

Enercom

The Oil & Gas Conference - Denver

(Nasdaq: ESES)



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Technology-driven, oilfield services company building a business in fast-growing, higher-margin international shale regions

~ 80% of shale reserves located outside North America – with just 20% of global pressure pumping capacity

Highly experienced and successful management team with comprehensive international oil and gas track record

Early mover in one of the largest and most active international shale opportunities - Vaca Muerta in Argentina

Assets, contracts and personnel in place and operating in Argentina

Argentina government encouraging energy investments; expect strong growth in undersupplied market

Strong financial and strategic partners with significant emerging market and geopolitical experience

Technology-Driven, Emerging Growth Platform

Capitalize on emerging market developments and sentiment for "Eco-Friendly" unconventional solutions

- Emerging growth, technology-driven independent oilfield service company providing:
 - Well stimulation;
 - Coiled tubing; and
 - Field management services
- Focused on reducing the ecological impact and improving the economic performance of the well stimulation process
- Assembling proven technologies and processes to:
 - Reduce the surface footprint, horsepower and capital cost;
 - Reduce emissions and methane leakage; and
 - Conserve fuel and water
- Focused on bringing best practices and proven technologies to the most active shale resource basins outside the United States:
 - Initial focus on the high-quality Vaca Muerta in Argentina; and
 - Base Level Contract in place through 2016
 - Approved as vendor for YPF; now largest customer
- Funding in place to grow HHP from 10,000 to 52,000 by early 2016





Seasoned Leadership Team with Highly Relevant Experience

		Relev	vant Experience
	Bjarte Bruheim Chairman and Founder	 30+ years international management experience 	RCS ODIM Spring CDEnergy
S	J. Chris Boswell President, CEO and Founder	• 28 years experience in the oilfield service industry	PGS
	Bobby Chapman Chief Operating Officer	 35+ years senior management oilfield experience 	
	Alexander Nickolatos Chief Financial Officer and Assistant Secretary	 15 years experience in finance and accounting 	ARTHUR PRICEWATERHOUSE COPERS I
	Carlos A. Fernandez Sr. VP, Corp. Development General Mgr., Latin America	 35+ years senior management experience in Latin America 	neos Paradigm [.]
	Miguel Di Vincenzo VP, Sales & Technology	• 28 years oilfield services experience in Latin America	
	Mark Stevenson VP, Marketing & Geophysics	 30+ years senior geophysical management experience 	PGS WesternGeco Geo-Texture

Track Record of Consistent Success Building Profitable Energy Service Platforms

PGS Petroleum Geo-Services	SPINNAKER EXPLORATION	emgs	ODIM
 Co-founded by Bjarte Bruheim in 1991; served as President until 2001 Chris Boswell CFO from 1995-2002; directed >\$3 billion in growth capital Grew from 2 ships to 33% share of the marine seismic market by 1998 Now has 16 marine seismic vessels, with 33 offices in 25 countries 	 Developed in 1995 by Bjarte Bruheim, Chris Boswell and others utilizing PGS' seismic library as seed capital Initially funded by Warburg Pincus Completed \$116 million IPO in 1999 Acquired by Norsk Hydro ASA (now Statoil ASA) for <u>\$2.45 billion</u> in 2005 	 Deepwater exploration venture initially capitalized by Bjarte Bruheim and Warburg Pincus Acquired certain electromagnetic technologies from Statoil ASA in 2004 Completed IPO in 2007 valuing the company at <u>~\$1.6 billion</u> 	 Bjarte Bruheim named Executive Chairman of financially troubled seismic equipment designer in 2002 Successfully arranged new investor capital to help turn around company Sold to Rolls-Royce in 2009 for approximately <u>\$200 million</u>
Spring 📿 Energy	EASTERN 🎯 ECHO		
 Co-founded by Bjarte Bruheim in 2009 as an E&P vehicle to utilize EMGS technology to de-risk offshore targets Sold to Tullow Oil in 2012 for up to <u>\$672 million</u> total consideration 	 Norwegian marine seismic venture co- founded by Bjarte Bruheim in 2005 Listed on Oslo Stock Exchange in 2007 Signed contracts for construction of 6 advanced 12-streamer 3D vessels Acquired by Schlumberger in 2007 for <u>\$838 million</u> in cash consideration 	 Co-founded by Bobby Chapman in 2005 with backing from Soros and ESS Grew to 6 crews and 130,000 HHP by the second half of 2007 Contracts in place for 3 additional crews at 56,000 HHP Sold to Trican Well Service in 2007 for <u>\$256 million</u> 	 In 2009, Chris Boswell was hired as CFO to re-set strategy and divest assets for a distressed silicon valley backed oilfield technology company Mr. Boswell and Carlos Fernandez successfully farmed 5 blocks in Neuquén province of Argentina Arranged <u>\$60 million</u> in expansion capital from new investors in 2011, including Microsoft founder Bill Gates and Energy Capital Group

