



# Kosmos and Morocco

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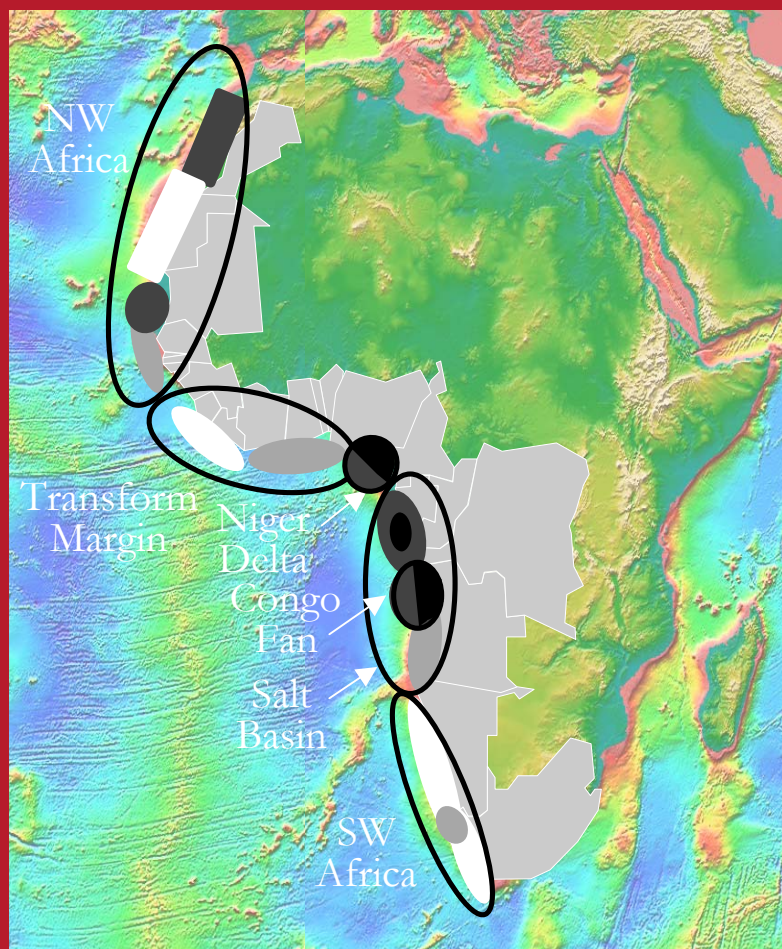
# Agenda



- Kosmos
  - Business Plan and Execution
- Morocco
  - Boujdour Below and Above Ground



