

ATKINS

integrated oil & gas engineering solutions

working throughout the hydrocarbon value chain

Our aim at Atkins is to provide a comprehensive engineering consultancy service across the full spectrum of our clients' activities. In essence, our skills are directed towards two goals:

- The creation of value via performance based design;
- The protection of value via management of integrity.

We seek to deliver these goals at all stages of the hydrocarbon value chain, encompassing exploration, drilling, production, refining, LNG, gas supply and retail.

Facilities Design

Facilities Design
De-bottlenecking, Optimization and Troubleshooting
Design Review, Audit and Due Diligence
Relief and Protection System Studies
Fire Protection

Subsea Engineering

Design
Flow Assurance
Technical Assurance
Dropped Objects Risk and Impact

Structural Engineering

Integrity Management
Fixed Structures
Floating Structures
Fleet Management System
Riser, Conductor and Casing Design
Structural Safety Services

Process Simulation

Plant Control and Operation Analysis
Fast Transient (Waterhammer) Surge Analysis
Heat Exchanger Tube Rupture
Technology Extensions
Operator Training Simulators

Reliability

Reliability and Availability Analysis
Failure Modes and Effects Analysis
Reliability Based Maintenance
Integrity Level Analysis
Failure and Trends Analysis

Health, Safety and Environment

HSE Management Systems
Process Hazard Analysis
Consequence Analysis
Risk Assessment
Environmental Impact Assessment
Human Factors
HSE Case Compilation and Maintenance Training

Fluid Mechanics

Consequence Analysis Expertise
Fluid Loading and Platform Response
Process System Analysis

