Sergipe Basin Undrilled Potential Surpasses Giant Offshore Discoveries

High-resolution 3D seismic data and new 2D lines acquired over the Sergipe Basin during the last few years, have confirmed the presence of a turbidite system. The system has been identified in seismic profiles over an area encompassing the Sergipe Basin (Figure 1), has confirmed the extension of a turbidite system, and has generated a higher density of targets as a result of the exercise. The outcome of the exercise will be a higher density of targets, including a number of new opportunities that were previously undrilled. The high-resolution 3D seismic data has been acquired to capture the complexity of the subsurface and to better understand the nature of the extension of the turbidite system. This modelling exercise has also revealed the presence of a relatively clear Moho (Saunders et al., 2017). The high-resolution 3D seismic data has been acquired to capture the complexity of the subsurface and to better understand the nature of the extension of the turbidite system. This modelling exercise has also revealed the presence of a relatively clear Moho (Saunders et al., 2017). The high-resolution 3D seismic data has been acquired to capture the complexity of the subsurface and to better understand the nature of the extension of the turbidite system. This modelling exercise has also revealed the presence of a relatively clear Moho (Saunders et al., 2017). The high-resolution 3D seismic data has been acquired to capture the complexity of the subsurface and to better understand the nature of the extension of the turbidite system. This modelling exercise has also revealed the presence of a relatively clear Moho (Saunders et al., 2017).
...petroleum system, allowing for the identification of multiple untested play types. Source rock, reservoir, seal and trap evaluation has provided a clearer picture of crustal architecture, resulting in a better understanding of the main elements of the petroleum system, allowing for the identification of multiple untested play types.

Gravity Modelling

A crucial step in the evaluation of play types is the identification of potential petroleum systems. This involves the identification of source rock, reservoir, seal and trap elements, which are critical for the generation and preservation of hydrocarbons. Gravity modelling is a technique used to determine the density distribution of subsurface structures, which can help identify potential trap geometries.

The results of gravity modelling can be used to constrain the geometry of subsurface structures, which is important for understanding the potential for hydrocarbon accumulation. Gravity anomalies can be used to identify potential traps, such as structural highs or sedimentary basins, which are critical for the generation and preservation of hydrocarbons.

Sergipe Basin Potential Revealed

Integration of seismic attributes and potential field data has resulted in a better understanding of the main elements of the petroleum system, allowing for the identification of multiple untested play types.

Petroleum System

From keeping tabs on your region to seeing what the world has to offer, NAPExpo has something for everyone. New this year, Summer NAPExpo is organizing Hot Play Happy Hours to gather attendees who share business and industry Alphas.

REGISTER TO EXHIBIT & ATTEND AT www.NAPEexpo.com

Hot Play Happy Hours

The Hot Play Happy Hours are a new feature of the event, designed to provide attendees with an opportunity to network and connect with colleagues in a relaxed and engaging environment. These events are hosted in popular bars and restaurants around the city, and feature a variety of musical performances and entertainment. Attendees are encouraged to dress in casual attire, and there is no charge to attend.

EXHIBIT AT SUMMER NAPExpo

This year, NAPExpo is offering exhibitors a unique opportunity to showcase their products and services to a diverse and engaged audience. The event features a range of exhibitor opportunities, including display and demonstration areas, as well as opportunities to participate in panel discussions and workshops.

NAPExpo attendees are professionals from a wide range of industries, including oil and gas exploration, production, and services. This year, the event is expected to attract over 15,000 attendees, providing an excellent opportunity for exhibitors to connect with potential customers and partners.

Whether you are a seasoned exhibitor or a first-time participant, NAPExpo offers a range of opportunities to maximize your investment and reach your target audience.

REGISTER TODAY TO SECURE YOUR SPOT AT SUMMER NAPExpo
The Sergipe Basin is located offshore northeast Brazil. It is approximately 145,000 km² and extends from Bahia in the north to Alagoas in the south. With an oilfield area of 1.457 billion barrels of oil, it is the largest in Brazil in terms of the mean geological reserve. The Sergipe Basin is divided into two sub-basins, Sergipe in the south and Pernambuco in the north. The onshore basin is mature, having experienced a huge potential. Many new untested play types include Early and Late Cretaceous, syn-rift unconformity truncation plays similar to those associated with the successful Dentale play fairway. These modelled gravity inversions confirm that the undrilled potential offshore Sergipe easily surpasses those associated with the successful Dentale play fairway. A reinterpretation of a seismic line in time, displaying the (Far-Near*Far) angle corrected, shows the true geometry of this basin floor fan. The conventional seismic line in time, displaying the (Far-Near*Far) angle corrected, shows the true geometry of this basin floor fan. It is being tested by the Yakaar well offshore Senegal and is part of a long-term syn-exploration agreement spanning half a century which has been put together showing huge flows less than dipping with superb licensing and excellent economics. The Yakaar field, which has met or exceeded its pre-drill estimates, is being tested by the Yakaar well offshore Senegal and is part of a long-term syn-exploration agreement spanning half a century which has been put together showing huge flows less than dipping with superb licensing and excellent economics. The Yakaar field, which has met or exceeded its pre-drill estimates, is expected to develop by a major extensional rift phase and the presence of a landward and pinching out towards the mid-oceanic ridge.

Figure 5: Dip line (a) and strike line (b) through the Barra well. Source rock, reservoir, seal and trap evaluation has been put together to illustrate the various play types that are implied by this stretching basin (Figure 2). The beta factors imaging (see foldout). The interpreted seismic line in time, displaying the (Far-Near*Far) angle corrected, shows the true geometry of this basin floor fan. The conventional seismic line in time, displaying the (Far-Near*Far) angle corrected, shows the true geometry of this basin floor fan. It is being tested by the Yakaar well offshore Senegal and is part of a long-term syn-exploration agreement spanning half a century which has been put together showing huge flows less than dipping with superb licensing and excellent economics. The Yakaar field, which has met or exceeded its pre-drill estimates, is expected to develop by a major extensional rift phase and the presence of a landward and pinching out towards the mid-oceanic ridge.

PETROBRAS

Figure 4. These discoveries are in the northern channel associated with the Sergipe-Baía-Mariño Fault, that is associated with salt tectonics (Petroleum Horizon) and with structural closures in close proximity of its flanks (petroleum arc). The salt tectonics is associated with salt-related structures and the structural closures are a result of both salt movement and structural deformation. These discoveries are in the northern channel associated with the Sergipe-Baía-Mariño Fault, that is associated with salt tectonics (Petroleum Horizon) and with structural closures in close proximity of its flanks (petroleum arc). The salt tectonics is associated with salt-related structures and the structural closures are a result of both salt movement and structural deformation.

GEOExPro

May 2017

Hot Play Happy Hours
To gather attendees who share business in today's active plays.