

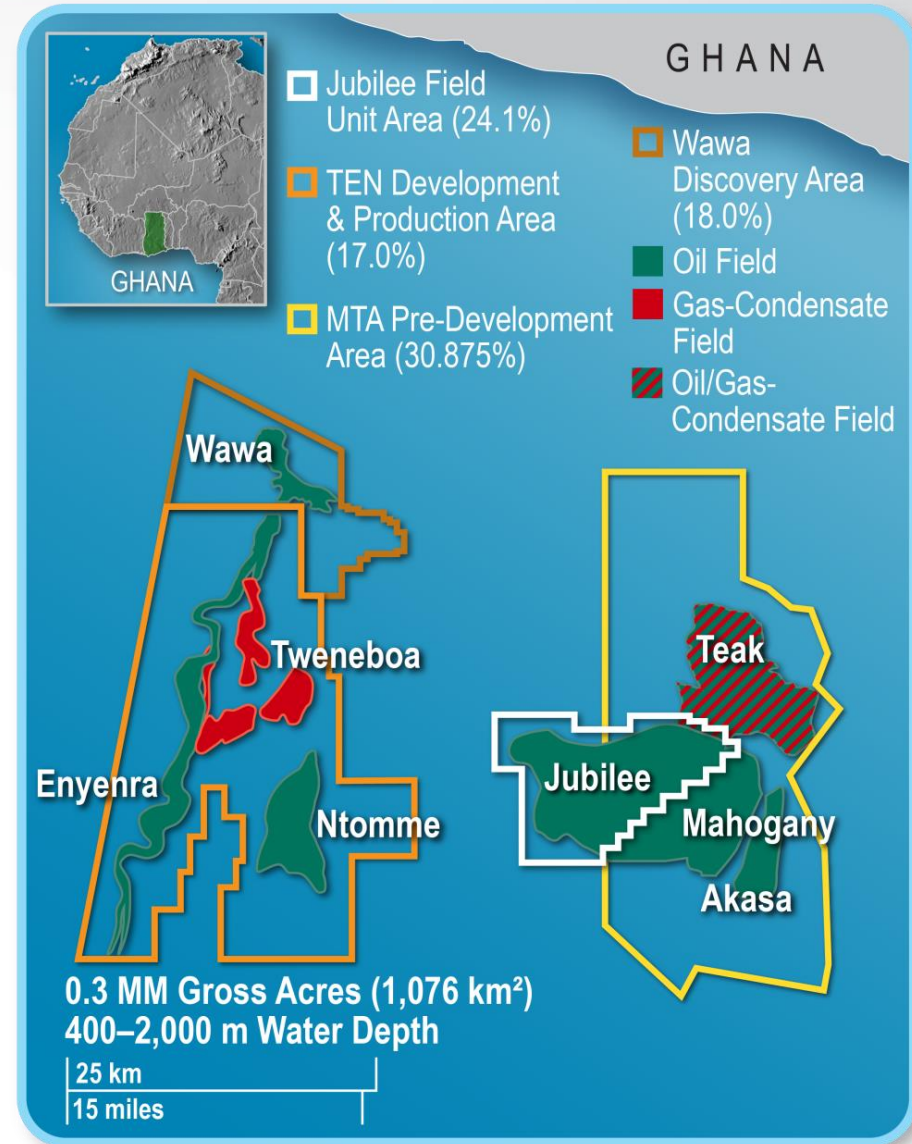


Kosmos Energy 2015:

*The Next Deepwater Search for
Mauritanian Oil and Gas*

- 1. Kosmos Energy**
- 2. Mauritania Work Program**
- 3. Interpretation and Prospects**
- 4. Drilling Plans**

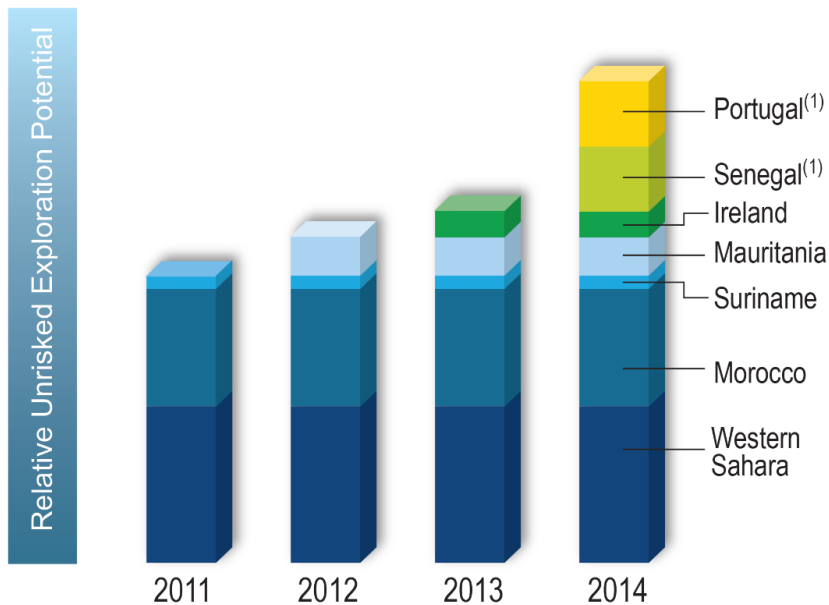
Kosmos Looking Back – Success in Ghana



- **Kosmos was formed in 2003 and first efforts were focused on the Cretaceous Play of the West Africa Transform Margin**
- **2007 Jubilee discovery**
 - Opened the Tano Basin petroleum system, deepwater Ghana.
 - First oil in 2010 using FPSO
 - Targeted full-year 2014 production is 100,000 BOPD.
- **Follow-on commercial discoveries**
 - TEN complex - in development
 - MTA complex - pre-development
- **Discovered >1 BBO (gross)**

