Mauritania Exploration Update

MAY 2015

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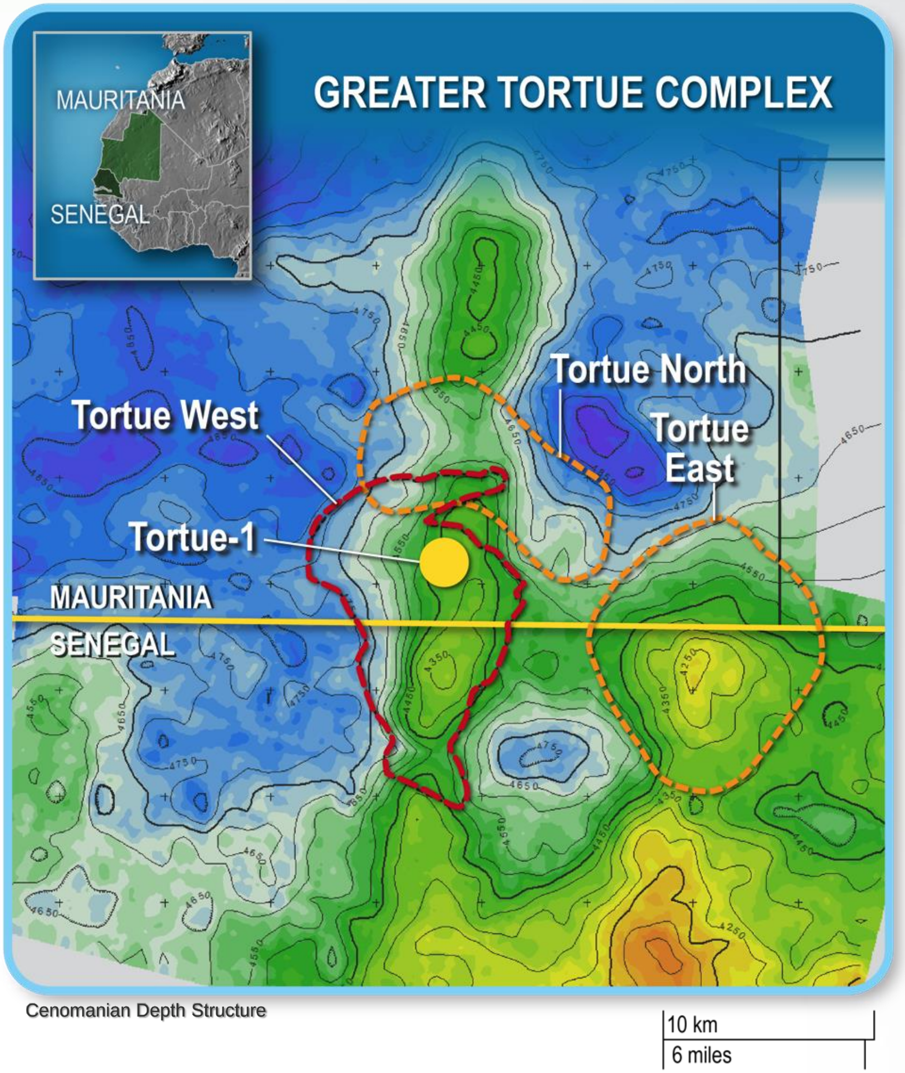
Potential drilling locations and resource potential estimates have not been risked by the Company. Actual locations drilled and quantities that may be ultimately recovered from the Company's interest may differ substantially from these estimates. There is no commitment by the Company to drill all of the drilling locations that have been attributed these quantities. Factors affecting ultimate recovery include the scope of the Company's ongoing drilling program, which will be directly affected by the availability of capital, drilling and production costs, availability of drilling and completion services and equipment, drilling results, agreement terminations, regulatory approval and actual drilling results, including geological and mechanical factors affecting recovery rates. Estimates of reserves and resource potential may change significantly as development of the Company's oil and gas assets provides additional data.