Leading Equity Sponsors with Extensive Oilfield and Emerging Markets Expertise

Experienced energy investors dominate the founding shareholder group



Underwritten offerings in 2015 have added the following large investors (over 10% holders) to the Company:

- Gilder Gagnon
- Bienville Capital Management
- Hayman Capital (Kyle Bass)

In July 2014, the Company received \$30 million in private financing from Albright Capital Management

ALBRIGHT CAPITAL MANAGEMENT LLC

 Founded in 2005, Albright Capital Management, LLC ("ACM") is an internationally recognized private investment firm chaired by former United States Secretary of State Madeleine Albright

- \$329 million in assets under management dedicated exclusively to investments in emerging markets
- Extensive experience pursuing successful foreign investments and managing geopolitical risks
- \$33.5 million total investment in the Company
 - 1,333,334 shares issued at \$6.00 per share in July 2014
 - 173,913 shares issued at \$5.75 per share in February 2015 offering
 - 526,315 shares issued at \$4.75 per share in July 2015
 - \$22 million Senior secured convertible debt facility
 - 14.0% annual coupon payable in arrears; matures in May 2018
 - ▶ Convertible at \$6.00 per share
- Currently have 3 seats on the Company's Board of Directors

Eco-Stim's recipe for a successful international shale play

Approximately 75% of global shale resources lie outside the United States

Key Ingredients For Successful Shale Plays

- Geology Resource produces economic hydrocarbons
- 2. Pace of activity Sufficient wells to maintain good equipment utilization
- 3. Demand for hydrocarbons Production consumed locally or export potential
- Infrastructure Roads, housing, fuel, pipelines and support services
- Local knowledge Feet on the ground; local network
- 6. Business risk Regulations, taxes, security, culture, ethics, etc.



Top 10 Countries with Technically Recoverable Shale Oil Resources



Source: EIA and Accenture.

Argentina's Vaca Muerta is one of two successful international shale developments

Of those nations with significant shale resources, Argentina is well-positioned to attract significant new investment in unconventional development

- · World's third largest resource nation of shale oil and gas
- One of the fastest growing import markets for natural gas
- Established pipeline and strong facility infrastructure
- 100 year energy production history provides experienced oil and gas workforce
- New hydrocarbon law is industry friendly
- Government supported oil price of \$77 per barrel
- Government supported gas price of \$7.50
- YPF production from Vaca Muerta nearing 45,000 BOE



	Vaca Muerta	Barnett	Haynesville	Marcellus	Eagle Ford	Bakken
TOC (%)	6	5	2	12	4	12
Thickness (m)	200	91	76	61	61	30
Depth (m)	3,000	2,286	3,658	2,057	2,287	1,829
Area (km ²)	30,000	16,726	23,310	245,773	5,180	51,800
Reservoir pressure (psi)	8,000	3,525	10,800	3,375	4,502	4,200
Pressure gradient (psi/ft)	0.65-1.0	0.47	0.90	0.50	0.60	0.70

Source: YPF, EIA, SPE.