# Kosmos Focus



Petroleum  
Systems

Provinces



Tertiary Deltas



Cretaceous basins



Mesozoic margins

Sectors



Frontier



Emerging



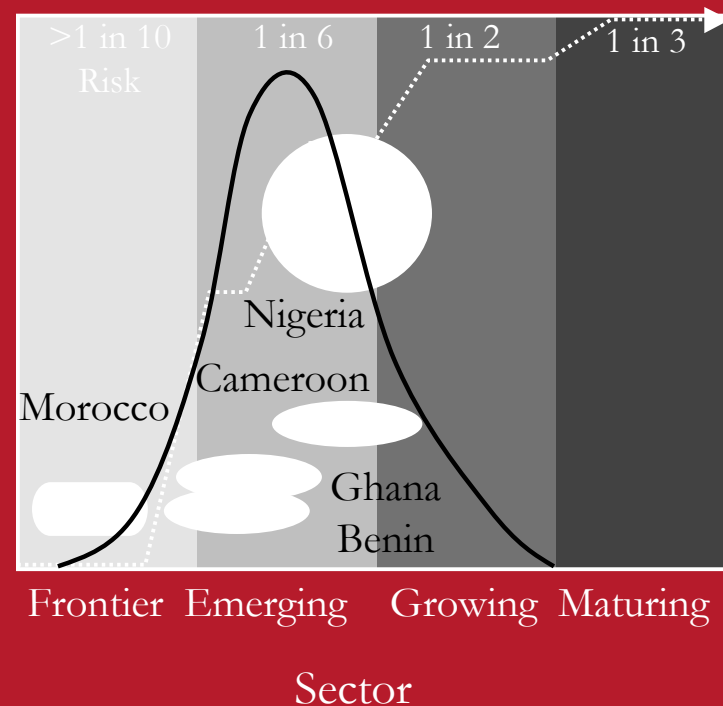
Growing



Maturing



- Portfolio centered on the *Emerging* sector but also include interests in the *Growing* Sector to manage risk and the *Frontier* sector to provide longer term growth opportunity





# Kosmos Portfolio



- Six exploration assets – Ghana (2), Benin, Cameroon (2) and Morocco plus an economic interest in a 7<sup>th</sup> - Nigeria
- Total gross area c. 125,000 km<sup>2</sup> (c. 40,000 Km<sup>2</sup> net) operatorship, working interest up to 100%, average 30%
- Currently pursuing other select new ventures