Kosmos Looking Forward – Expanded Exploration

- **Exported the core Cretaceous theme along the Atlantic Margin.**
 - Established an industry-leading position in Northwest Africa
- **Portfolio continues to grow.**
 - Recently added positions in Portugal and Senegal
- **Kosmos will drill at least four “play-opening” wildcats during the next 18 months, testing over 4 BBO of gross unrisks resource potential.**



(1) Pending final government approval





Kosmos Blocks C8, C12, C13

2. Mauritania Work Program

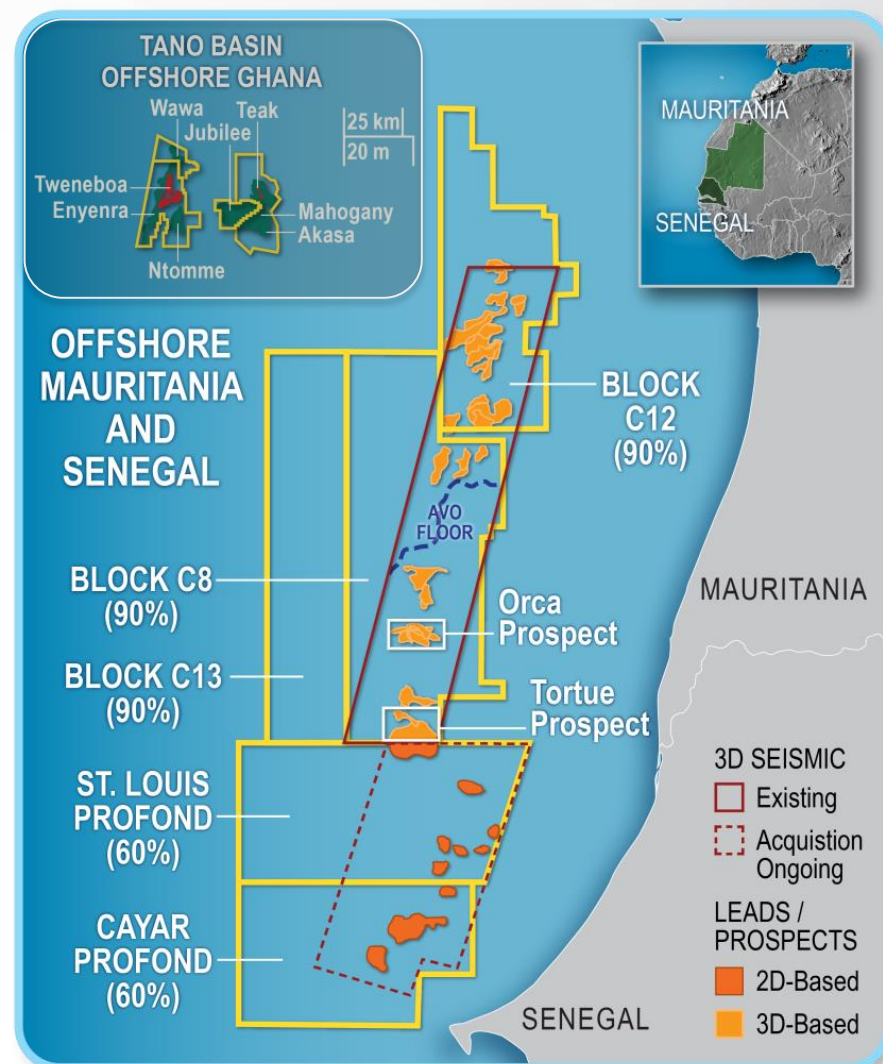
• Mauritania

- Three Production Sharing Contracts covering large deepwater blocks C8, C12, C13
- Acreage totals ~ 27,000 km²
- Kosmos holds 90%, SMHPM 10%
- Extensive seismic program completed in 2013; acquired 6,300 km of 2D and 10,300 km² of 3D data