High-quality liquids-rich shale with established infrastructure, manageable logistics

Investments, rig count and number of operators are all increasing

- Argentina is one of Latin America's fastest-growing oil and gas exploration markets:
 - 20 new "shale" drilling rigs moved to Argentina over last 18 months; highest rig count in many years
- YPF is expected to spend \$37 billion over five years:
 - JV partners: Chevron, Dow Chemical, Petrola Pampa, Petronas, Sinopec and most recently Gazprom
 - ExxonMobil, Shell, CNOOC, Pluspetrol, Petrobras, Total, and Tecpetrol also maintain substantial drilling budgets





Domestic operators under extreme pressure from the government to drill and produce hydrocarbons

Strong Demand, High Imports, Lack of Dollars, Big Resource and New President

- Argentina has pressing need for increased production:
 - Energy deficit driven by underinvestment
 - Consumption began to exceed production in 2009
 - Importing substantial portion of daily consumption
- Domestic price controls shielding market from global oil plunge:
 - Lack of dollars available to buy imported oil
 - Domestic oil and gas prices near highest levels on record
- New Federal Hydrocarbon Law sets nationwide rules and incentives to provide greater certainty for foreign operators
 - Lower investment thresholds to qualify for export tax exemptions
 - Provincial royalties capped at 12%
 - Holding period for concessions extended to 35 years
 - Elimination of certain import restrictions on drilling equipment



Argentina's Dry Natural Gas Production & Consumption 1990-2013



Argentina's Natural Gas Imports and Exports

Argentina has approved reforms aimed at attracting foreign shale investment to erase costly energy deficit

Commodity Prices in Argentina are set by the Government





Argentina Commodity Price Development

■ Oil Price ■ Gas Price



While North America holds an estimated 15% of worldwide shale reserves, it has about 80% of global pressure pumping capacity

* Management believes all prices in all U.S. basins have been reduced <u>30-35%</u> in 2015 from these 2014 levels

Actual Eagle Ford VS Predicted Vaca Muerta - Drilling Rigs and Stimulation Fleets





Source: Management research; Simmons & Co

Argentina Market Segmentation – ESES expanding to all three market segments





Capex from the proceeds of the July 2015 equity offering will give the Company an opportunity to participate in all three markets

Impact of Fleet Additions on Hydraulic Horsepower



Multiple Benefits of TPUs

Multiple benefits over conventional diesel-powered well stimulation equipment

Multi-Fuel Capabilities	 Designed to run on field gas, LNG, CNG, Diesel or bi-fuel No loss in efficiency and horsepower
Lower Emissions	 Lower emissions than conventional diesel engines ~60% below Tier IV standards for NOx and CO No methane slippage issues compared to diesel or bi-fuel
Smaller Footprint	 Single unit trailer with twice the horsepower as conventional engines Uniquely outfitted with twin triplex pumps
Fuel Savings	 Total annual savings opportunity of nearly \$10 million compared to a traditional diesel fleet
Purchased at Significant Discount	 Purchased 54,000 HHP of the latest generation turbine-powered pressure pumping units at 80% discount to replacement cost

Comparison of Physical Footprint



Latest generation turbine-powered pressure pumping unit (4,500 HP)



Conventional diesel-powered pump (1,800-2,500 HP)

Unique clean turbine pumping technology with proven capability to operate in unconventional shale regions

Illustrative Market Economics for New Argentina Equipment

Illustrative Run-Rate Field Level Cash Flow for Comparable Equipment*



Conventional & Tight Gas Pumping Fleets

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Unconventional Fleet



Coiled Tubing Unit

Gross Margin Payback Period	19 months
Total Investment (\$MM)	\$13.5
Gross Margin (%)	40%
Average Monthly Gross Margin	\$720,000
Average Monthly Operating Cost	\$1,080,000
Average Monthly Revenue	\$1,800,000
Average Price per Stage	\$150,000
Stages per Month	12

Stages per Month
Average Price per Stage
Average Revenue per Job
Average Operating Cost per Job
Average Gross Margin per Job
Gross Margin (%)
Total Investment (\$MM)
Gross Margin Payback Period

25	i
\$600,000	1
	į
\$15,000,000	į
\$9,000,000	į
\$6,000,000	i
40%	1 1
407 0	1
\$27.0	ł
5 months	4

н

Number of Jobs per Month	8 to 12			
Average Revenue per Job	\$65,000 to \$70,000			
Average Monthly Revenue	\$620,000			
Average Monthly Operating Cost	\$372,000			
Average Monthly Gross Margin	\$248,000			
Gross Margin (%)	40%			
Total Investment (\$MM)	\$6.5			
Gross Margin Payback Period	26 months			

*For illustrative purposes only based on industry observations of peer companies. Note: Does not reflect general administrative and corporate overhead expenses.