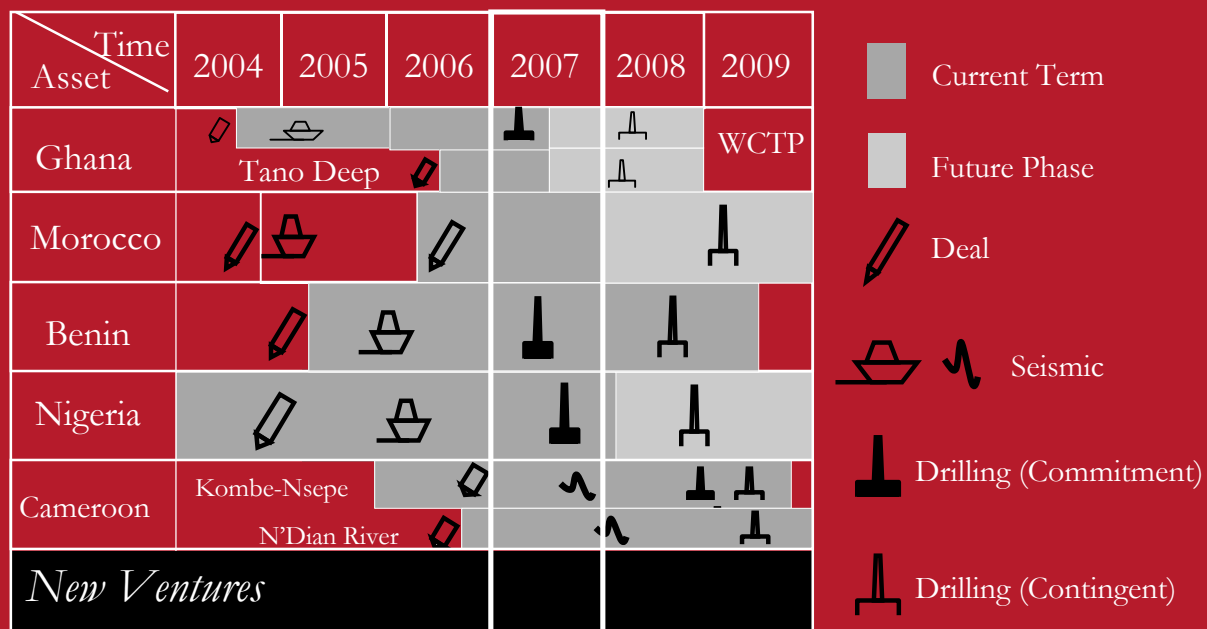




# Kosmos Plan



- Three exploration wells in 2007







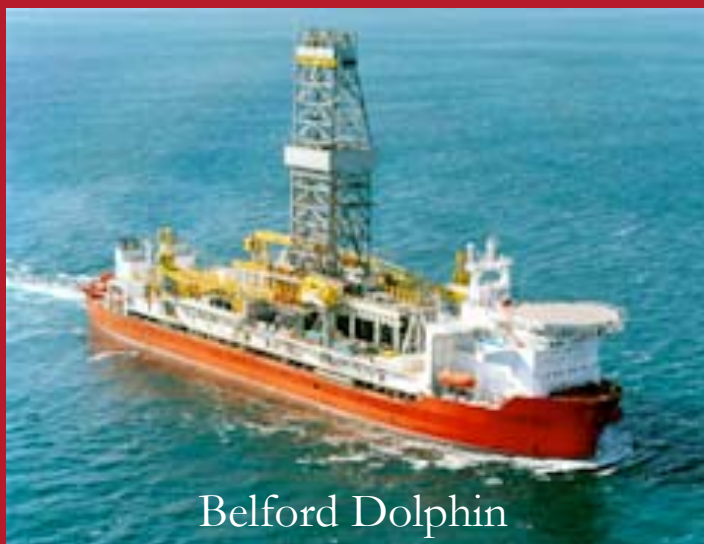
# Kosmos Execution



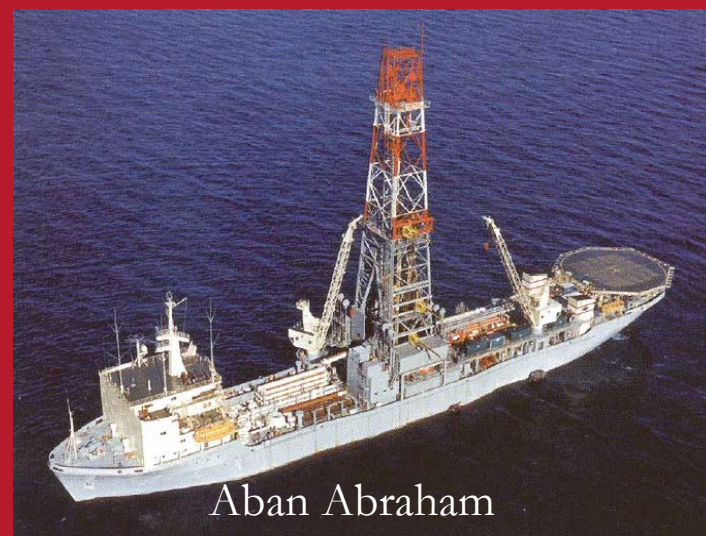
- Belford Dolphin contracted (through Anadarko) to drill Ghana and Benin
- Deepwater Pathfinder hired (through Pioneer) to drill Nigeria
- Dynamically-positioned drillship contracted at very favorable rate for 2 firm and 2 option slots in 2008



