50 Years OF ACHIEVEMENTS

ARGAS

الشركة العربية للجيوفيزياء والمساحة

The Arabian Geophysical & Surveying Company

Where we are heading

(ARGAS Wide Azimuth Vision "AWAV")

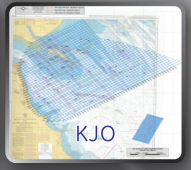
VALUE

Expand Business non-conventionally

LATERAL GROWTH

ARGAS

DIVERSITY



Build on strength (Adjacent markets) Expand in Geophysical Services

ARGAS Technology Center 2009

ARGAS Technology Center in Dhahran Techno Valley 2013

Innovation & R&D Dhahran Techno Valley Center

TECHNICAL DEPTH

Who We Are?

The Arabian Geophysical & Surveying Company (ARGAS) was established on January 13th, 1966 as a Limited Liability partnership between the Industrialization & Energy Services Company (TAQA) which owns 51% of the shares and Compagnie Générale de Géophysique (now CGG) which owns the remaining 49%.

Board of Directors

H. E. Mr. Mahmoud M. AbdulBaqi
Chairman

Dr. Zamil A. Al Mokrin
Board Member Industrialization & Energy Services Company (TAQA)

Mr. Khaled A. Al- Buraik
Vice President, Petroleum Engineering & Development, (Saudi Aramco)

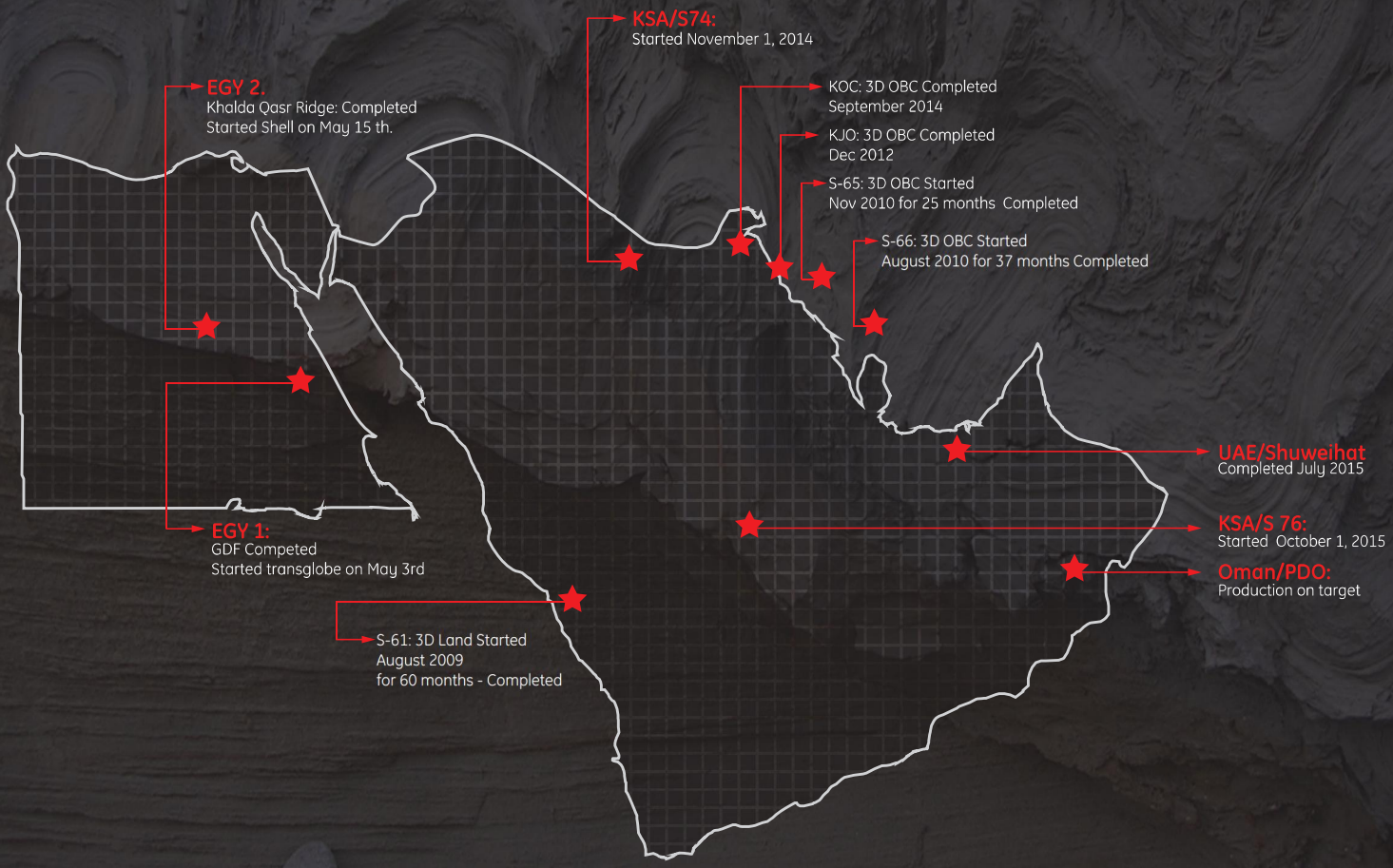
Mr. Jean-Georges Malcor
Chief Executive Officer, (CGG)