Tortue-1 Well Objectives

Tortue-1 is the first successful outboard well in Mauritania [1]

Tortue-1

- Designed to test Tortue West closure, involving one of a series of Upper Cretaceous slope / channel reservoir systems in combination structural / stratigraphic traps which comprise the Greater Tortue Complex



Cenomanian Depth Structure

1) All offshore wells previously drilled in Mauritania are in less than ~1,750 meters of water (approx. 75 total offshore wells), no commercial discoveries made in depths > 800m

Tortue-1 Well Results and Implications

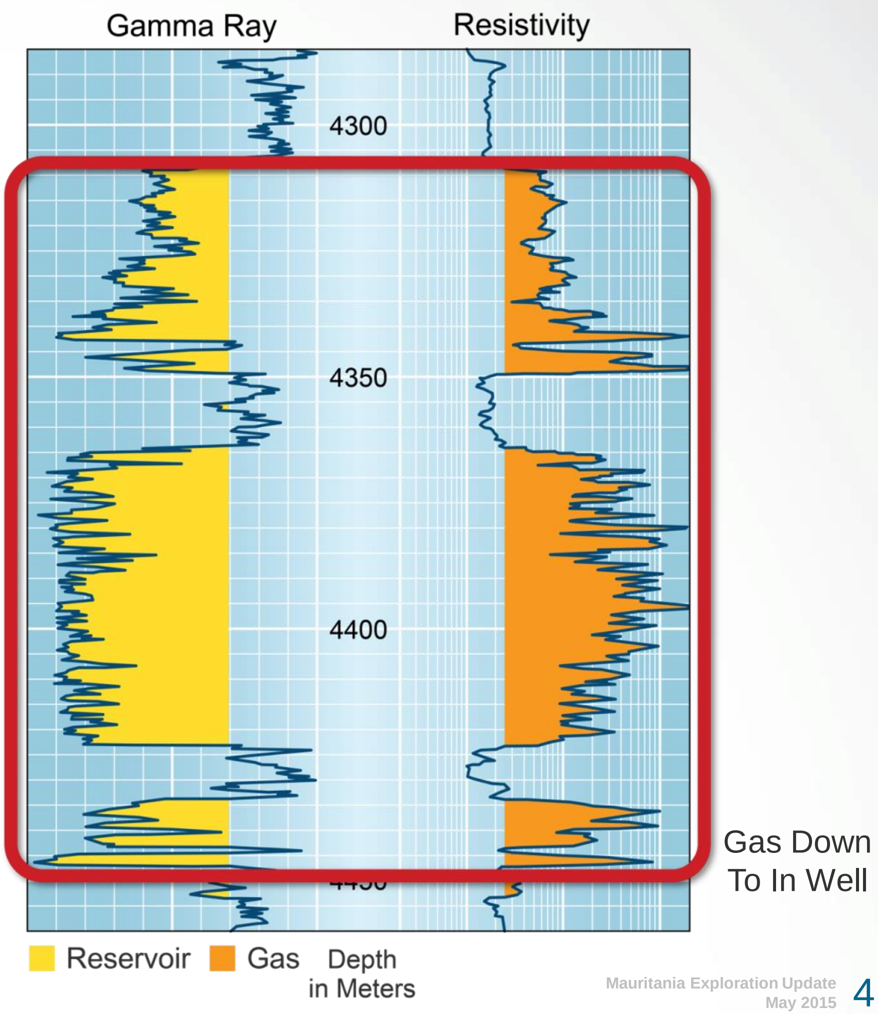
Tortue-1 has made a significant gas discovery and has opened the outboard petroleum system in Mauritania and Northern Senegal

Total 107 meters (351 feet) of net hydrocarbon pay in two pools

- Primary objective Lower Cenomanian: 88 meters net gas pay (288 feet)
  - One pool
    - Gross hydrocarbon column 160 meters (528 feet)
  - Three reservoirs
    - Excellent porosity and permeability
- Secondary Upper Cenomanian target: 19 meters net gas pay (62 feet)