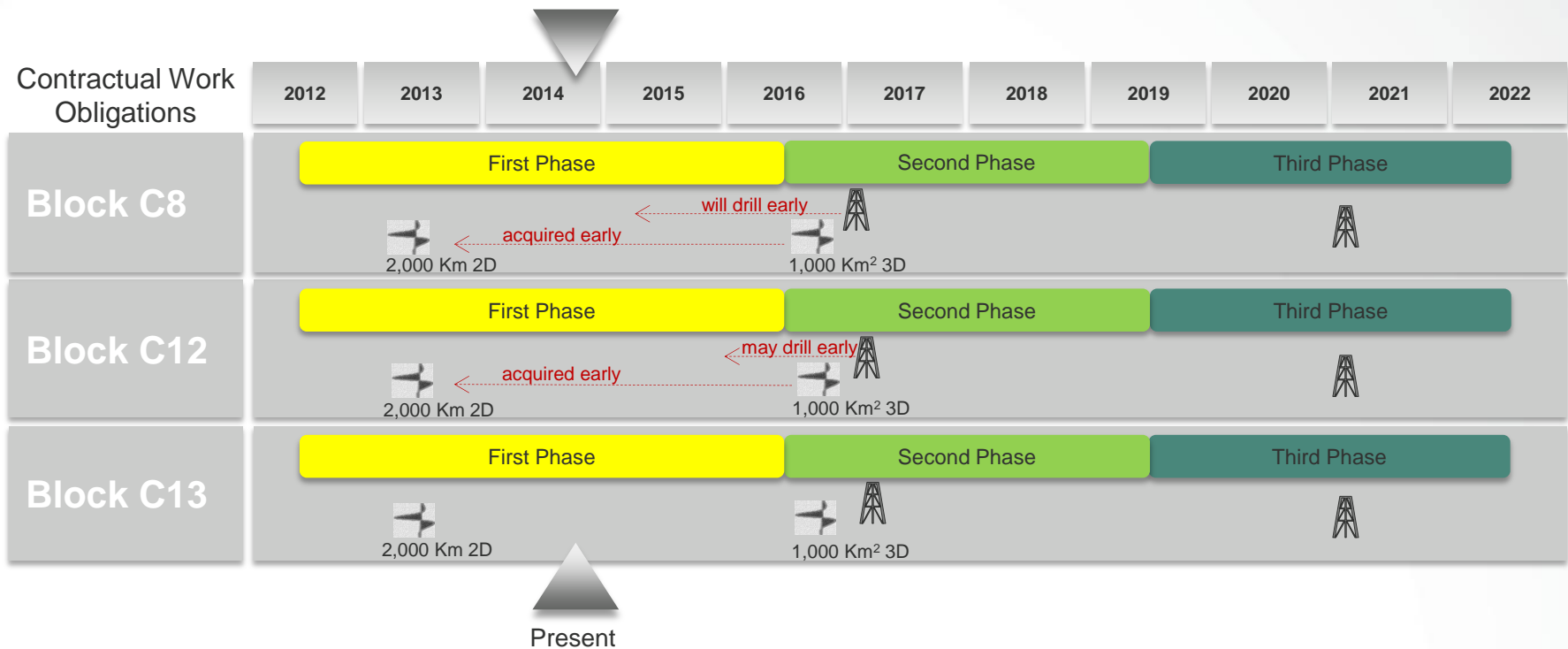
• Senegal

- Kosmos also holds two adjoining blocks in deepwater⁽¹⁾
- Currently acquiring 3D seismic program

⁽¹⁾ Pending final government approval

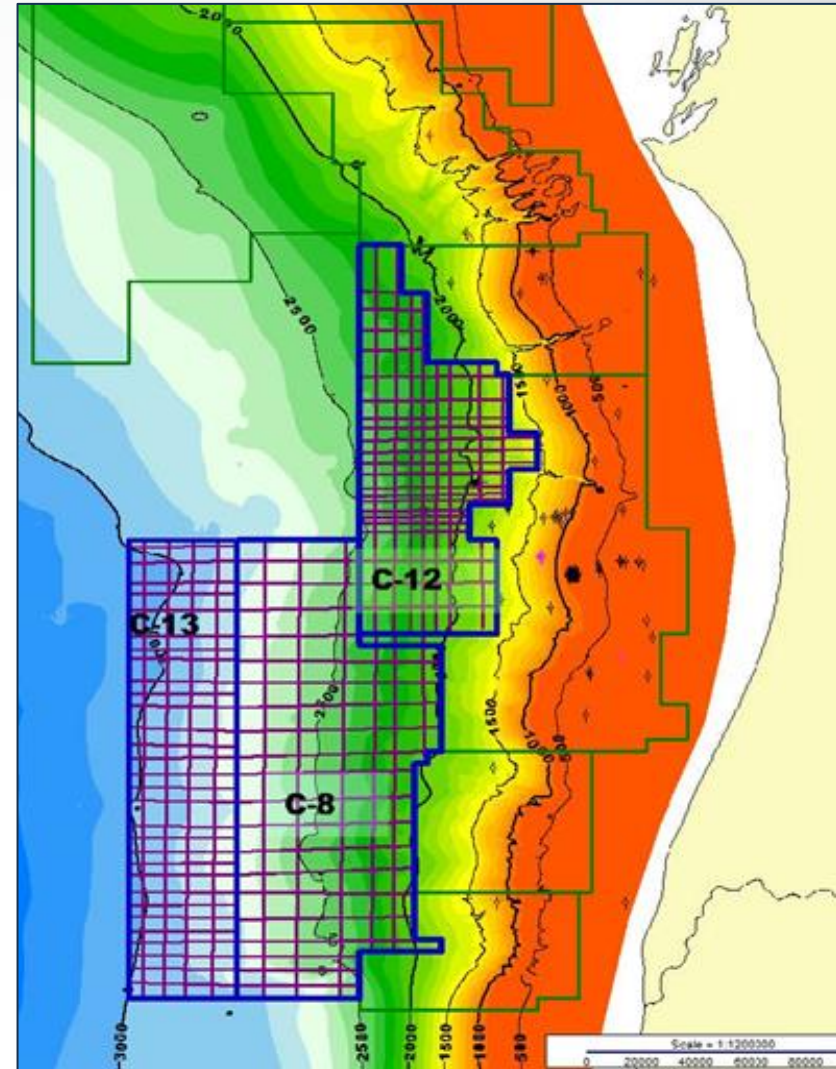


- All 1st Phase work obligations have been accomplished
- 2nd Phase seismic obligations have been accomplished for Blocks C8 and C12
- 2nd Phase drilling obligations will be accomplished early for Block C8 and possibly C12



2D Seismic Acquisition - 2013

- Acquired 6175km 2D seismic data in 56 days (Western Pride, 16 March – 10 May 2013).
- 32,044 man-hours exposure with zero reportable HSE incidents.
- No manned fishing activity was observed, although fishing equipment was encountered.

