

# Attacks disrupt Saudi Aramco's operations

Saudi Arabia's oil production and exports have been disrupted by attacks on two major oil facilities run by state-owned company Saudi Aramco, including the world's biggest petroleum processing facility in Abqaiq. Here are some key facts about the two facilities and the historically secretive oil company.

## ABQAIQ

- Located **60km** south-west of Aramco's Dhahran headquarters in eastern Saudi Arabia.

- Seen as one of the most critical facilities in the world for oil supply.

- Its plants are built to process about 7 million barrels per day of oil, amounting to about

**70%** of total Saudi output. Saudi Arabia produced 9.85 million barrels of oil per day in August, or about

**10%** of the global supply.

- Output from the Shaybah, Khurais and Ghawar oilfields are all processed in Abqaiq. The Ghawar oilfield is the biggest in the world with reserves of over

**60b**

barrels and a daily output capacity of

**6m**

barrels.

## SAUDI ARAMCO

- The world's **biggest** oil company.

- In 2017, it had liquid reserves of **260.2b** barrels of oil equivalent, with an estimated reserve life of

**54 years**

That's larger than the combined reserves of Exxon Mobil, Chevron, Royal Dutch Shell, BP and Total.

- Last year, almost three quarters of Aramco's crude exports, about

**5.2m**

bpd, were delivered to customers in Asia, its largest-growing demand base. Its Asian buyers include China, India, South Korea, Japan and Taiwan. Its crude deliveries to North America reached more than

**1m** bpd last year; and to Europe, **864,000** bpd.

## KHURAIS

- Khurais, located

**200km**

further south-west from Dhahran, is Saudi Arabia's second-biggest oilfield.

- With a production capacity of

**1.45m**

barrels per day, it produces about

**1%** of the world's oil.

- Aramco produced

**10.3m**

bpd of crude last year, touting the lowest cost in the world to produce crude, at US\$2.80 per barrel.

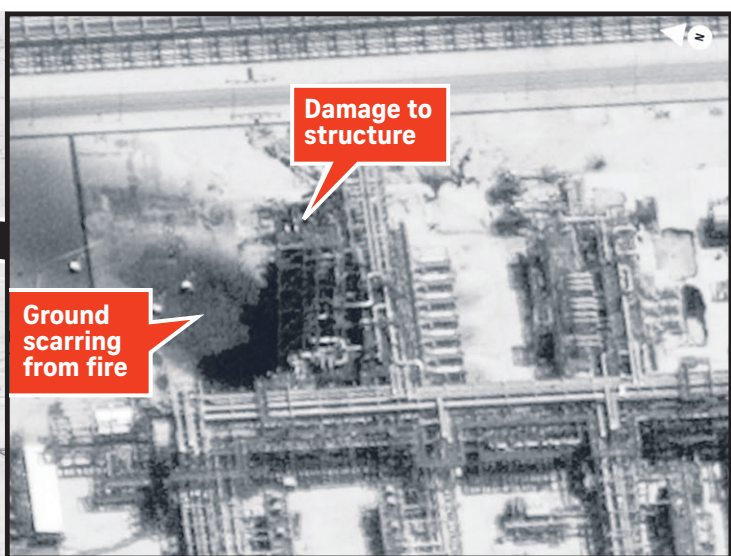
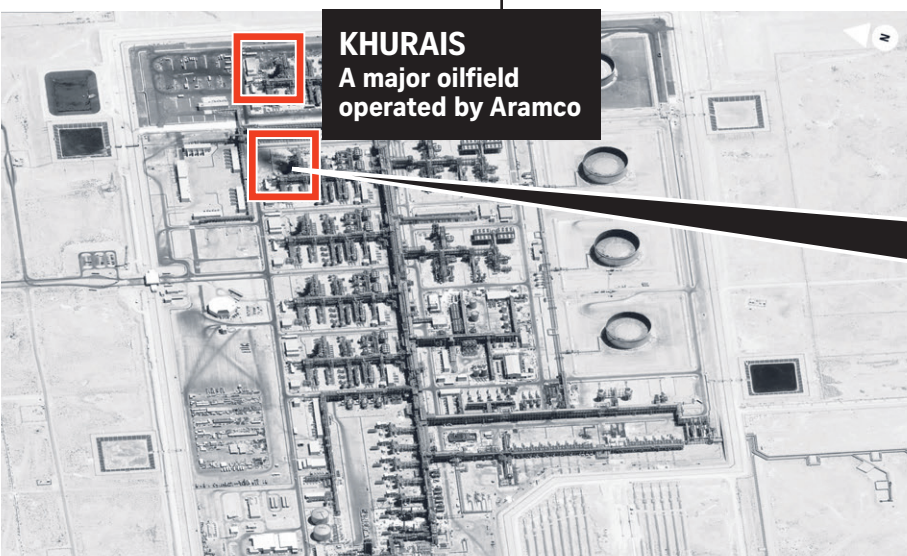
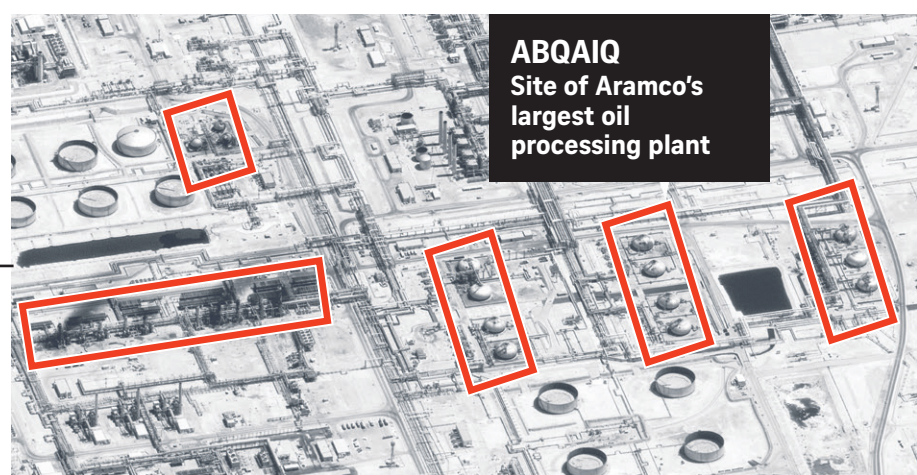
- Aramco produces, refines and exports oil from Saudi Arabia, but has refining operations across the globe.