Tortue-1 Well Log

Lower Cenomanian



Tortue West – Substantial Resource Base

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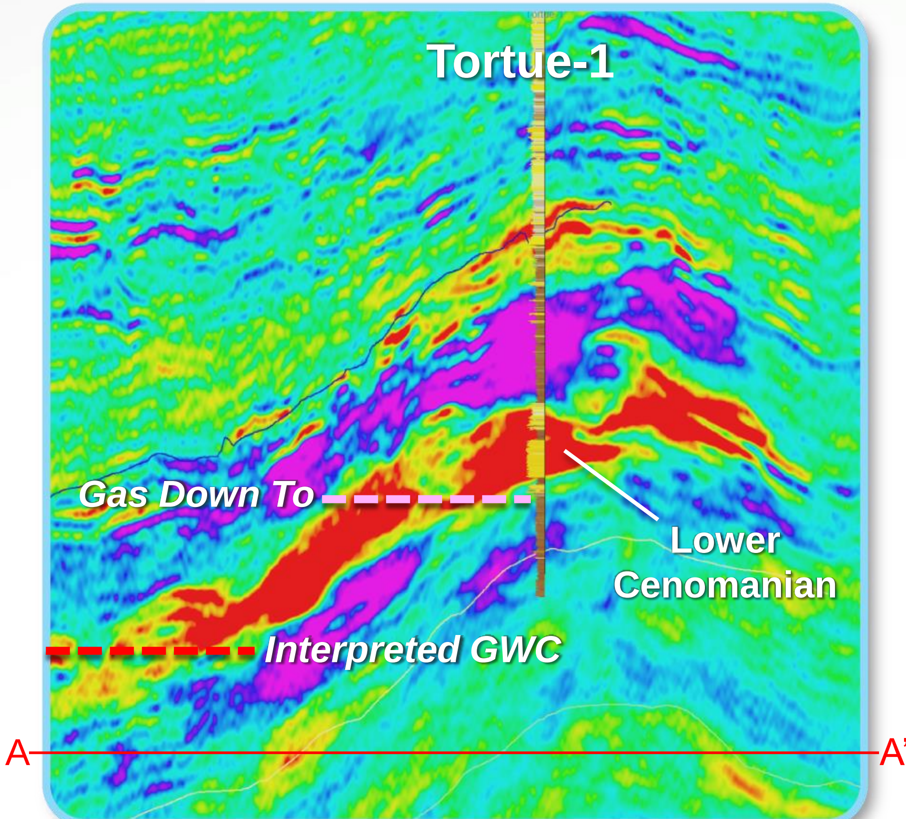
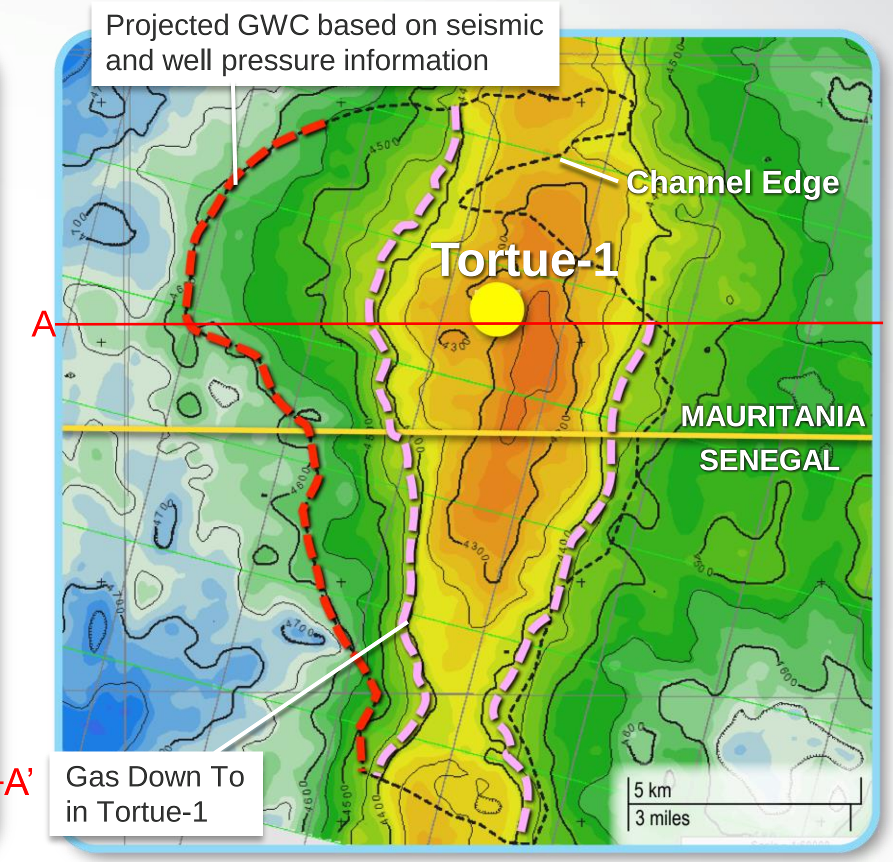
Preliminary view of gross resource base of approximately 5-8-12 Tcf