Francois Hermal
SVP, Deputy to COO, CGG

Mr. Saad S. Al Akeel
Chief Executive Officer, ARGAS

Mr. Eric Lavorel
Chief Operations Officer, ARGAS

Operations Overview



Our Commitment

ARGAS

is dedicated to setting the highest possible standards in all areas of our business, while delivering solid, sustainable results for the benefit of our clients, shareholders and employees.

Mission

We will achieve our vision through continuous development and strategic partnerships, with a long-term commitment to provide :

- Technical expertise
- Quality services and products
- Comprehensive network of business relationships
- Rewarding and professional work environment

Vision

To be the best in class geosciences service company in the Middle-East to all our stakeholders, through process and technology innovation, commitment and teamwork; while conducting our business with integrity.

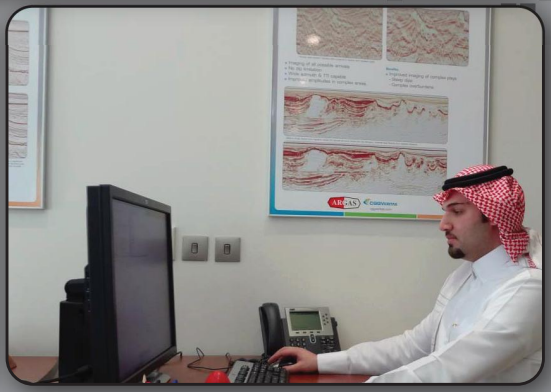
Values

In all we do, we carry our values:

- Integrity
- Commitment
- Innovation
- Teamwork

Saudi Aramco Executives visit to ARGAS Crew

Signing collaborations with King Abdulaziz University



Human Resource

Developing Human Capital in ARGAS

plays a significant role in establishing the company's excellence. ARGAS takes pride in developing qualified staff in the region through intensive field-base training programs.

Why Join US?

What are the benefits you get when you work for ARGAS?

Be part of a multinational high professional culture, working in challenging environments with dynamic, talented people and the latest technology.

ARGAS recognizes and encourages professional growth and achievement,

ARGAS provides its employees with opportunities to develop their expertise.

Dhahran Techno Valley

Arabian Geophysical and Surveying Company (ARGAS) has joined Dhahran Techno Valley in 2013

The signing ceremony was held at the KFUPM in the presence of its Rector Khalid Al-Sultan and DTVC Chairman Amin H. Nasser, SVP, upstream operations, Saudi Aramco; Abdulrahman M. Bin Zarah, president TAQA; Saad Al-Akeel CEO of ARGAS and Officials of KFUPM, Saudi Aramco, ARGAS and DTVC Board Member.

The agreement stipulates establishment of ARGAS center for research and innovation in the field of earth sciences and advance data processing seismic survey.


ARGAS
DTVC – ARGAS SIGNING CER ONY
4th Nov 13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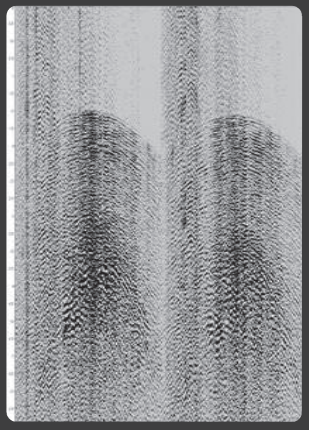
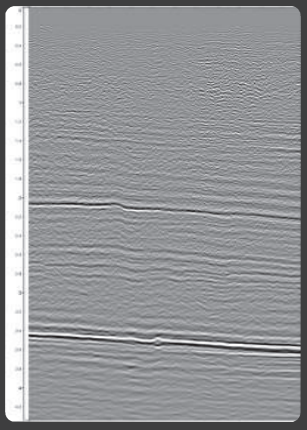
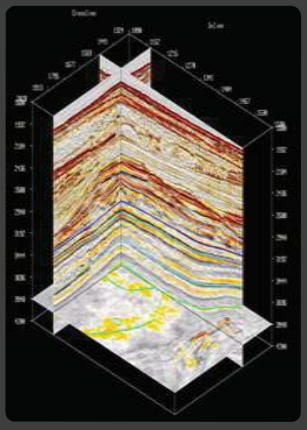
ARGAS Technology Center

Processing & Imaging

Data processing converts field recordings into meaningful seismic image that reveal and help delineate the subsurface stratigraphy and structure that may contain hydrocarbons.