Commercial

Business Risk
Decision Support
Project and Cost Control



TRINIDAD & TOBAGO
2006 OIL AND GAS CONCESSION MAP

Offshore

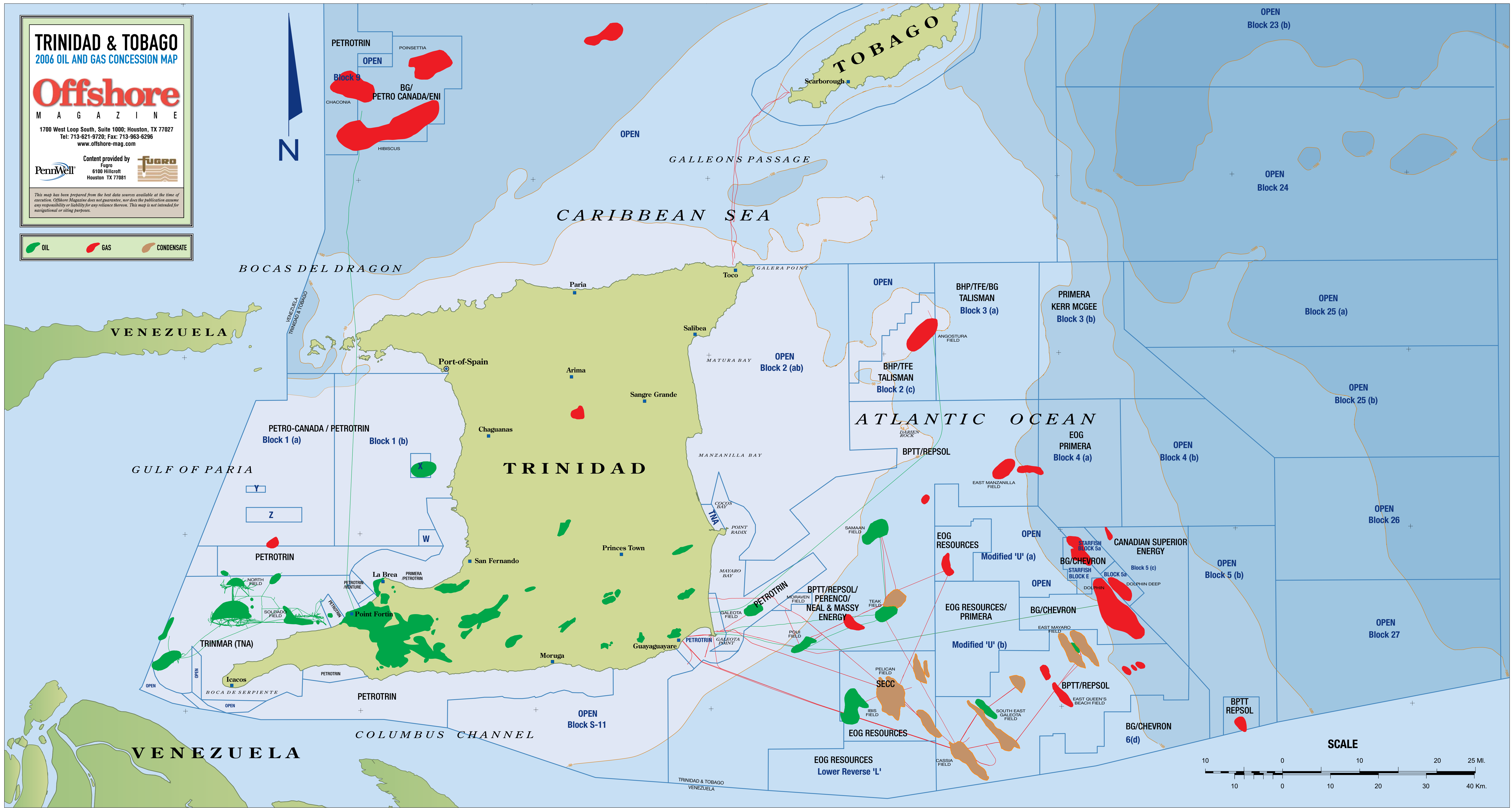
M A G A Z I N E

1700 West Loop South, Suite 1000; Houston, TX 77027
Tel: 713-621-9720; Fax: 713-963-6296
www.offshore-mag.com

Content provided by
Fugro
PennWell
6100 Hillcroft
Houston TX 77061

This map has been prepared from the best data sources available at the time of execution. Offshore Magazine does not guarantee, nor does the publication assume any responsibility or liability for any reliance thereon. This map is not intended for navigational or siting purposes.

OIL **GAS** **CONDENSATE**



Above or below the surface...
in Trinidad or worldwide...
Fugro is the recognized leader for:

- Survey and positioning services
- Geotechnical services
- Oceanographic services

FUGRO
Fugro Survey Caribbean - 868.628.3204
Fugro Chance Inc. - 337.237.1300 • 713.346.3700
Fugro GEOS - 713.346.3600
Fugro GeoServices, Inc. - 713.369.5800 • 337.237.2636
Fugro-McClelland Marine Geosciences, Inc. - 713.369.5600

Subsea
Conference & Exhibition
Galveston, Texas
February 28-March 2, 2006
www.subseatechforum.com

Day Pass & Reser Forum
Houston, Texas
February 28-March 2, 2006
www.daypassforum.com

DOT
Conference & Exhibition
Houston, Texas
March 14-16, 2006
www.offshoretechnology.com

Multiphase
Houston, Texas
November 29-30, 2006
www.multiphasepump.com

Deepwater Operations
Galveston, Texas
January 23-25, 2007
www.deepwateroperations.com

2006-2007 PETROLEUM EVENTS
www.global-energy-events.com

Capital Signal Company Limited
Technology Driven • Value Added • Safety without compromise
Survey & Geosciences
• DGPS Navigation, Positioning for rig moves
• Bathy and Harbor Surveys, Pre and Post-Drudge Volume Analysis
• 2D Seismic High Resolution Geo-hazard Site Surveys
• Remote Operating Vehicles (ROV), Inspection and Drill Support Services
TRINIDAD & TOBAGO, MEXICO, HOUSTON, TEXAS, VENEZUELA
Head Office & Operations: LP 102 Western Main Road, L'Anse-au-Loup, Trinidad & Tobago W.I. Tel: (868) 694-2725 Fax: (868) 694-2108
www.capitalsignal.com, email: info@capital.signal.com

Offshore
MAGAZINE
World Trends and Technology for Offshore Oil and Gas Operations
RECORD COVER 265 MILLION TONNAGE OF THE WORLD'S LARGEST OIL PROCESSOR - OFFSHORE COVERS THEM ALL

HELIX
ENERGY SOLUTIONS
Leader In Exploration Of Marginal Fields
Helix Energy Solutions is a marine energy service company. Our business scope is worldwide, with operational capabilities ranging from shallow water to 10,000 FSW.
www.HelixESG.com