

Titan Oil Recovery, Inc.

Organic Oil Recovery

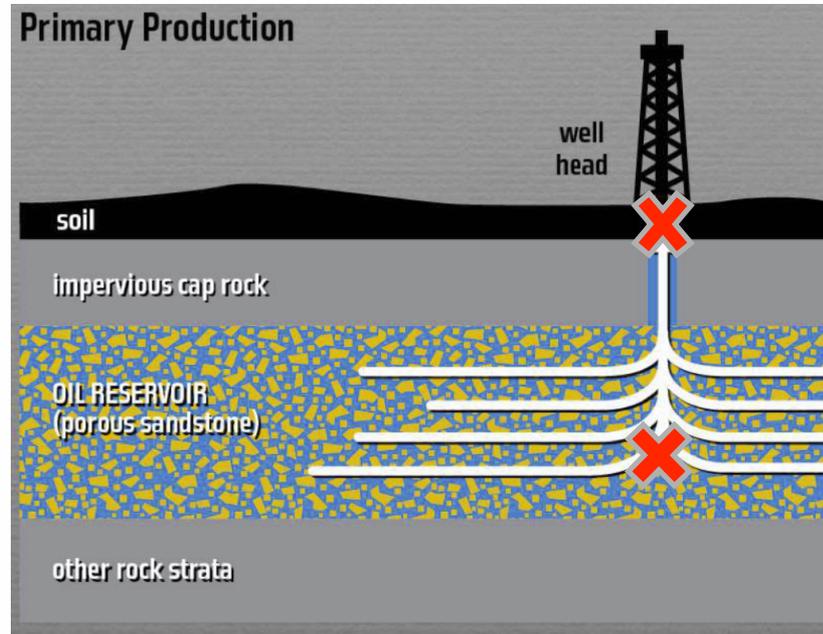


Forward Looking Statement

- This presentation contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. All statements included herein that address activities, events or developments that the Company expects, believes, intends, or anticipates will or may occur in the future, are forward-looking statements. Actual events may differ materially from those anticipated in the forward-looking statements. Although the Company believes that the assumptions underlying the forward-looking statements contained herein are reasonable, any of the assumptions could be inaccurate. There can be no assurance that the forward-looking statements included in this presentation will prove to be accurate. In light of the significant uncertainties inherent in the forward-looking statements included herein, the inclusion of such information should not be regarded as a representation by the Company that the objectives and expectations of the company will be achieved.

THE PROBLEM

- **65%** of the World's Oil in Existing Oil Fields is trapped and cannot be recovered....



6.2 Trillion Trapped Barrels of Oil in Existing Oil Fields

Economic Value over \$300 Trillion (T)

THE SOLUTION

Titan Oil Recovery – Organic Oil Recovery

- We Free Trapped Oil Using the Sciences of Nature



Proven - Proprietary - Eco Friendly - Low Cost

Average Well Production Increases 92% as a Result of The Titan Process

Global Results

- 48 Oil Fields
- 300 Well Applications
- **Average Production Increase 92%**
- Offshore and On Shore

Treatment Summary					
	Number of	Number of	Number of	Success	Oil
Type	Treatments	Wells	Increases	Rate	Increase
ISMRA (Single Well Test)	49	47	36	73%	140%
Producers	19	18	17	89%	133%
Injectors	238	81	234	98%	54%
Total	306	146	287	94%	92%

Business Model



- Revenues from Service to Global Oil Operators
- Charge \$30,000-\$400,000 per Well Treatment
- Injection Wells: \$500,000 to \$3,500,000 Per Treatment
- Well Treatments 2-3 Times Per Year
- Cash Flow from Titan Owned Oil Fields
- Joint Ventures with Halliburton for Investment Groups

Strategic Partner

Hunting Energy Services

Billion Dollar Oil Service Company



'Excellence in Energy Services for over 100 years'

Organic Oil Recovery (OOR)
Technical Overview



Customers



Offshore

6,500 Platforms in 53 Countries

- Lack of Deck Space Prohibits Most Enhanced Oil Recovery
- Platforms Closings Leaving Billions of Barrels of Oil
- North Sea Platform Closings – One Every 3 Weeks
- Gulf of Mexico Closings – One Every Other Day!
- Decommission Cost: \$100 million to \$2 billion per Platform in North Sea



Titan Process

Customer Benefits

- Increases Oil production
- Cost per Incremental Barrel: \$6-\$15 Barrel
- Exceptional IRR
- Faster
- Cleaner
- Biodegradable
- Low Cost
- No Capital Expense
- Easy Implementation
- Cash Flow Improves
- Reserve Additions