Deepwater Pathfinder



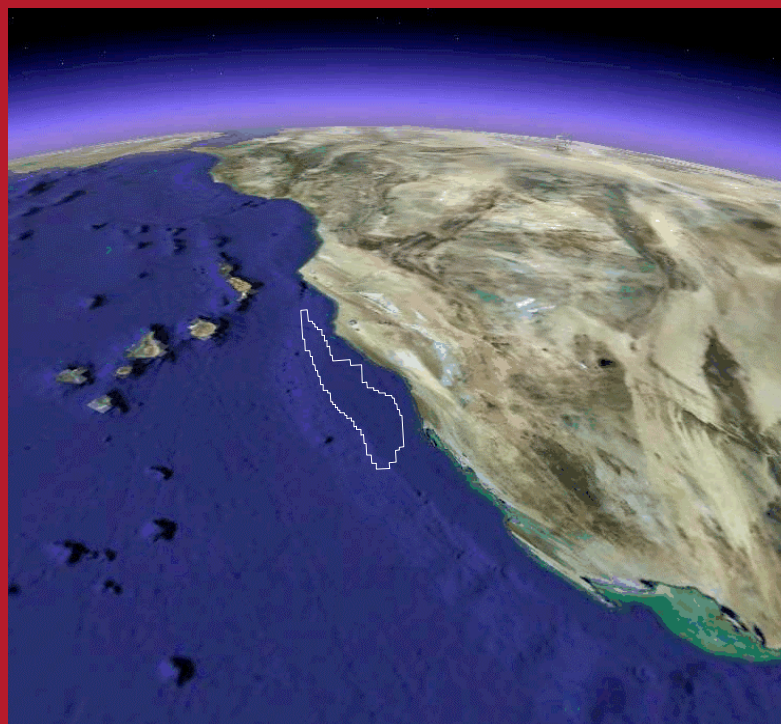
Belford Dolphin



Aban Abraham



# Morocco Boujdour Offshore



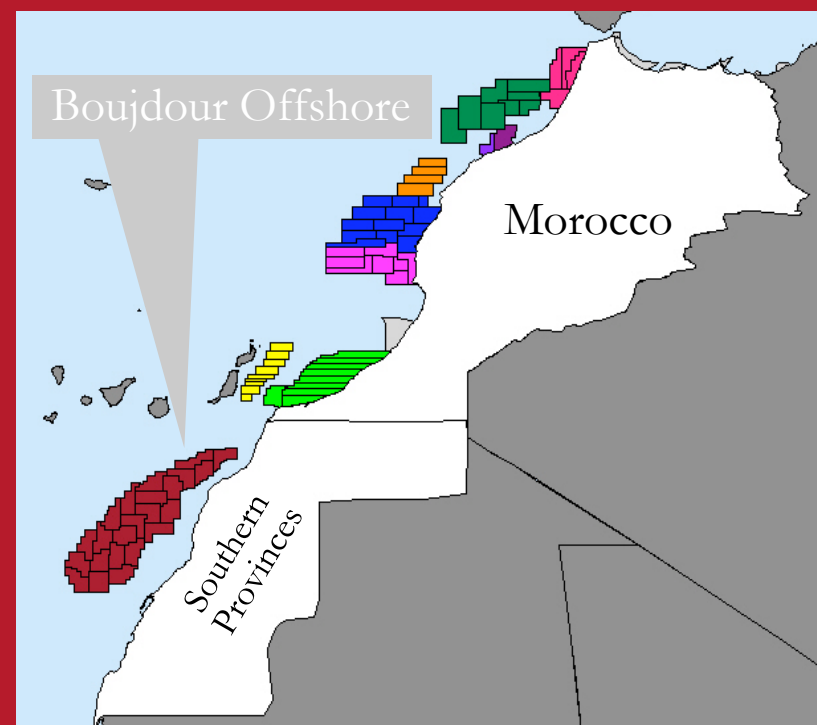




# Kosmos in Boujdour Offshore



- 2004
  - Accessed Reconnaissance Permit
- 2005
  - Acquired 500 line km. of infill 2D seismic
- 2006
  - Assumed operatorship and signed Petroleum Agreement with 75% working interest and partner ONHYM 25% (carried through exploration)
- 2007
  - Attract new partner(s)