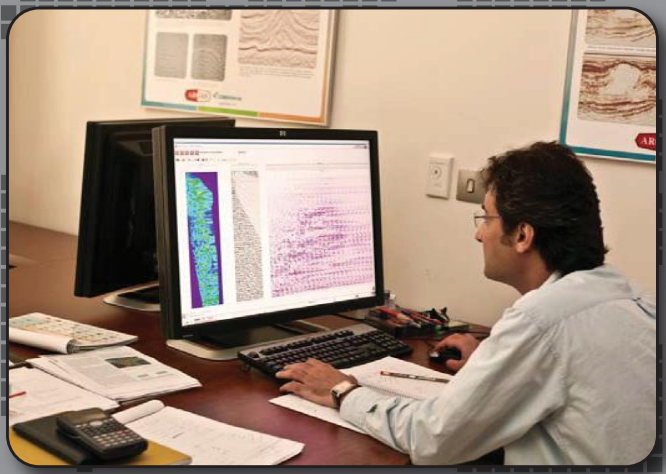




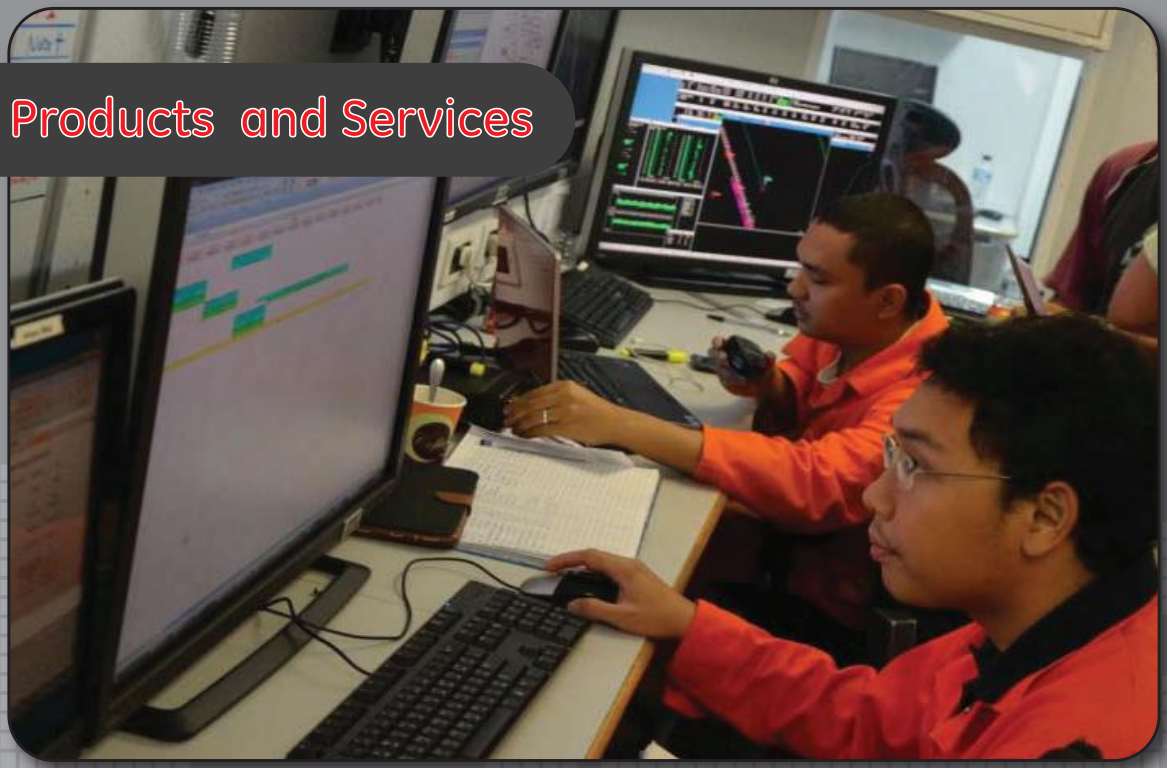


Processing routines generally fall into one of the following categories:

- Enhancing signal at the expense of noise.
- Providing velocity information.
- Collapsing diffractions and placing dipping events in their true subsurface locations (migration).
- Increasing resolution.