Society of Petroleum Engineers

Papers Published

Dramatic Results Verified By Customers



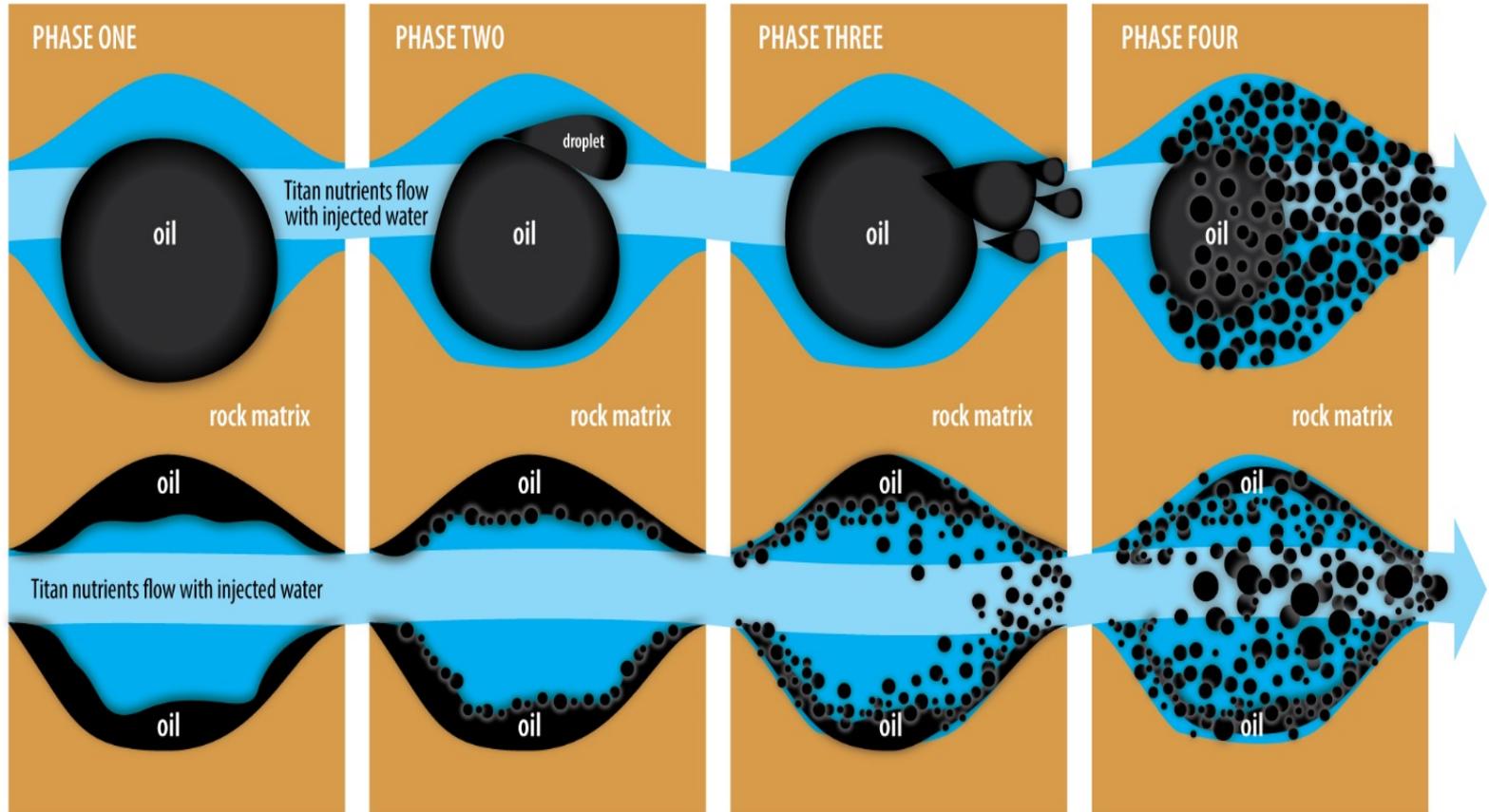
- **SPE 124319** MEOR Success in Southern Saskatchewan: Husky Energy: Documents oil production increases of: 225%, 450%, 100% and 533% on various test wells.
- **SPE 129742** MEOR Success in Southern California: Venoco Inc.: Documents oil production increases of: 300%, 15%, 27%, and 752% on various well tests in Southern California
- **SPE 145054** What Has Been Learned From 100 MEOR Applications: Husky, Venoco, Titan Oil Recovery: 100 Applications documenting an average oil production increase of 127% from pre-treatment rates to post-treatment maximum rates.
- **SPE 154216** A Texas MEOR Application Shows Outstanding Production Improvement: Atinum E&P, Inc. Documents oil production increases ranging from 25-90% with a dramatic reduction of water cut.

These Papers were selected for presentation and officially approved for publication by: The Program Committee for the 2009 SPE Annual Technical Conference in New Orleans, Louisiana 4-7 October 2009; The Program Committee for the 2010 SPE Improved Oil Recovery Symposium in Tulsa, Oklahoma 24 -28 April 2010; The SPE Kuala Lumpur, Malaysia Enhanced Oil Recovery Conference July 2011; The SPE Tulsa Improved Oil Recovery Symposium April 2012.