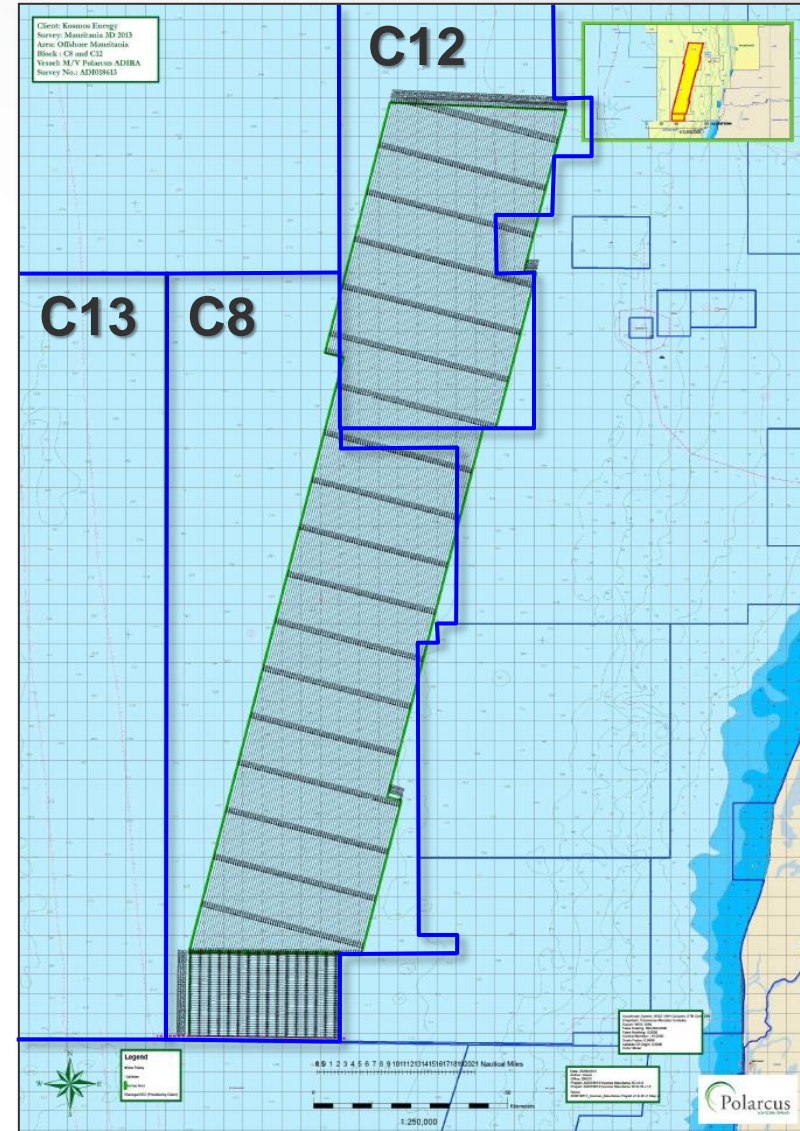
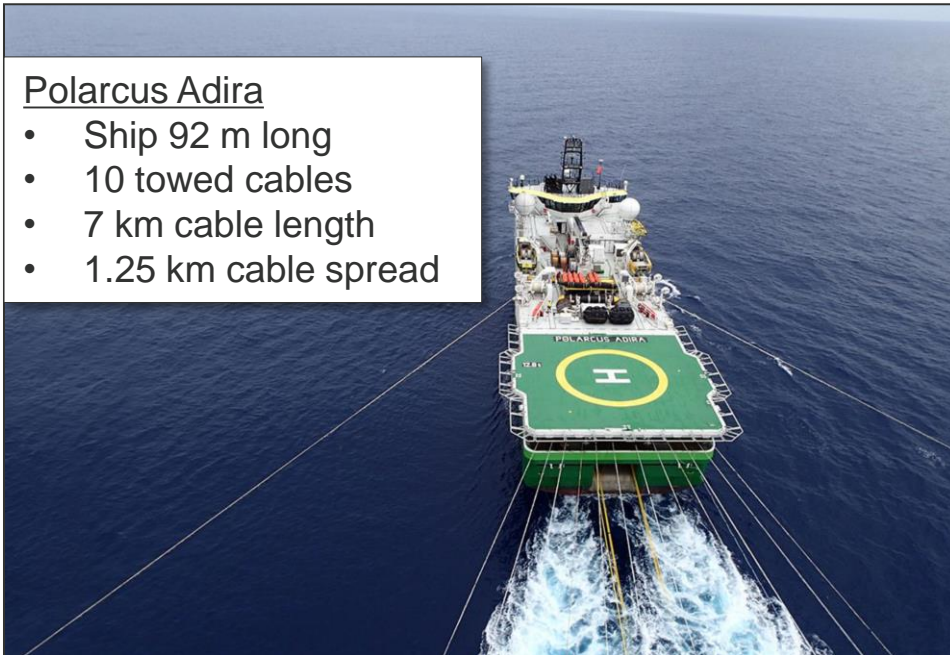


3D Seismic Acquisition - 2013

- Acquired 9933 sq km 3D seismic data in 148 days (Polarcus Adira, 13 June – 7 Nov 2013).
- Data acquired in 2 directions to optimize coverage and efficiency.
- Excellent technical performance from seismic contractor.
- 282,064 man-hours with no reportable HSE incidents.