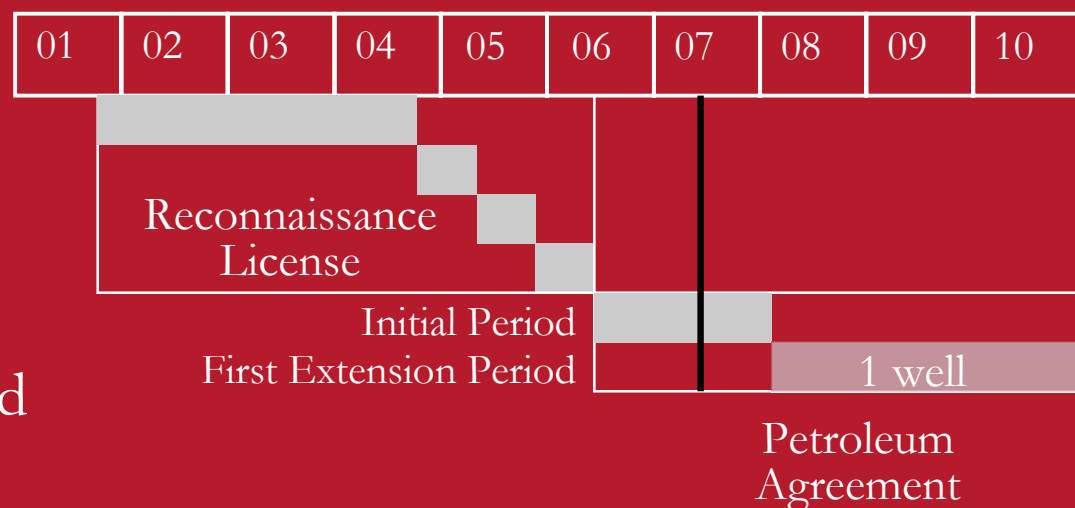




# Boujdour Offshore Contract



- Boujdour Offshore blocks I-XXIII
  - Effective date June 26, 2006
  - Area 43,998 km<sup>2</sup> (I-XXIII sub-blocks)
- Initial Period
  - 1.5 years
  - Commitments - purchase 2D seismic and undertake geological studies (\$2 Million)
- First Extension Period
  - 3 years
  - One exploration well