Seismic Attribute Display



Cenomanian Depth Structure

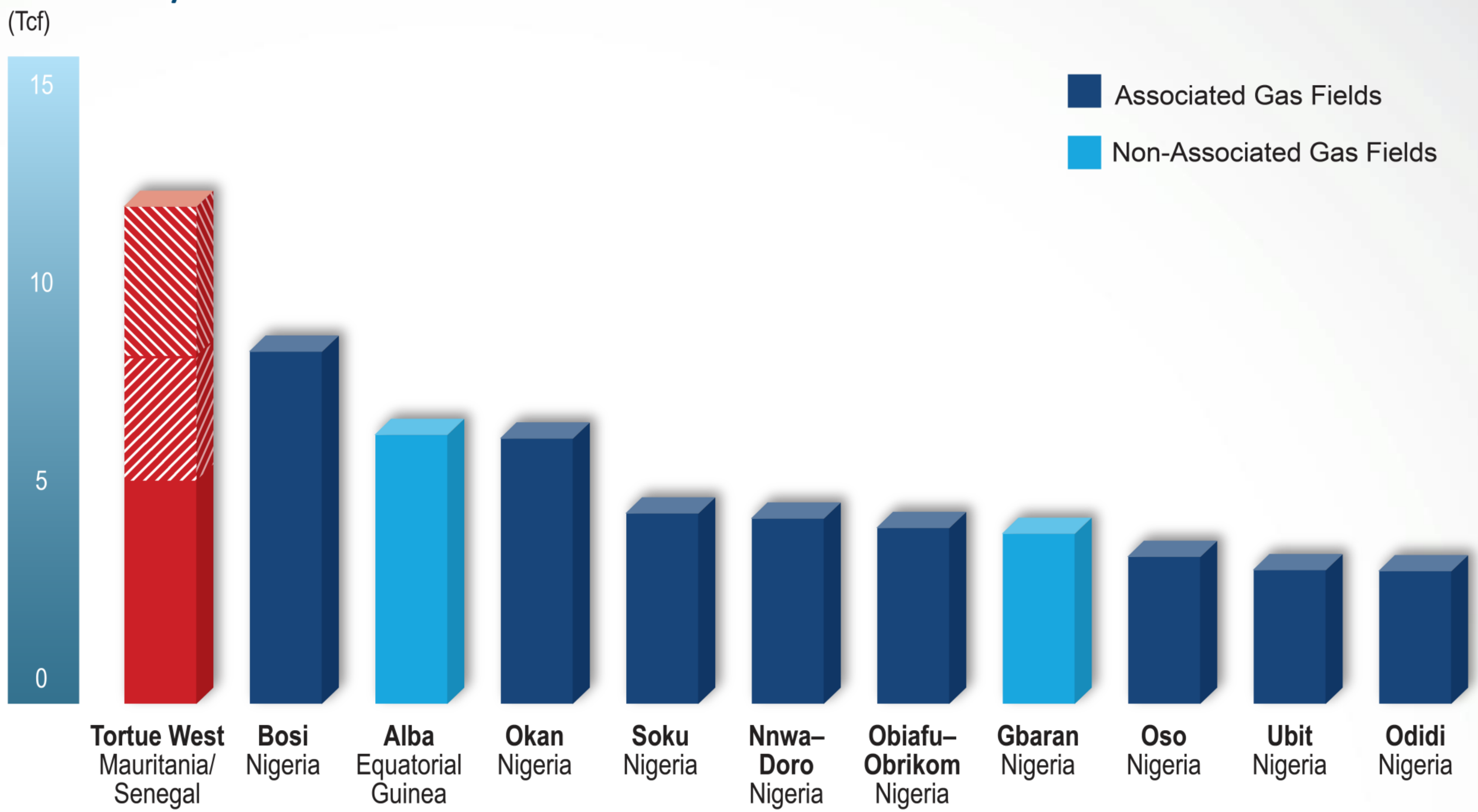
Lower Cenomanian Channel (Primary Well Target) - Gross Hydrocarbon Column / Area

- Gas Down To in Well: 160 meters / 50 km^2
- Based on Seismic and Well Pressure Data: 400 meters / 90 km^2