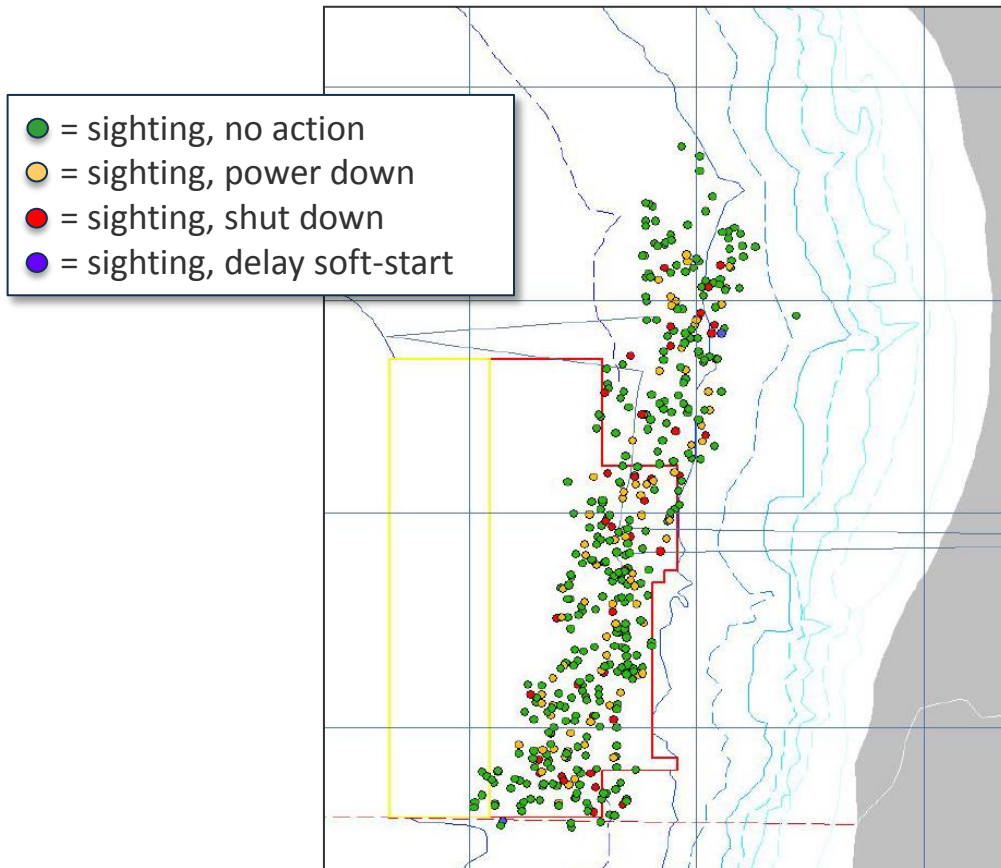
Polarcus Adira

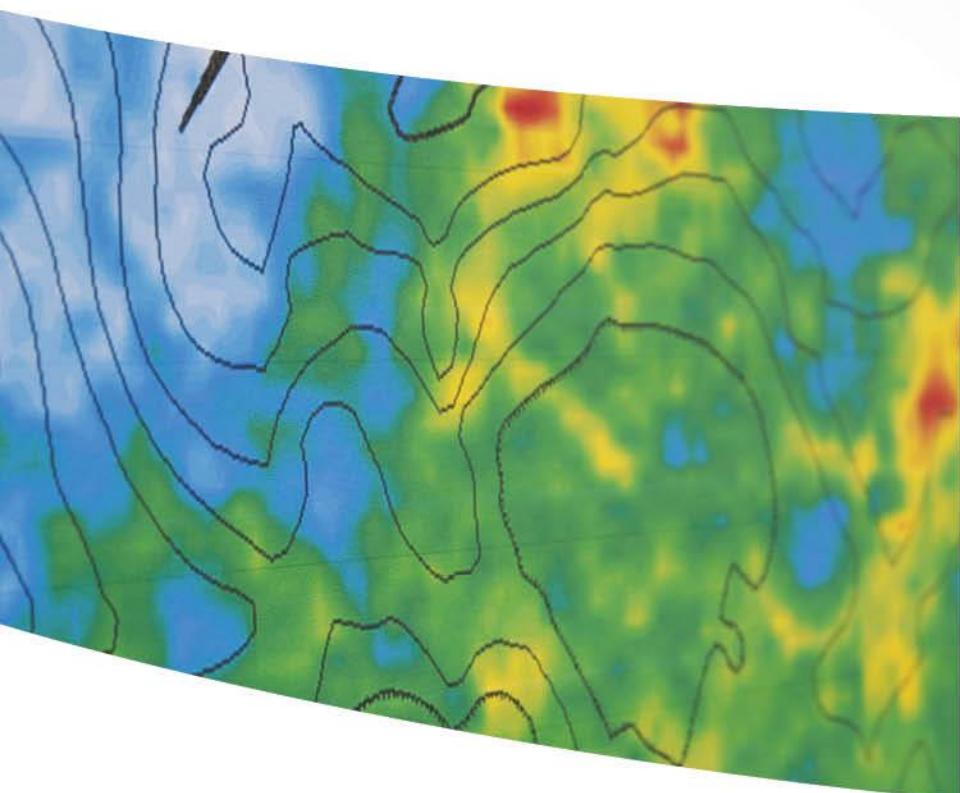
- Ship 92 m long
- 10 towed cables
- 7 km cable length
- 1.25 km cable spread



Marine Mammals and Turtles Observed

- Dedicated observers scouted for marine mammals and turtles.
- By strict protocol, operations were modified or suspended when there was any risk to sighted animals.