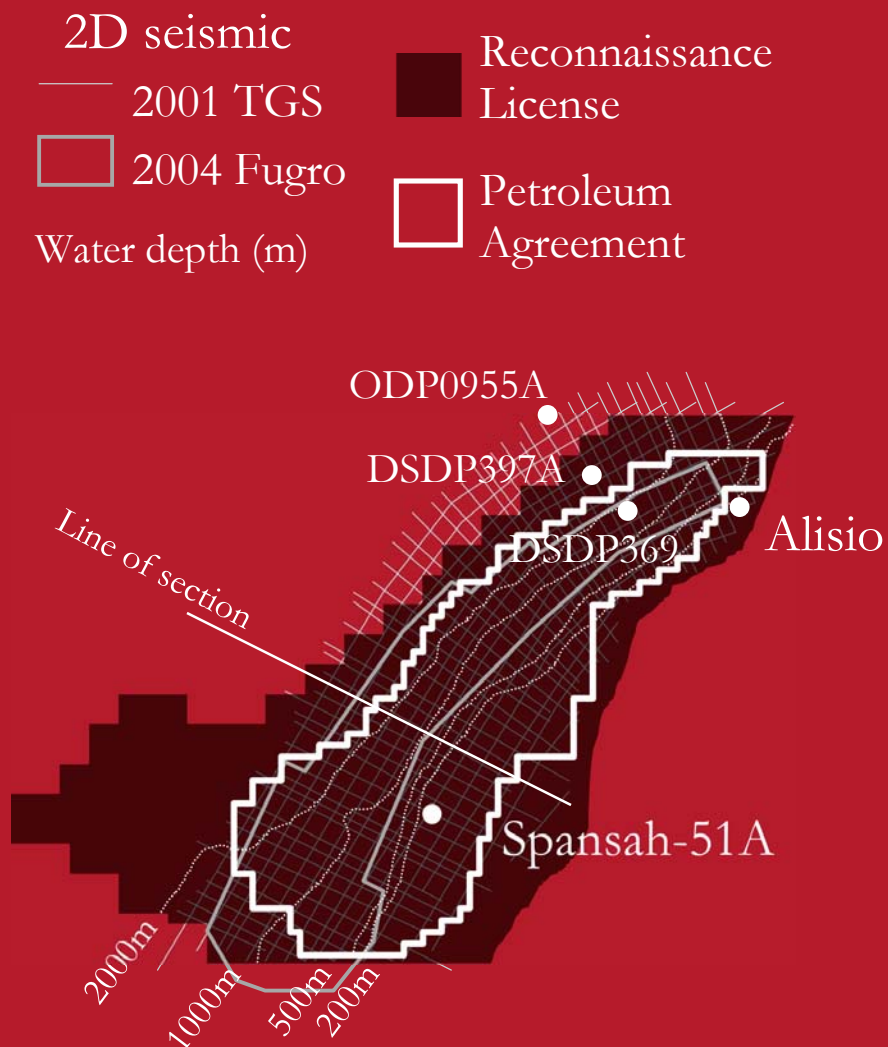




# Boujdour Offshore Database



- Acreage is highly under-explored





# Boujdour Petroleum Systems

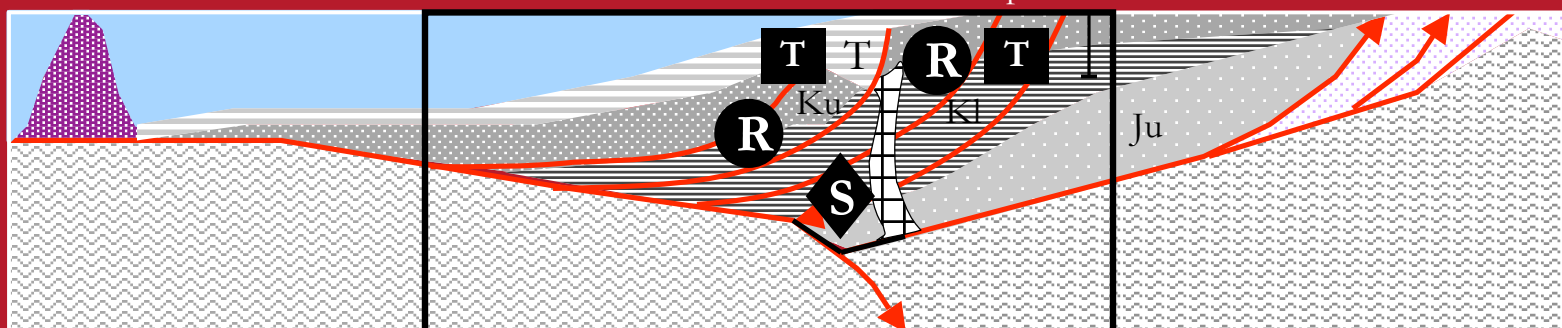


Canary  
Islands

Boujdour Block

Spansah-51A

East →

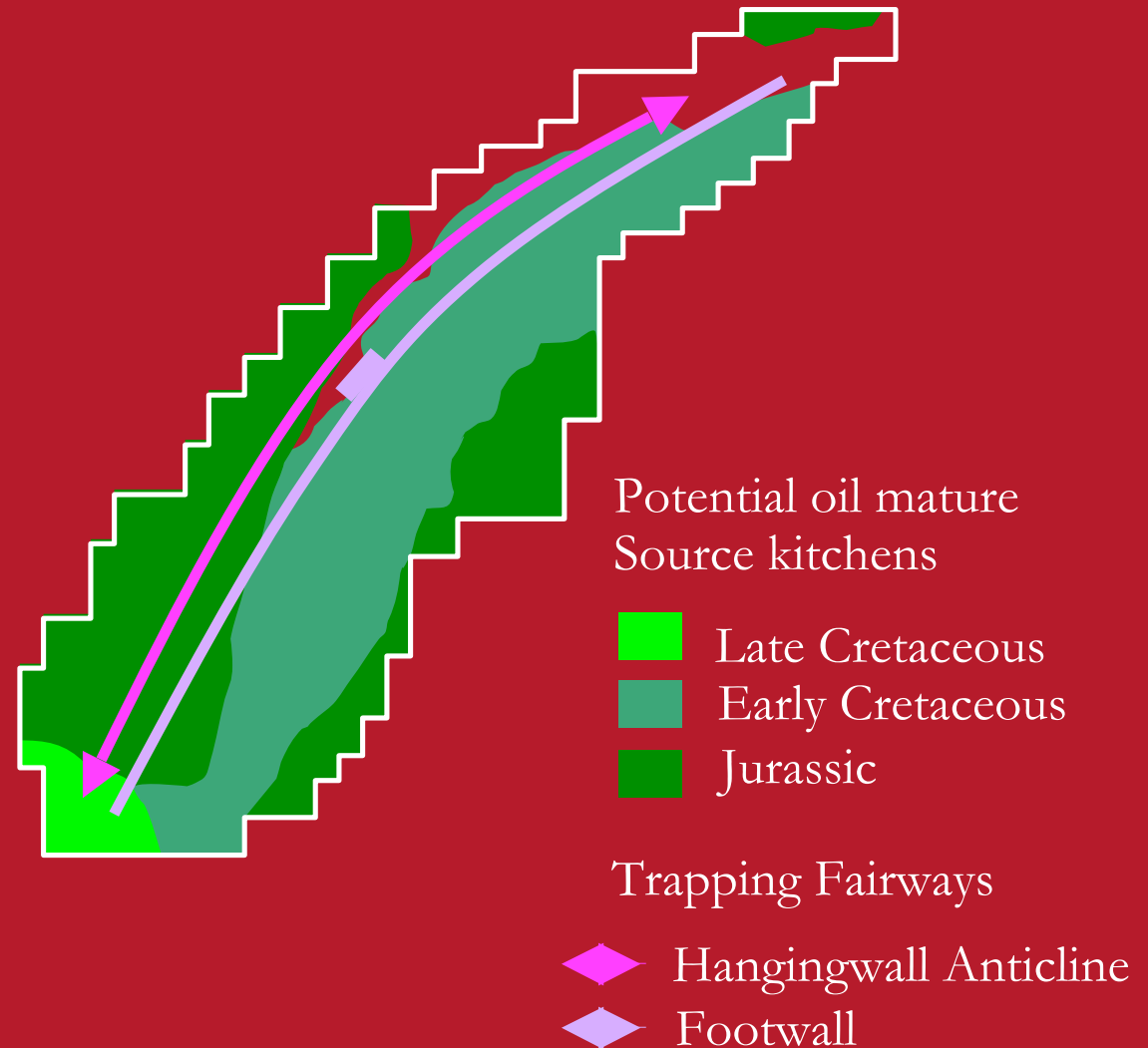


- R** Reservoir
- S** Charge
- T** Trap



# Boujdour Charge

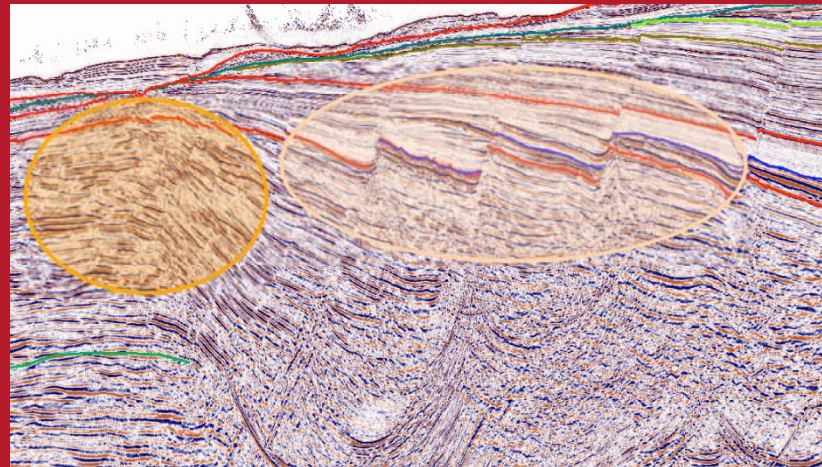
- Multiple potential source rocks modeled as oil mature in kitchen catchment areas of principal trapping fairways
  - Jurassic
  - Early Cretaceous
  - Late Cretaceous





# Boujdour Reservoir

- Stacked, good quality Cretaceous reservoirs of the Tan Tan Delta ranging from shallow water clastics (proven in Well Spansah-51A) inboard to outboard deep water turbidite systems (interpreted from seismic)



