Offshore Exploration Opportunities in Guyana

Kerry Sully
President & CEO

CGX Energy Inc.

Energy Caribbean 2009
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Multiple Stacked Targets Identified
- 2,344 km² of new 3D seismic

Joint Venture Opportunity
- **Corentyne PPL** (CGX 100%)
  - 6,200 m exploration well
  - Q4 2010
  - ~$70 million
    - JV partner pays minimum 60% on promoted basis
- **Georgetown PPL** (CGX 25% WI)
  - Similar JV opportunity on CGX interest
Guyana Suriname Basin
Operators Preparing to Drill

Seismic 2008 - 2009

- Exxon 2D
- CGX 3D
- Repsol 3D
- Murphy 3D
- Inpex 3D
- Tullow 3D
**Primary Prospects**
- Turonian Turbidite

**Secondary Prospects**
- Eocene Sand
- Campanian Turbidite

**Leads**
- Maastrichtian Sand
- Albian / Aptian Reef
Eagle Targets are World Class

- **Primary Prospect - Turonian**
  - Turonian - Structural trap 8 km\(^2\), stratigraphic > 200 km\(^2\)

- **Secondary Prospects**
  - Campanian – Structural trap 33 km\(^2\), stratigraphic > 200 km\(^2\)
  - Eocene – Stratigraphic > 100 km\(^2\)

- **Leads**
  - Maastrichtian; Aptian/Albian

- **Prospective Resource**
  - 100’s million barrels to > billion barrels per prospect
Equatorial Atlantic Margin Play

The Atlantic Margin at Turonian - Campanian Time (Mid Cretaceous)

Guyana/Suriname Basin

Similar depositional setting and geological timing to recent world class West African discoveries
Depositional Model for Turonian

- Berbice Canyon
  - 25 km across
  - 1.3 km deep

- Adjacent Corentyne Incised Canyon
  - feeds Eagle Prospects

Richards, Bating, Bowman, 1998
Five Prospects / Leads
(Albian, Turonian, Campanian, Maastrichtian, Eocene)

- Eocene Turbidites (Eagle, Wishbone) at 3,020 m
- Maastrichtian ~37° API oil in Abary Well at 4,075 m
- Campanian Basin Floor Fan (Eagle Deep) at 4,870 m
- Turonian Fan at 5,640 m
- Cenomanian Source at 6,370 m
- Albian / Aptian Carbonate at 6,720 m
Leading Edge Technologies Used

- 3D solid-state streamer acquisition by Fugro 2,344 sq km
- PSTM by CGGVeritas and PGS
- PSDM TTI by CGGVeritas
- AVO and Inversion using Rock Solid Images
- PSTM and Interval Velocity Using Data Modeling Inc.
- Attributes by ffA on Georgetown
- GMI pore pressure prediction / wellbore stability
Corentyne Incised Valley
Funnels Sand onto Slope

Conduit for sand into basin

Sand Rich Shelf

High Quality Source Rock

Albian Shelf Margin Carbonates

Eagle Location

25 km

Jurassic Synrift Sediments

Turbidite Fans
Positive AVO Inversion in Turonian -
(Indicative of Hydrocarbon Charge)

Georgetown - Corentyne

Approx. outline of Eagle sea floor fan complex

Eagle Turonian Fan Complex
~250m Gross Thickness

TopAMP-Eagle-Case2
35-TopAmp-Basalsequence

Hydrocarbon fluid indications from AVO and inversion work
Eagle to Test 3 Targets

Primary Targets:
- Turonian, Campanian, and Eocene
- Scheduled for H2 2010
- TD 21,000 feet
- Water depth 274 feet
- HPHT Well (High Pressure/High Temperature)
- Expandable Casing Design
- Managed Pressure Drilling
- Cost ~ US$70 million
Preparing for Rig Tender

- Re-Opening Data Room for JV Partner December 2010
- Operators Forming Basin Rig Consortium
- **Eagle Drilling Design in Third Iteration**
  - Cost estimate drops to < US$70 million
- **Strategic Environmental Assessment**
  - EMC Guyana
  - PMO Global Services
  - Consultations with Government Agencies
  - Submit SEA July 2009; Approved December 2009
- **Staging and Storage Facility**
  - Application Made to Government
Eagle Deep Casing Design