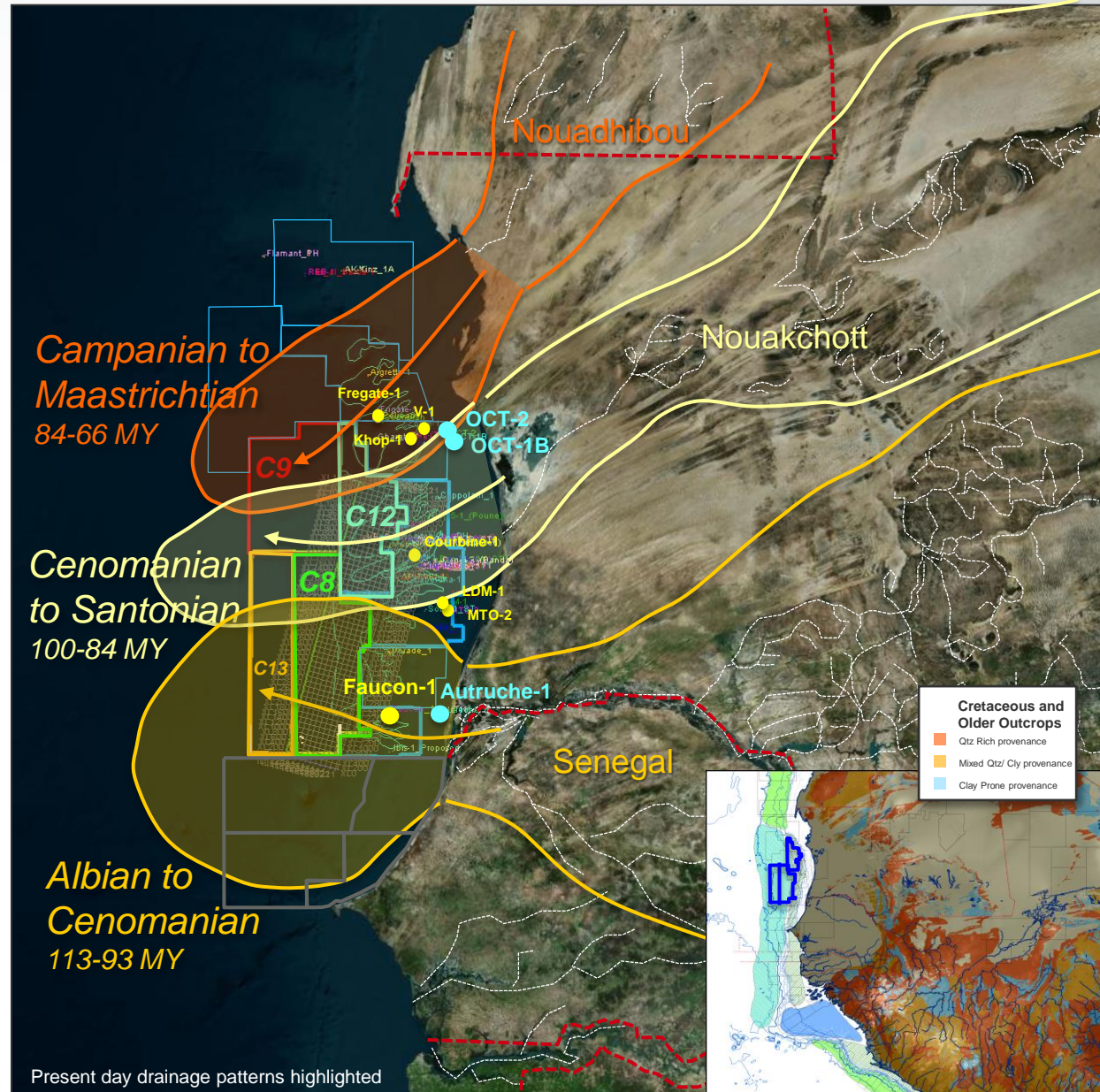


Kosmos Blocks C8, C12, C13

3. Interpretation and Prospects

Deepwater deposits fed by three river systems:

- Three paleo-drainage systems are interpreted to have delivered significant sands to the slope and basin during the Cretaceous.
- For Block C8, seismic evidence indicates robust slope channel systems in the Albian through Cenomanian sequence. These are the primary reservoir objectives.
- Very few inboard wells encountered this deeper Albian to Cenomanian interval.
- Extensive quartz-rich provenance mapped at present day.



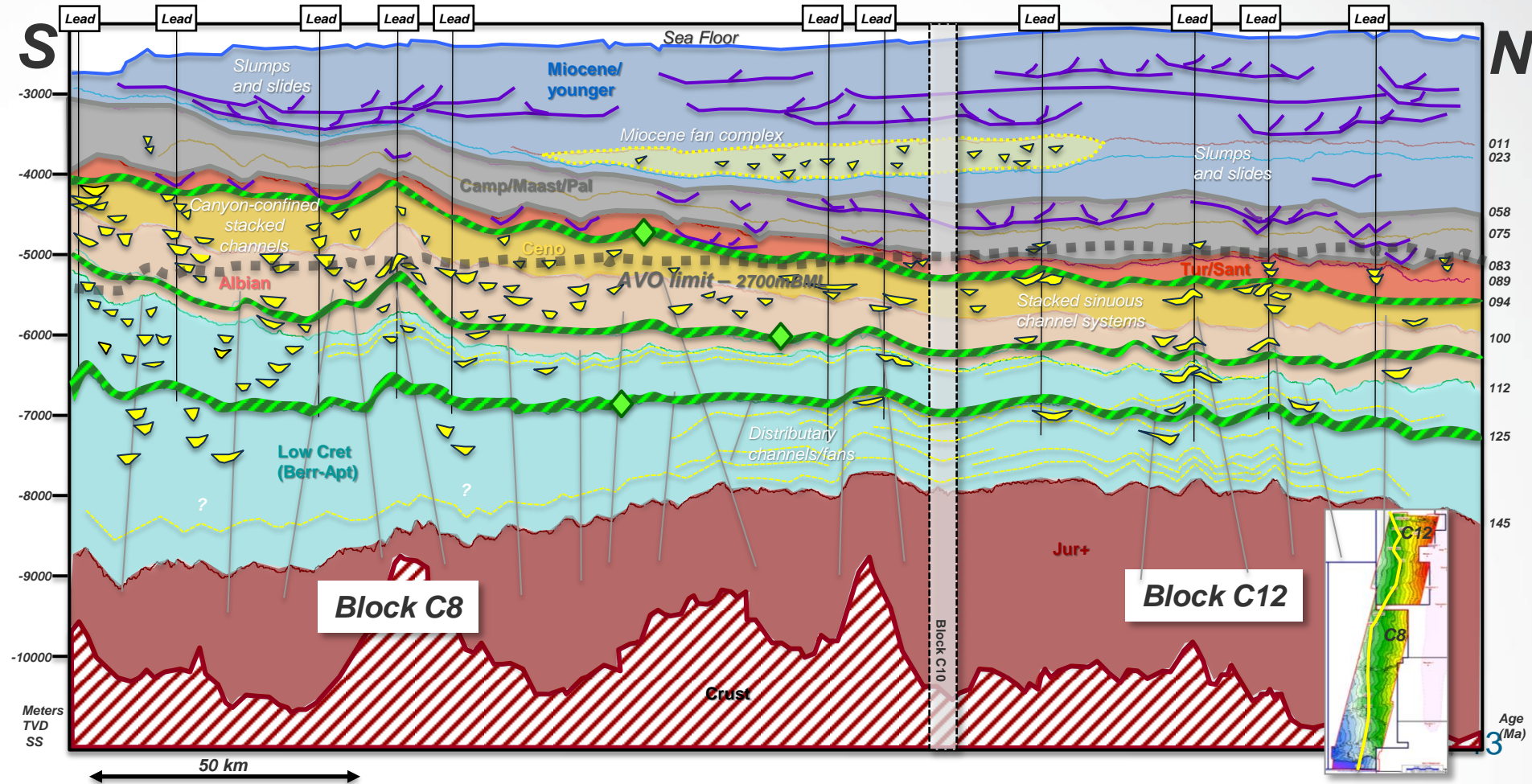
Stratigraphic Framework from 3D Seismic

Block C8:

- Many stacked, canyon-confined channels sourced from paleo-Senegal drainage system.
- Possible charge from Albian or Neocomian-Barremian SR.
- AVO (Amplitude Versus Offset) support for Cenomanian to Upper Albian leads.

