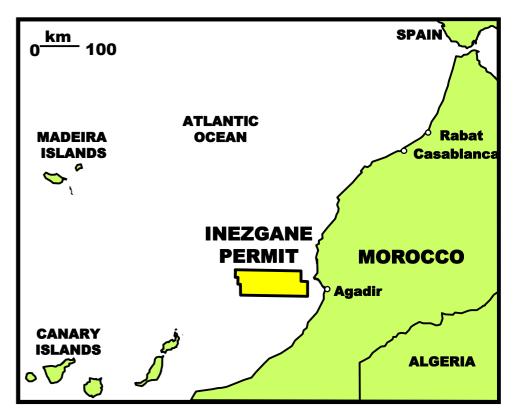
Europa Oil and Gas Inezgane Offshore Permit Morocco



Overview

* * * * * * * **EUROPA** * Oil & Gas

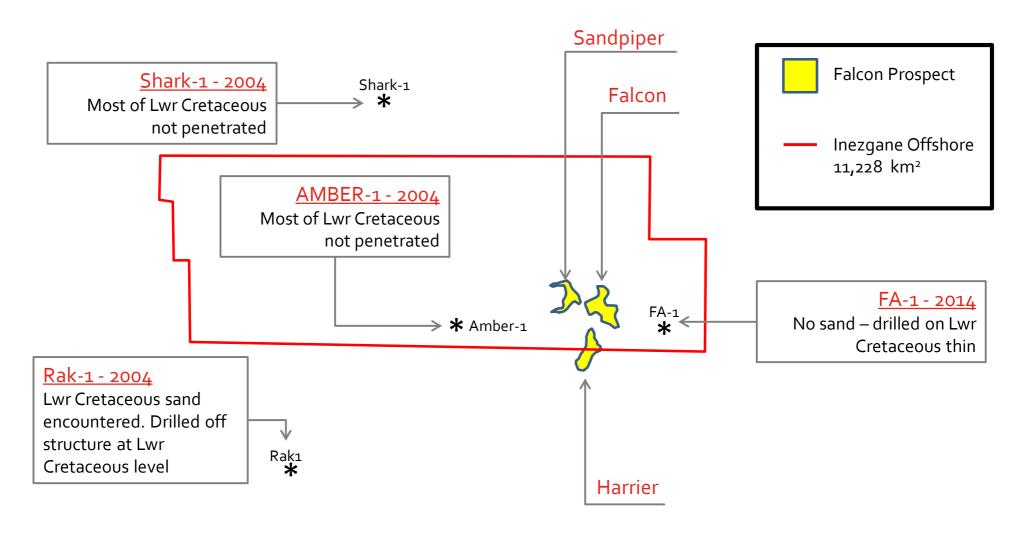
- Awarded the 'Inezgane Offshore' Permit in Morocco covering some 11,228 km²
 - Europa (Operator) 75% & ONHYM 25%
- Inezgane Permit lies in the Agadir Basin in water depths of 600m to 2000m
- Potentially large stacked prospects identified with 250 mmbo plus
- Target to mature identified prospects to drillable status over next 2-years and attract farminee to drill in 2021 or 2022
- Lower Cretaceous is inadequately tested in Morocco - if play can be unlocked enormous upside lies within rest of Inezgane Permit
- Attractive licence and fiscal terms



1

Inezgane Offshore Permit

Well Database – Only 2 wells drilled on the Inezgane permit



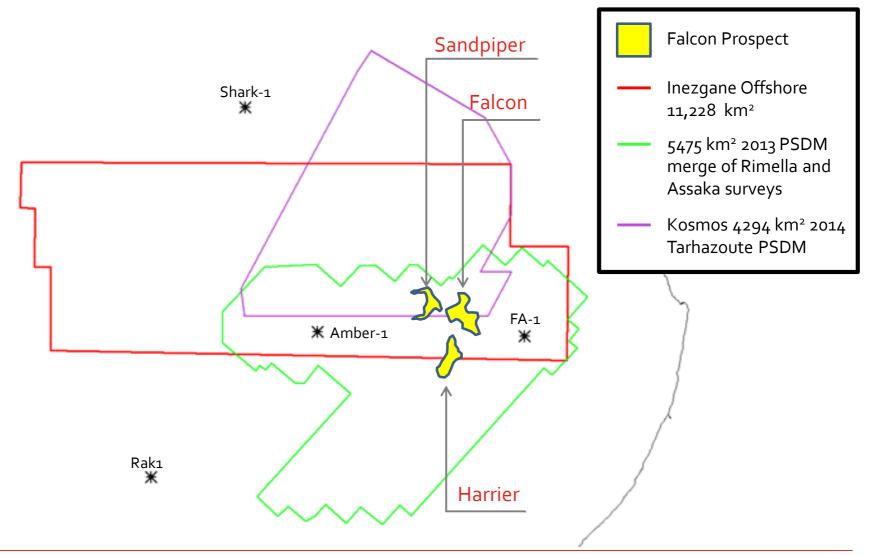
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EUROP/ Oil & Gas