Design Objectives

- Ensure safe and effective evaluation of the target formations
- Allow testing and production from the well in the event a discovery is made

Challenges

- Gumbo and lost circulation zones uphole
- High pressure and temperature downhole
- Somewhat narrow window between pore pressure and fracture gradient

Base Program

- 600' 26" Structural
- 3000' 20" - 169 ppf
- 8000' 13-5/8" – 88.2 ppf
  - Expanded 11-3/4" × 13-3/8"
- 14,500' 9-7/8" – 62.8 ppf HC-125
  - Expanded 7-5/8" × 9-5/8"
- 21,000' 7" – 46 ppf P-110
  - 5" Liner

Contingency

Base Program Contingency
Major Equipment, Materials and Services Needed

**Equipment**
- 350’ Independent Leg Jackup rated to 375’ water depth
- Supply and Crew Boats (2–5 khp, 1–4 khp, 1-2 khp)
- Helicopter (S76 equiv)
- Managed Pressure Drilling

**Materials**
- Casing
- Bits
- Drilling Fluids
- Cement
- Food & Water

**Services**
- **Drilling**
- **Drilling Support**
  - Drilling fluids
  - Cementing
  - Casing handling
  - Mud logging
  - MWD/LWD
  - Formation Evaluation
- **Logistics**
  - Transportation
  - Shore Base
  - Catering
  - Customs brokerage
  - Security
Current plan is to develop a shore base near New Amsterdam in the mouth of the Berbice River.

New bridge and existing shipping channel will provide good access to drilling location without competing for dock space in the Georgetown area.
Summary: Offshore Guyana Offers World Class JV and Service Sector Opportunity

- Joint Venture provides exposure to a world-class exploration portfolio in the Guyana/Suriname Basin

- Resource estimate of 100’s million to ~ Billion barrels for each Corentyne prospect

- Exploration well commitment on a “promote basis” to earn significant interest in Corentyne Block

- Well cost estimate < US$70 million, operatorship is negotiable

- Additional opportunity exists to participate in the Repsol/YPF/Tullow/CGX Georgetown Concession (25% WI)
Corporate Overview

Large Land Holdings
- 8.8 million acres gross (7.0 million net)

Well Financed
- US$17.5 million working capital September 2009

Listed on TSX-V: Symbol OYL
- $1.15 on November 27
- 52 week high $1.55; low $0.29

Common Shares
- 127.3 million issued
- 137.1 million fully diluted
# Directors and Officers

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<tr>
<th>Name</th>
<th>Title and Experience</th>
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<tr>
<td>Kerry Sully</td>
<td>President, CEO and Director – 39 years experience. Past CEO of Ranchmen’s Resources</td>
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<tr>
<td>Warren Workman</td>
<td>Vice President, Exploration – 35 years experience. Previously with Amoco, Unocal and Ranchmen’s</td>
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<td>James Fairbairn</td>
<td>CFO – CA with 20+ years experience with publicly-traded companies</td>
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<tr>
<td>John Clarke</td>
<td>Vice President, Business Development – 35 years experience. E&amp;P with Texaco and Candax; O&amp;G Analyst with Deutsche Bank and Octagon</td>
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<tr>
<td>Denis Clement</td>
<td>Director – 27+ years experience in corporate finance, law and management. Director of a number of public and private resource companies</td>
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<td>John Cullen</td>
<td>Co-founder and Director – 27+ years experience. Co-founder and Director of Candax Energy Inc. and Southeast Asia Mining Corp.</td>
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<tr>
<td>Edris K. Dookie</td>
<td>Co-founder CGX Energy – Executive VP of CGX Resources and President of ON Energy</td>
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<tr>
<td>Adrian Jackson</td>
<td>Independent Director – Equity Analyst with Investec Asset Management based in London, UK</td>
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<tr>
<td>Oliver Lennox-King</td>
<td>Independent Director – Chairman of the Board of Fronteer Development and Aurora Energy Resources</td>
</tr>
<tr>
<td>Charlotte May</td>
<td>Investor Relations – 20+ years experience in the institutional brokerage industry focused on junior oil and gas companies</td>
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(TSX-V: OYL)
www.cgxenergy.com