Block C12:

- Less confined, sinuous channel sequences sourced from paleo-Nouakchott drainage system.
- Possible charge from Cenomanian-Turonian SR.
- Objectives are too deep for AVO support.

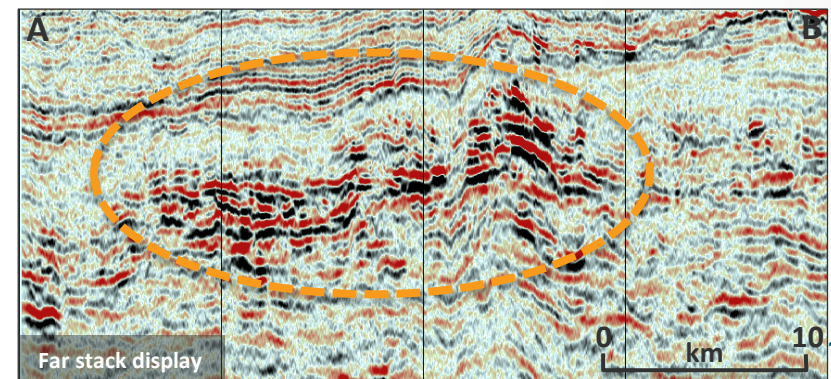
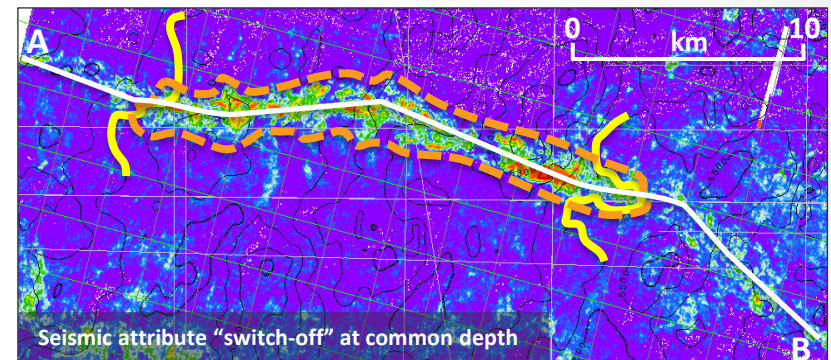
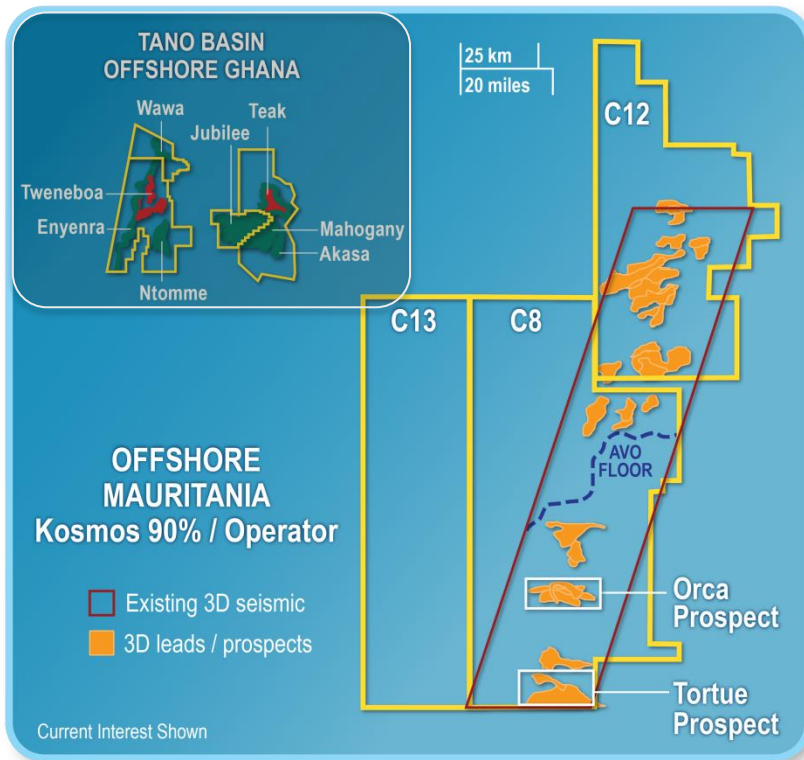