Tortue West Context

Tortue West alone is potentially the largest gas discovery offshore West Africa (associated or non–associated)

Associated / Non-Associated Gas Fields in West Africa



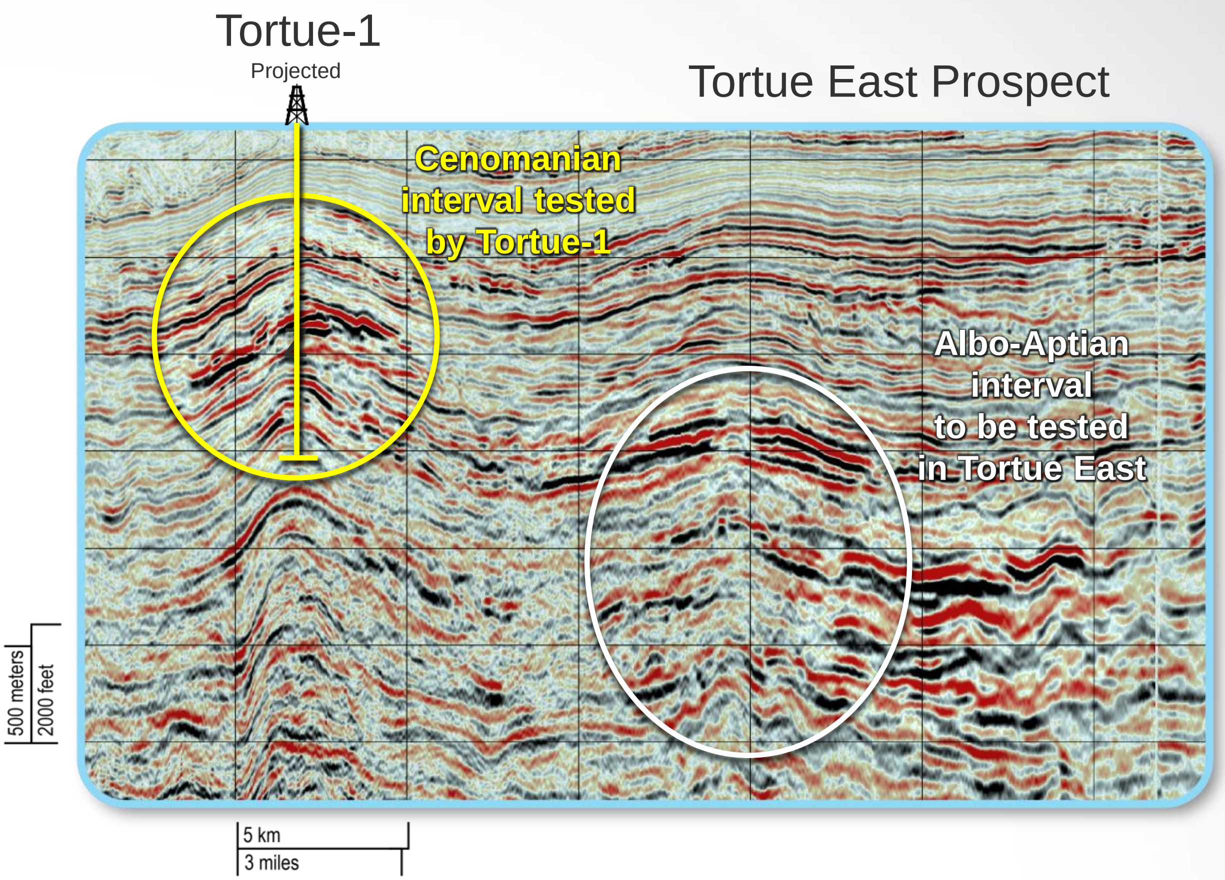
Source: IHS

Greater Tortue Complex Follow-On Potential

The Tortue-1 well has significantly de-risked the Greater Tortue Complex which includes substantial step-out potential with excellent well-to-seismic calibration

The Greater Tortue Complex comprises three separate trapping geometries

- Tortue West
  - Cenomanian interval proven by Tortue-1
- Tortue East and North
  - Albo-Aptian targets to be tested by subsequent exploration wells



Mauritania / Northern Senegal Follow-On Potential

Kosmos has substantial acreage position in a newly-opened, under-explored petroleum system that offers substantial exploration prospectivity