- It is also expanding its oil refining and downstream capacity in Asia, particularly in rapidly growing countries such as China and India.

## DAMAGE TO OIL/GAS INFRASTRUCTURE

**□ Damaged areas**

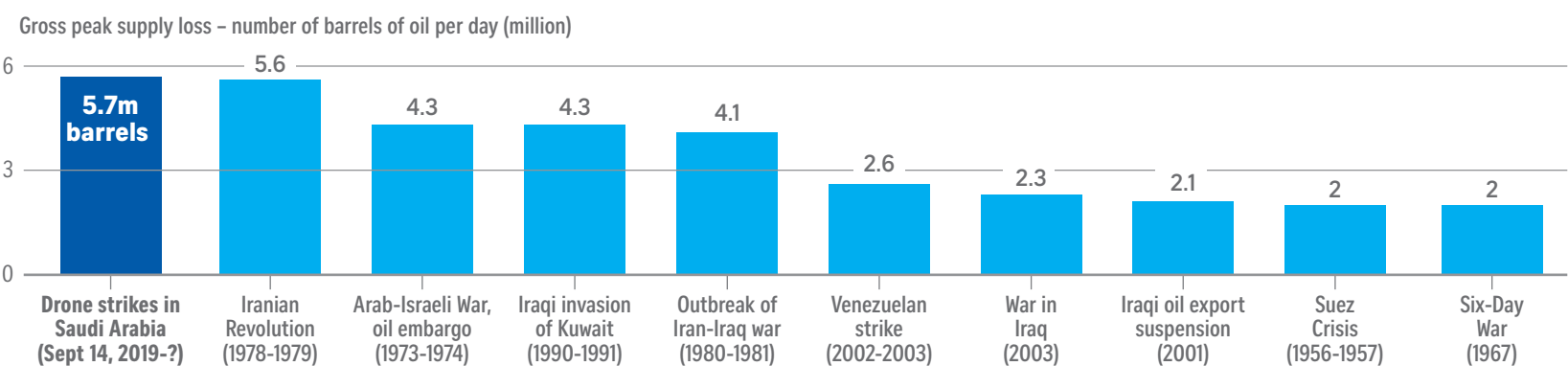
- US official says 19 points of impact on Saudi facilities show launch area was in the direction of Iraq and Iran, not Yemen



NOTE: Images dated Sept 15.

## OIL DISRUPTIONS

Drone strikes in Saudi Arabia result in biggest disruption in history.



Sources: WASHINGTON POST, BLOOMBERG, BBC, AFP, REUTERS, INTERNATIONAL ENERGY AGENCY PHOTOS: US GOVERNMENT/DIGITALGLOBE STRAITS TIMES GRAPHIC