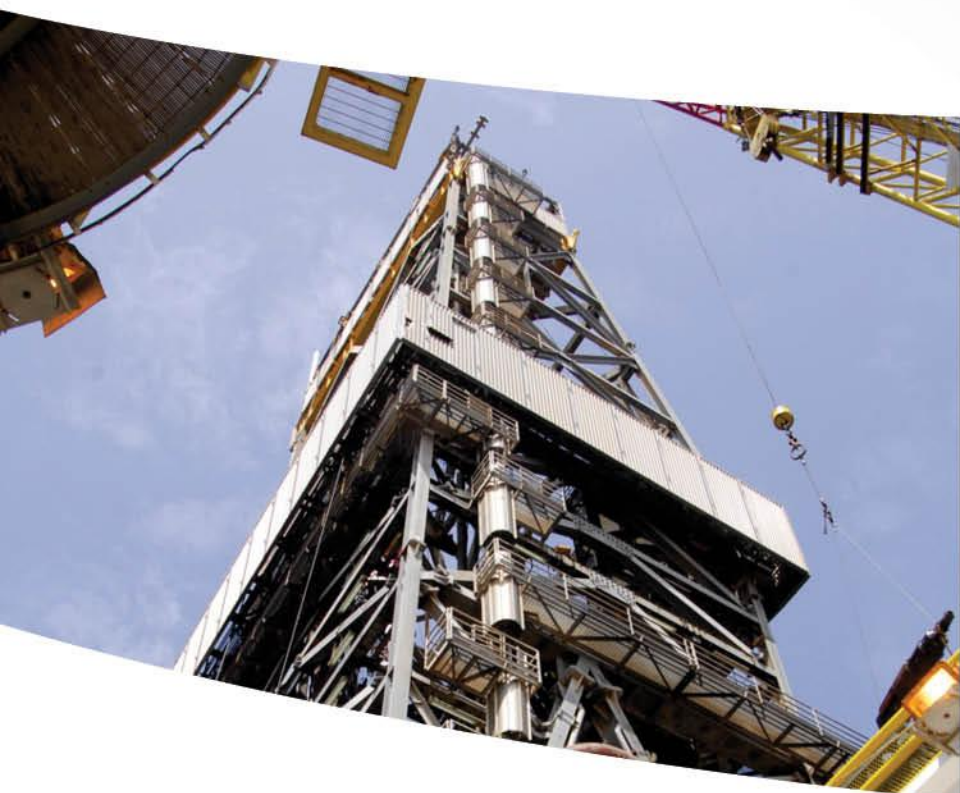
Block C8 - Prospects

- **3 large blocks and ~10,000 sq kms of 3D seismic**
 - Many structurally closed leads.
 - Many interpreted channels.
 - AVO analysis and lith-fluid modeling on Block C8 is indicative of hydrocarbon fluids reservoired in channel-form bodies with combination structural/stratigraphic traps.

- **Key Prospect – Orca**

- Stacked, Albian and Cenomanian aged channels with favorable AVO attributes and apparent fit-to-structure.
- Numerous follow-on prospects, if first well is successful.



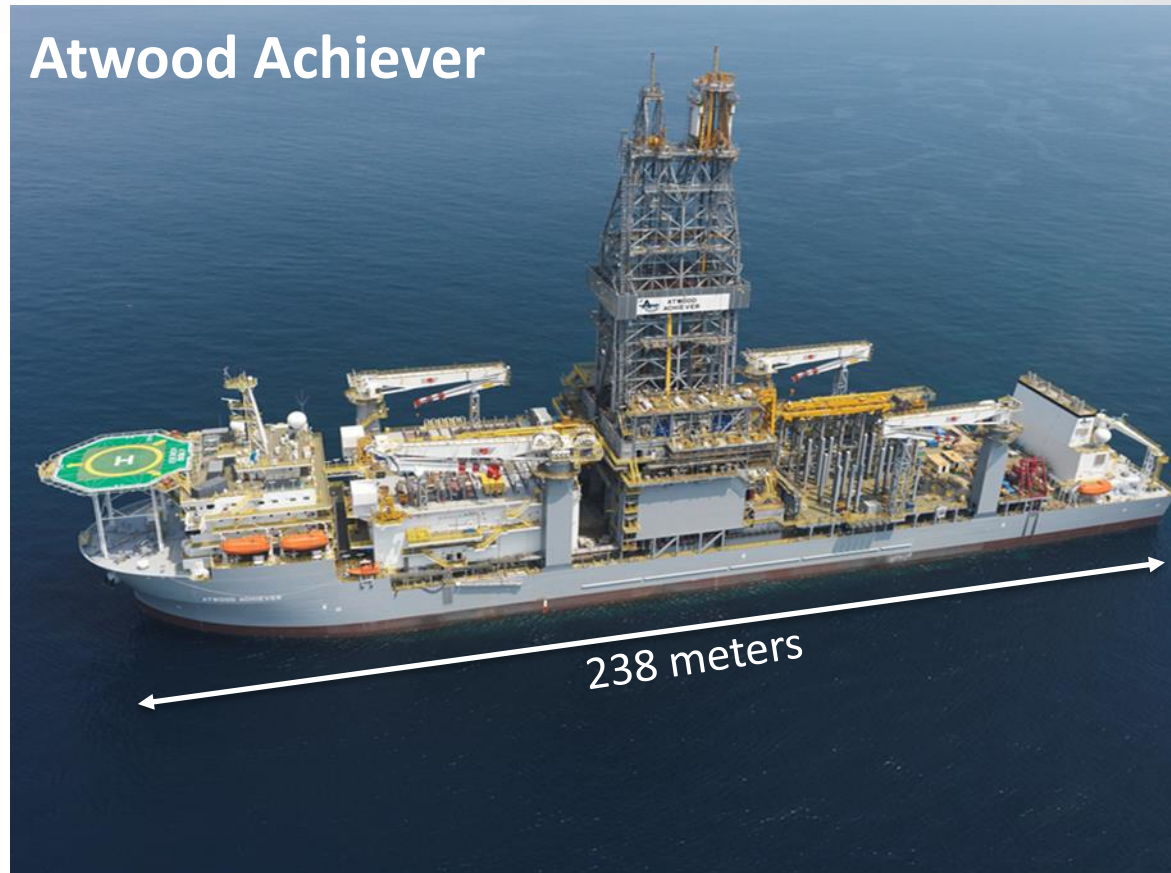


Kosmos Blocks C8, C12, C13

4. Drilling Plans

- New-build drillship ready for duty in December 2014
- Dynamically positioned 6th generation drillship
- Ultra-DW capability to over 3600 m WD
- Drilling depth capability to over 12,000 m
- Dual derrick, dual BOP
- 3 year contract with Kosmos

The first Mauritania well will be on Block C8, and should be drilling the objective section during the first quarter of 2015.





Thank you for your attention.

*For more information:
kosmosenergy.com*