Greater Tortue Complex in Mauritania / Senegal (~1,200 km^2)[(1)]

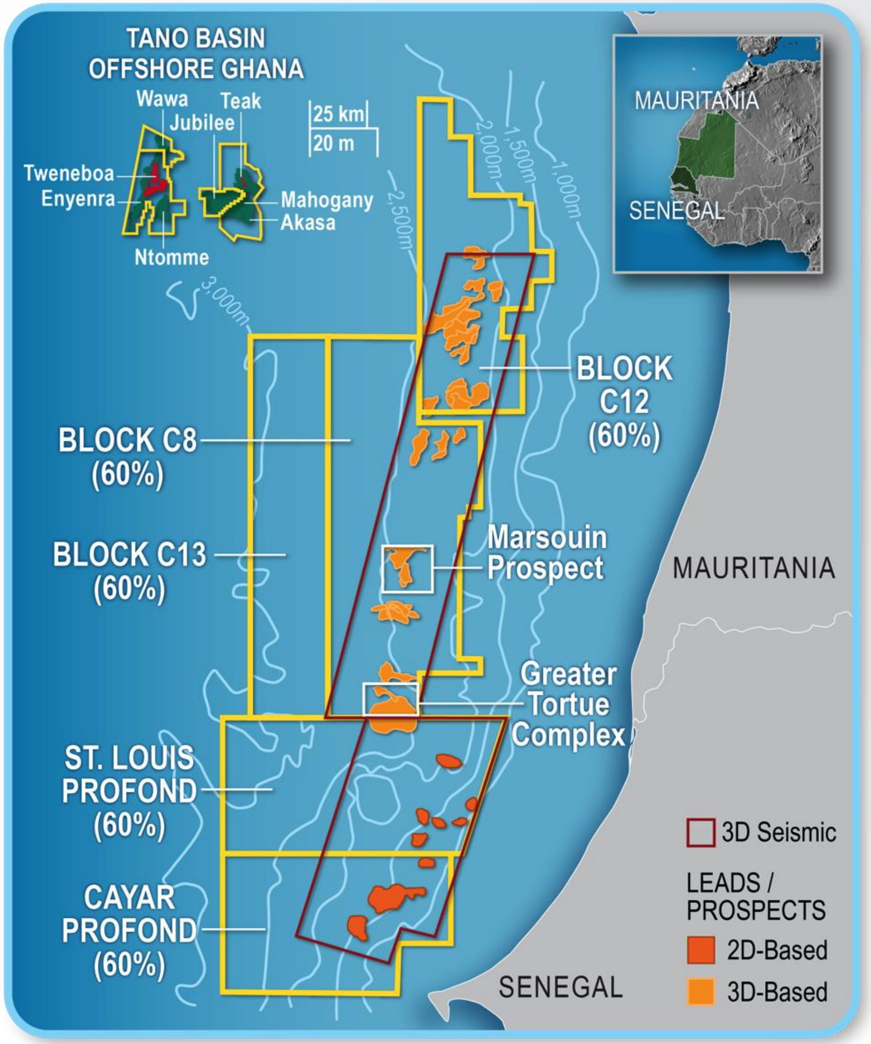
- Tortue West: 5-8-12 Tcf [(2)]
- Greater Tortue Complex [(1)] : 6-14-22 Tcf [(2)]

Mauritania (27,000 km^2)[(3)] – ~3 BBoe[(2)]

- Block C8
- Block C12
- Block C13

Senegal (18,000 km^2)[(3)] – ~3 BBoe[(2)]

