Sciences. Graduate School of Business and Management. <http://hdl.handle.net/10938/9433>

## Books

- Anderson, I. (2014). *Aramco, the United States, and Saudi Arabia: A Study of the Dynamics of Foreign Oil Policy, 1922-1950*. Princeton: Princeton University Press. [J 338.762:A546a:c.1](https://doi.org/10.1515/9781400853144); doi: [10.1515/9781400853144](https://doi.org/10.1515/9781400853144)
- Arabian American Oil Company. (1968). *Aramco Handbook; Oil and the Middle East*. Arabian American Oil Company. [J 953.8:A658a:1968](https://doi.org/10.1515/9781400853144)
- Brown, Anthony Cave. (1999). *Oil, God, and Gold: The Story of Aramco and the Saudi Kings*. Boston: Houghton Mifflin. [J 338.762:B877g:c.1](https://doi.org/10.1515/9781400853144)
- Clark, A. P., Facey, W., and A. Pledge, T. (2006). *A Land Transformed: The Arabian Peninsula, Saudi Arabia, and Saudi Aramco*. Edited by Muhammad A. Tahlawi. Dhahran, Saudi Arabia : Houston, Tex: Saudi Arabian Oil Co. (Saudi Aramco); Aramco Services Co. [F 953.8:L253f:c.1](https://doi.org/10.1515/9781400853144)
- Nawwab, I. I., Speers P.C., and Hoyer, P. F., eds. (1980). *Aramco and Its World: Arabia and the Middle East*. Dhahran, Saudi Arabia: Aramco. [J 953.8:A658a:1980:c.1](https://doi.org/10.1515/9781400853144)
- Pakka, K. L., ed. (2006). *The Energy Within, A Photo History of The People of Saudi Aramco*. Dammam, Saudi Arabia: Saudi Arabian Oil Company. [F 338.272:E569p:c.1](https://doi.org/10.1515/9781400853144)
- Pledge, T. A. (1998). *Saudi Aramco and Its People: A History of Training*. Dhahran, Saudi Arabia : Houston, Tex: Saudi Arabian Oil Company ; Aramco Services Company. [J 338.272:S255d:c.1](https://doi.org/10.1515/9781400853144)
- Trans-Arabian Pipe Line Company. (1951). *Tapline: The Story of the World's Biggest Oil Pipe Line*. New York. [J 338.272:T77t:c.1](https://doi.org/10.1515/9781400853144)
- Vitalis, R. (2009). *America's Kingdom: Mythmaking on the Saudi Oil Frontier*. London: Verso. [J 338.76655:V837a:2009:c.1](https://doi.org/10.1515/9781400853144)

## Articles

- [An Enemy Below](#), Da Cruz, D., JA 65: 12-13
- [The Great Badanah Flood](#), Hoyer, P. F., MA 68: 32-39
- [The Long Steel Shortcut](#), Da Cruz, D., SO 64: 16-25
- ["Milk Run"](#), Oct 61: 12-15
- [Terminal](#), El Nasr, K. A., SO 66: 29-32

- [«التابلاين».. رواية تحكي تاريخ إنجاز أكبر خط لنقل النفط في العالم](#)
- [وعد الشمال تعيد ذكرى خط «التابلاين».. الحلم لم يعد مستحيلاً](#)
- [التابلاين.. موت محطة أنجبت مدينة عرعر](#)
- [التابلاين.. سيرة أطول مشروع هندسي في العالم](#)
- [سرقة أنابيب خط النفط 'التابلاين' المار بالأردن](#)
- [التابلاين... أنبوب \(نفت\) أسس مدن سعودية](#)
- [تابلاين](#)

## Photographs

- Engineering students on a trip to Trans-Arabian pipeline terminal in Sidon, 1953 [Ph:AUB:1953/01/09\(16\):01:45](#)
- First Oil Exhibition 1960 [Ph:AUB:1960/01/11:1-4:49](#)
- American Economists visit to AUB 1975 [Ph:AUB:1975/02\(09\):01:54](#) *see AUB Bulletin V.18, No 10, Feb. 20, 1975 p:4.*

## Maps

- The Middle East 1971, [MP 912.56:MID:1971](#)
- Middle East area oilfields and facilities / United States. Central Intelligence Agency [MP 912.56:MID:1980a](#)

## Videos

- [قصة خط التابلاين تحكي تاريخ منطقة الحدود الشمالية للسعودية](#)