Products and Services



Throughout our 50 year history the acquisition of seismic data has been at the core of ARGAS's business. Until 2007 ARGAS specialised in the 2D and 3D land acquisition in the Kingdom of Saudi Arabia. Since then with the support of our technical partner CGG, we have diversified our services in the data acquisition business and undertaken the following with the latest technology available in the market-place:

- 3D marine surveys in the KSA waters of the Arabian Gulf
- 2D shallow marine survey in Kuwait
- 3D Ocean Bottom Cable surveys in both KSA and Partitioned Neutral Zone waters
- 3D Transition zone survey in KSA
- 2D and 3D land permanent reservoir monitoring surveys
- Micro-seismic monitoring surveys
- Opened a technology Centre in Al Khobar in 2008 to provide seismic imaging, reservoir and training services

ARGAS is now able to offer to our clients a full range of geo-scientific services including non-seismic geophysical techniques such as airborne gravity and magnetic surveys

Land Data Acquisition

Since 2006 ARGAS has operated four Land Vibroseis 3D and one Land 2D Vibroseis seismic crews acquiring over 47,000 km² of seismic data in the Kingdom of Saudi Arabia with the very latest in acquisition technology. All our Land 3D crews are equipped with:

- Over 10,000 channels of Sercel 428 equipment
- More than 40,000 strings (12 elements) of Sercel SG10 geophones
- 12 Sercel Nomad 65 Vibrators
- Air-conditioned trailer camps for both Senior and Junior staff
- Vehicle fleets of over 40 light and 60 heavy vehicles all equipped with vehicle tracking, driver monitoring and speed limiting technology

Recent technical achievements include the application of slip sweep and simultaneous Vibroseis source techniques on two crews achieving a record 44,000 VPs production in 24 hours under test conditions.

Supporting these operations from Al Khobar are dedicated warehouse, workshops, yard and office facilities.

Transition Zone and Shallow Water Data Acquisition

ARGAS recently completed a 15 month 3D two component (2C) transition zone survey utilising the following technologies:

- Two recording systems master / slaved: Sercel 408 ULS for the offshore section and Sercel 428 in transition zone (WPSR cable) and land (STPL cable)
- Three receiver types: hydrophones, marsh geophones and land geophones
- Three cources: two shallow water sources vessels using airgun arrays in fli-flop mode, shot-hole drilling / explosives and Vibroseis.

ARGAS is currently acquiring a 2D 2-C shallow water survey offshore Kuwait utilising 50 kms of Sercel 408 ULS cable with a 50m receiver point interval with an airgun source.

Marine and Ocean Bottom Cable Data Acquisition

In the four year period from 2010 to 2013 ARGAS operated the world's two largest Ocean Bottom Cable crews acquiring over 13,500 km² of high quality 3D four component (4C) seismic data in the KSA waters of the Arabian Gulf and the Partitioned Neutral Zone with Kuwait. These crews were equipped with:

- Over 140 kms of SeaRay 300 Ocean Bottom Cable @ 50m receiver point interval
- Over 80 kms of SeaRay 300 Ocean Bottom Cable @ 25m receiver point interval
- Two source arrays (6 Sercel G-gun Strings) per crew which allowed flip-flop shooting
- Gator command and control navigation systems with a 4D module developed specifically for ARGAS

ARGAS can offer both 2D and 3D Marine streamer services with the support of our partner CGG. ARGAS recently undertook 3D streamer surveys in the KSA waters of the Arabian Gulf which preceded the above mentioned OBC acquisition.

HSE (Health, Safety and Environment)

ARGAS considers the Health, and Safety of all persons who work, visit or come into contact with the company as its primary goal; therefore ARGAS strives to provide a healthy work environment where it believes it is possible to provide safe workplaces free from accidents and harm to the individual.

ARGAS equally ensures it has the policies, procedures and in place for the protection and sustainability of the environment.

ARGAS Policies are an overview of the company's desire to implement, maintain and develop the structure of the company that will demonstrate visibly of its commitment.

The principles of a safe and healthy working environment rely on employees and sub-contractors working together, using the reporting tools available and the cross flow of information through regular dialog including meetings, site visits and inspections. To manage, record, review and analyse health, safety and environmental processes the PRISM system is utilised.

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