- St. Louis Offshore Profond Block
- Cayar Offshore Profond Block

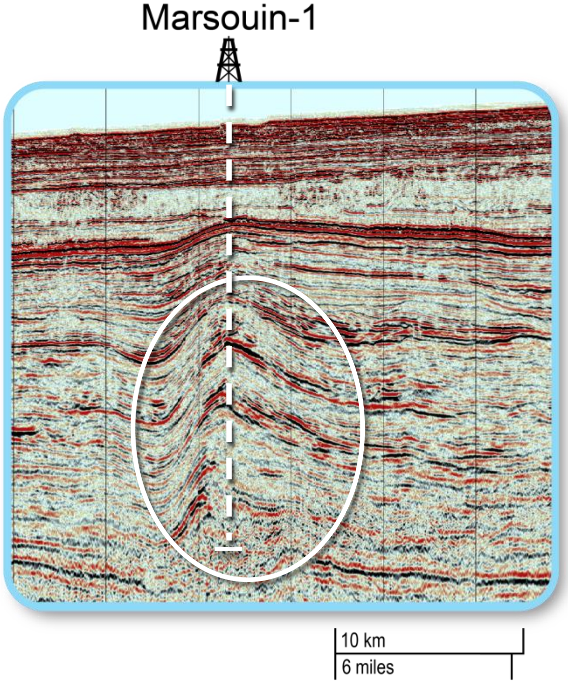


1) *Includes Tortue West, Tortue North and Tortue East*
2) *Gross resource estimate*
3) *Area includes Greater Tortue Complex*

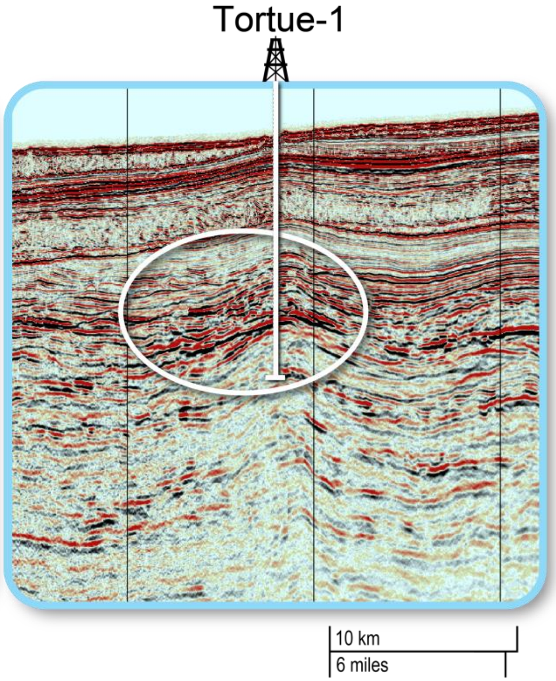
Mauritania / Northern Senegal Follow-On Potential

Outboard Mauritania and Northern Senegal offer substantial exploration prospectivity including play / fairway diversity and multiple leads / prospects involving both Cenomanian and deeper Albo-Aptian targets

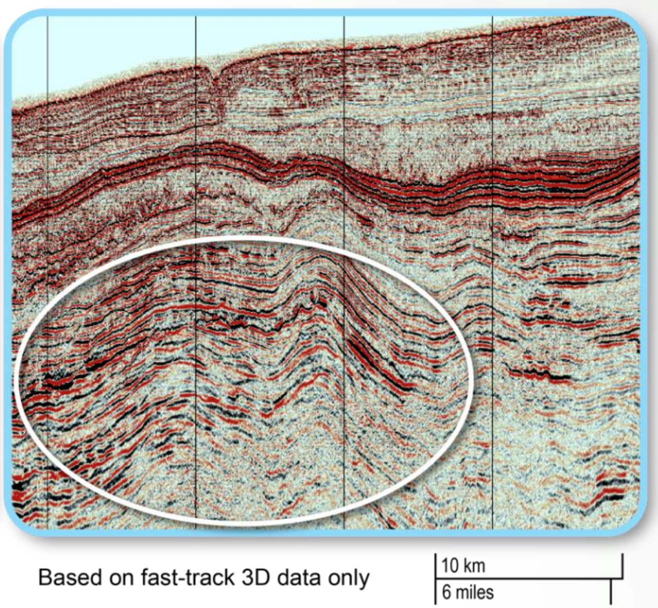
Marsouin Prospect
Mauritania Block C-8



Tortue West
Mauritania Block C-8



Senegal Leads



Forward Program

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The basin opening Tortue-1 discovery provides Kosmos the opportunity for additional catalysts through 2015 and beyond

	2015				
	1Q		2Q	3Q	4Q
Rig Schedule	**Al Khayr** Western Sahara	**Tortue-1** Mauritania/ Senegal	**Farm-out Rig**	**Marsouin-1** Mauritania	**Greater Tortue follow on Exploration/ Appraisal**

Second exploration well in Mauritania will test the Marsouin prospect in 3Q 2015

Followed by Greater Tortue exploration / appraisal well in 4Q 2015