Inezgane Offshore Permit

* * * * * * * **EUROPA** * _{*} Oil & Gas

Seismic Database - Extensive 3D seismic data available



3

Deepwater Drilling Exploration History in Morocco





10 deepwater wells have been drilled offshore Morocco

• No commercial discoveries have been made although CB-1, drilled offshore Southern Morocco, did encounter 14m of gas condensate in Albian sandstones



Of these 10 wells, 8 have targeted clastic reservoirs, essentially turbidite sands, while 2 targeted Jurassic carbonates

Of the 8 wells targeting turbidite sands only 3 have penetrated below the Base Cretaceous



Europa's focus on the Inezgane Permit is the Lower Cretaceous which is clearly highly underexplored



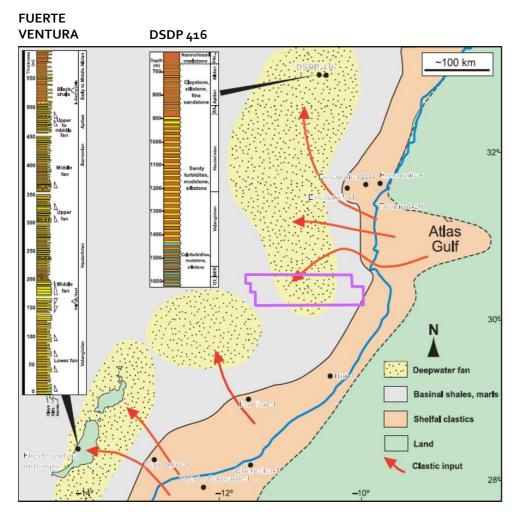
A number of active neighbours to the licence:

- Genel recently shot 3,500 km of 3D seismic over the Sidi Moussa offshore permit
- ENI recently farmed out a 30% interest in Tarfaya Offshore to Qatar Petroleum

Reservoir



Lower Cretaceous Play Concept

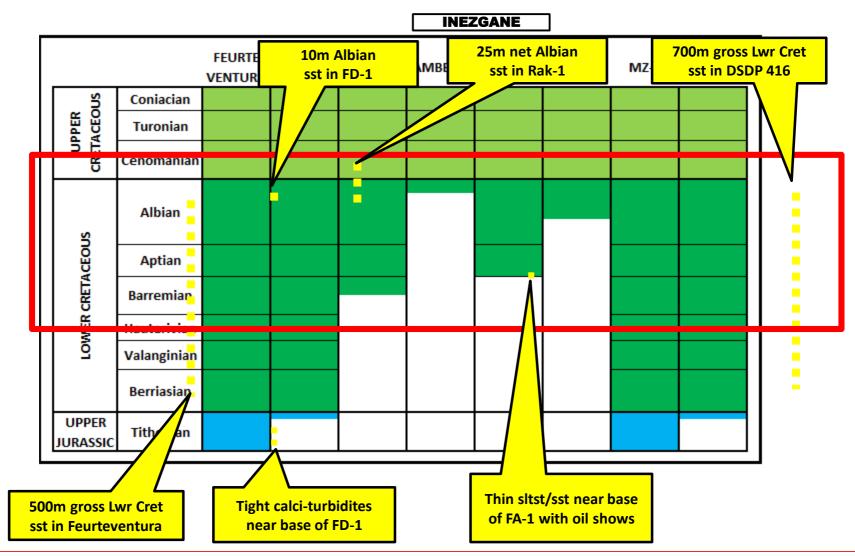


- Europa has built a regional model with Lower Cretaceous sediment input emanating from the onshore Morocco (Atlas Gulf)
- Turbidite sands of Lower Cretaceous age encountered in DSDP 416 and exposed on the island of Fuerteventura
- Thick turbidite sand units in deepwater wells drilled to-date have so far been elusive
 - However wells have targeted salt related structures where the Lower Cretaceous has thinned and where reservoir risk is higher (bald highs)
- Europa has identified some structural traps where the Lower Cretaceous remains thick and where reservoir risk is reduced.