According to Welling & Co, the primary reason for poor performing shale wells is the lack of subsurface understanding



Due to low understanding of the subsurface & currently low oil prices, 80% of unconventional wells are "uneconomic"



Source: IHS

Once subsurface is understood, sweet spots can be located. Note that almost 90% of all production comes from a few wells



Source: IHS

Technology Platform to Identify Sweet Spots and "Ground Truth"

Eco-Stim conducts its horizontal stimulation services within a systematic methodology

- Leverages fiber-optic technology and predictive modeling (how many stages don't actually produce hydrocarbons?)
- Enables Eco-Stim to efficiently predict stimulation effectiveness and understand the shale in real-time



Predict, Execute, Measure, Evaluate, Re-Predict

Example of "Sweet Spot" Prediction

Mud logs on this horizontal well show flare markers that confirm predictive fracture maps



- Using proprietary technology for accurate well placement and stimulation stage planning
- Maps produced in less than three weeks at minimal cost
- Over 350 shale projects completed in U.S. shale plays
- Over 25 projects completed in Argentina

Curvature Attributes

 Flares correlate with Geo-Predict sweet spot mapping – confirming the effectiveness of Geo-Predict's methodology

Mud logs on this horizontal well show flare markers that confirm predictive fracture maps

Confirmation of Producing Zones.....

(It is generally accepted in the industry that only one of three stages actually produce)



Once confidence is built in predictive techniques, substantial cost savings can be achieved



Result of "Smart" stimulation process is to concentrate stages in those areas with the highest probability of production thus reducing cost and increasing recovery rate

In new shale plays, technology advances can accelerate learning curve and focus efforts in high probability regions



Source: EIA



EcoStim Field Management System (Example from Permian Basin)



GeoPredictSM searches out reoccurrence of key attributes to provide guidance as to "Sweet Spots" in new shale plays





EcoStim – Capital Structure



Argentina Strategic Investors
 Public Float

Fully Diluted Shares Outstanding - 18.2M



EcoStim – Capital Efficiency

Description	Amount		
Total Capital Secured Since Inception	\$75 million		
Total HHP Deployed When Current Capacity Is Fully Operational	80,000 HHP		
Average Cost Per HHP Deployed	\$940		
Average Cost Per HHP For Industry	\$1,000		

In summary, we started a company from scratch, hired a team, developed a customer base over a three year period, evaluated & acquired IP, licensed technology, imported equipment and started an operation;

AND bought equipment, ALL for a grand total of \$940 per HHP.

Pro Forma Balance Sheet

	June 30, 2015	Pro Forma Adjustments		Pro Forma Balance Sheet June 30, 2015
	(Unaudited)	(Unaudited)		(Unaudited)
Assets				
Cash and cash equivalents	\$ 3,593,271	\$ 27,373,591	Α	\$ 30,966,862
Other current assets	9,940,447	-		9,940,447
Total current assets	13,533,718	27,373,591		40,907,309
Total non-current assets	28,564,976	-		28,564,976
Total assets	\$ 42,098,694	\$ 27,373,591		\$ 69,472,285
Liabilities and stockholders' equity				
Total current liabilities	11,468,904	(2,485,163)	В	8,983,741
Total non-current liabilities	23,805,857	-		23,805,857
Total liabilities	35,274,761	(2,485,163)		32,789,598
Total stockholders' equity	6,823,933	29,858,754		36,682,687
Total liabilities and stockholders' equity	\$ 42,098,694	\$ 27,373,591		\$ 69,472,285

A Relates to July 15, 2015 equity raise whereby Company issued 6,164,690 shares of common stock at \$4.75 per share

B Relates to July 15, 2015 ACM interest payable conversion to common stock at a price of \$4.75 per share

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Early mover in one of the largest and most active international shale opportunities – Vaca Muerta, Argentina

Assets, contracts and personnel in place and operating in target market

Argentina Gov. price support encourages energy investment; expect strong growth in undersupplied market

Strong financial and strategic partner with significant emerging market and geopolitical experience