- Deep water
- Shallow water

Spansah-51A

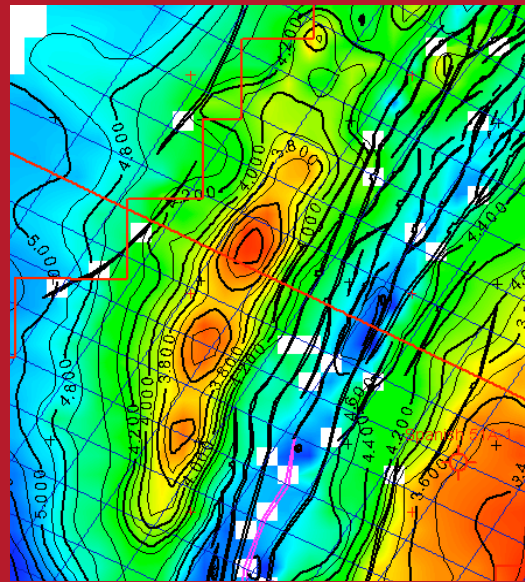




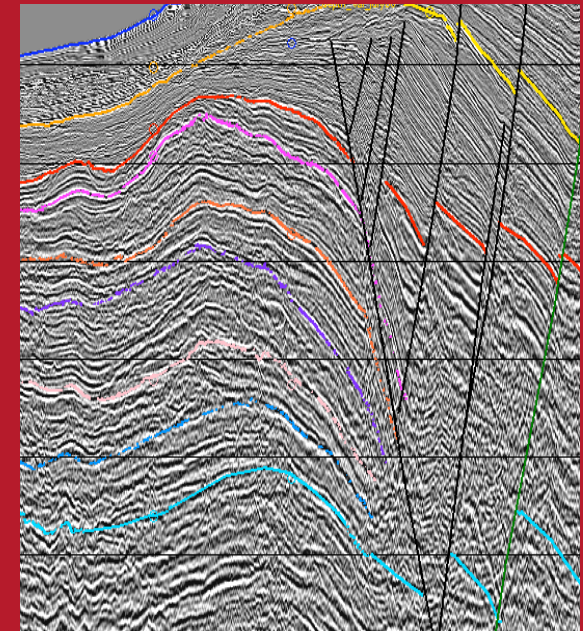


# Boujdour Trap

- Very large structural closures
  - Very large four-way hangingwall anticline
  - Multiple fault/three-way footwall culminations



50 km



20 km



# Politics

- Substantial recent progress in resolving political situation
  - Following proposals by Morocco and Polisario to the UN in April, UN Secretary General makes recommendation to the Security Council
    - calls upon the parties ‘to enter into negotiations without pre-conditions, with a view to achieving a just, lasting and mutually acceptable political solution that will provide for the self-determination of the people of Western Sahara’
  - US (House of Representatives and State Department, as well as European nations) publicly support Morocco’s proposal
    - call it a ‘serious and credible proposal’ to provide for autonomy of the area and says ‘the new Moroccan proposal provides a realistic framework for a negotiated solution, which is the best way to ensure a lasting peace for all parties’
  - UN Security Council Resolution 1754 of April 30, 2007 passed unanimously
    - calls upon the parties ‘to enter renegotiations without preconditions in good faith, taking into account the developments of the last months, with a view to providing a lasting and mutually acceptable political solution...’
    - requests that negotiations be held under the auspices of the UN Secretary General and with support of the Member States
    - Extends MINURSO mandate to October 31, 2007 and requests progress report June 30 as well as final report



# Boujdour Offshore Summary



- Company-making *frontier* exploration opportunity
  - high risk/very high reward
- Significant oil and gas potential
  - very large structural traps with many reservoirs – critical risk is charge
- Strong success economics
  - Favorable commercial/fiscal terms
- New, UN-sponsored initiatives in progress to peacefully resolve political situation
  - Security Council Resolution in April 2007 requests Morocco and Polisario to negotiate unconditionally



# KOSMOS ENERGY

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