Reservoir

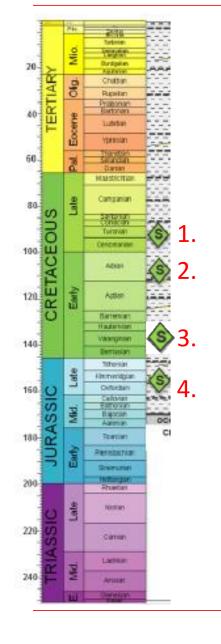


Lower Cretaceous Sandstone Occurrence



Source Rocks



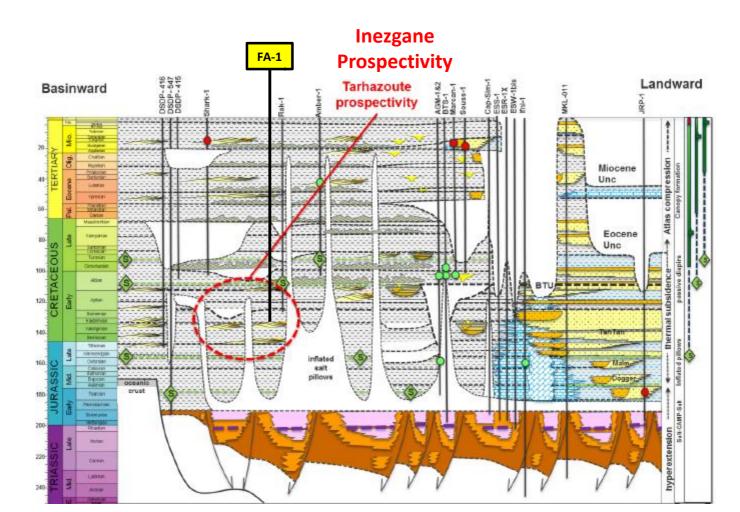


- Number of candidate source rocks at various stratigraphic levels based on samples (well cuttings, oil typing and outcrop) and shows as follows:
 - **1**. Cenomanian-Turonian
 - 2. Albian-Aptian
 - 3. Barremian and older
 - 4. Upper Jurassic

Seal

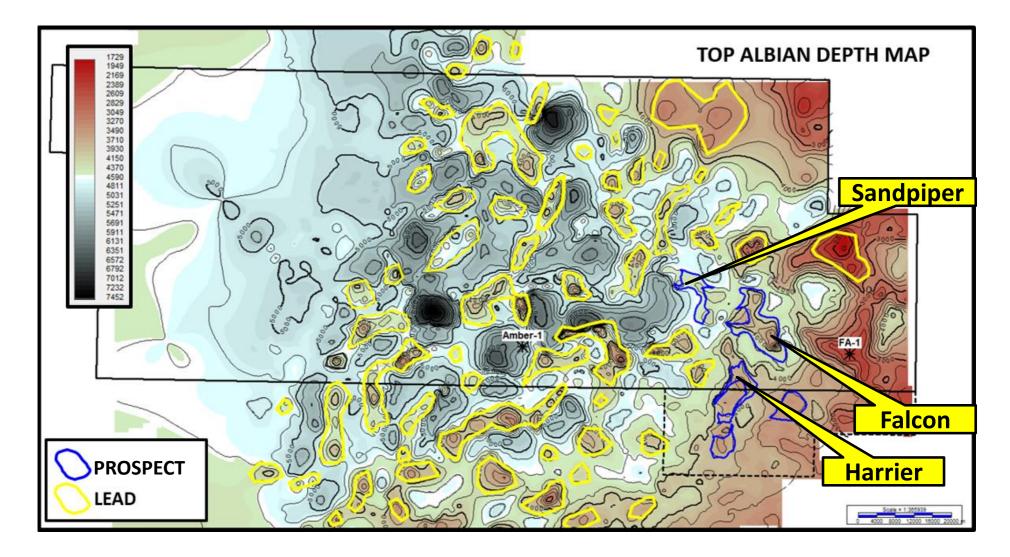


Salt and thick marine shales offer excellent seal potential

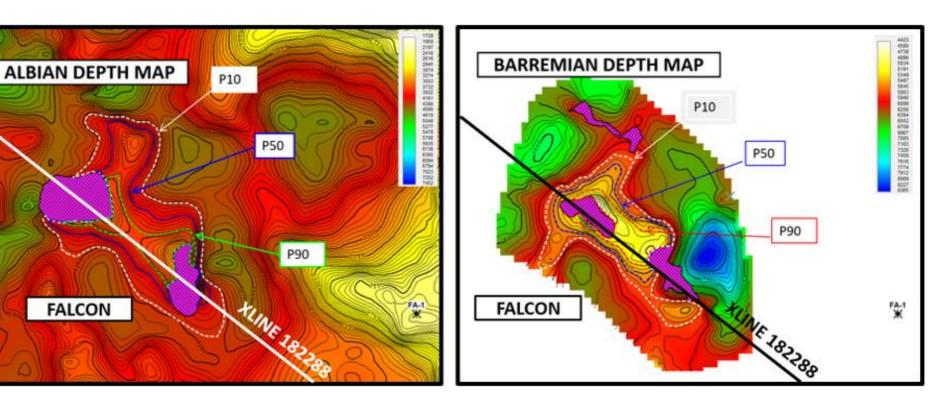


Inezgane Prospects and Leads





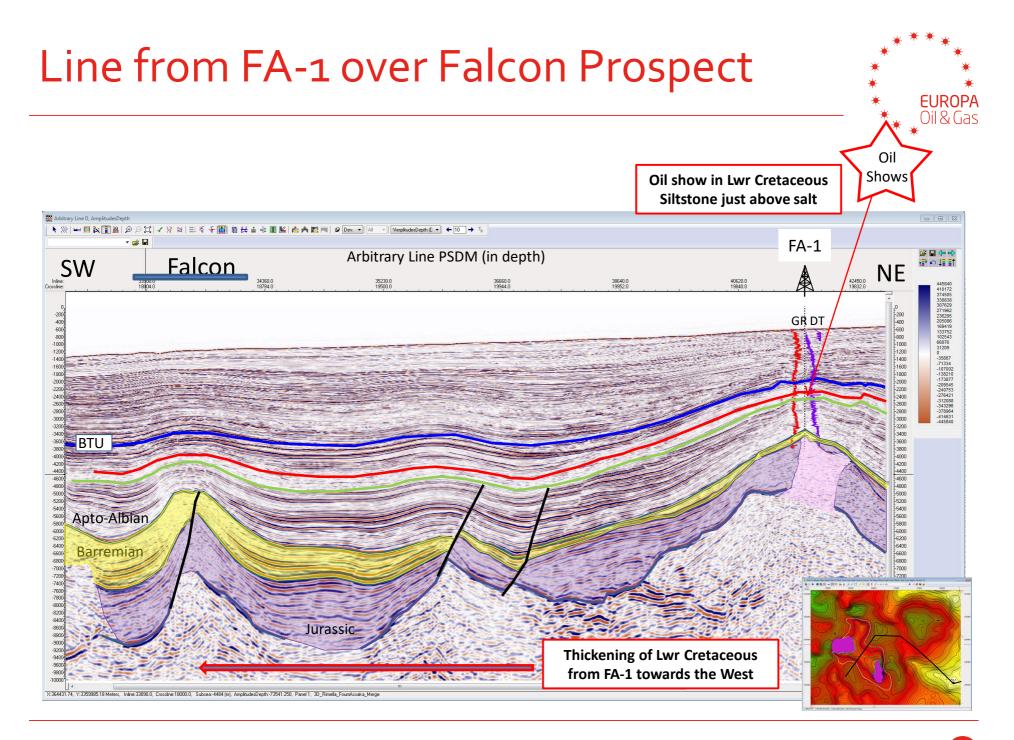
Falcon – Albian & Barremian Depth Maps



Falcon Prospect	Albian Reservoir		
Parameters	Low	Mid	High
Area (km²)	15	41	83

Falcon Prospect	E	Barremian	Reservoir
Parameters	Low	Mid	High
Area (km²)	12	25	45

EUROPA Oil & Gas



Why Morocco



12

Stable country with a transparent business
environment



Open and welcoming to new entrants



Low cost of entry including access to all legacy seismic and well data

- A number of major and midcap companies are active in country
 - E.g. Shell, ENI, Repsol, Genel
 - Excellent technical and strategic fit with Europa's acreage in the Porcupine Basin



Moroccan Petroleum Licence and Fiscal Terms



LICENCETERMS

- Petroleum Licence: 3 phases over 8years
 - First Phase: seismic reprocessing and other studies
 - Second Phase: Exploration well
 - Third Phase: Exploration wells and seismic reprocessing
- Option to relinquish at end of each phase once Work Programme completed
- Production Licence: 25 years

FISCAL TERMS

ONHYM has a carried 25% interest in exploration phase and pay own share of development and production costs

- Rentals
 - None
- Royalties
 - Oil: 0% on first 2.5mmbo and 10% thereafter
 - Gas: 0% on first 10 bcf and 5% thereafter
- Corporate Tax
 - 0% for first ten years and 30% thereafter

Summary





Low cost work programme to work-up prospectivity in Inezgane Offshore Permit



Lower Cretaceous is inadequately tested in Morocco



Potentially large stacked prospects (e.g. Falcon 250 mmbo plus) can be matured to drillable status with a view to attracting a farminee to carry cost of an exploration well in Second Phase



If play can be unlocked enormous upside lies within rest of Inezgane Permit



Plan to mature identified prospects to drillable status over next 2-years and a attract farminee to drill in 2021 or 2022