We Get the Golf Ball Out of the Coke Bottle and Release Trapped Oil Adhering to the Rock Surface

Micro Oil Droplets Can Now Flow Out of Microscopic Reservoir Rock Pore Spaces

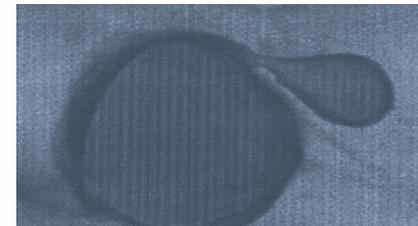
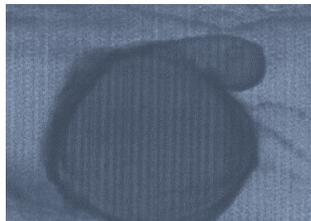
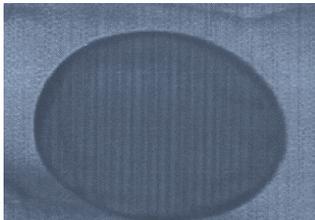


How the Technology Works

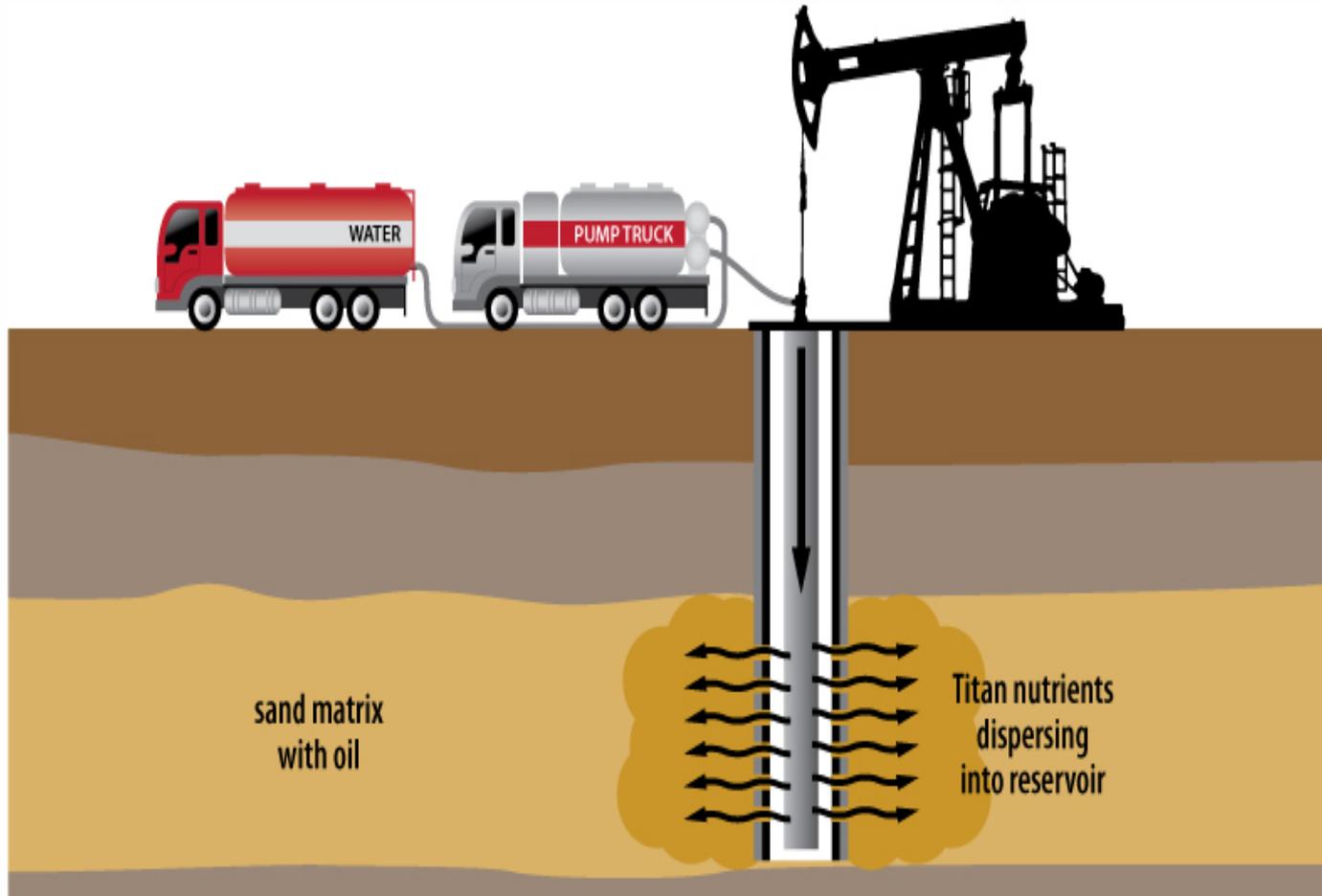
Naturally Creating Micro Oil Droplets



- Special Nutrients are injected in producing wells and injection wells to feed the trillions of microbes living in the reservoir
- Certain resident microbes respond to the nutrients and change, wanting more oil on their skin. They then surround oil globules and distort the oil
- The oil globules are now deformed and break into smaller droplets
- Micro-droplets flow more freely through the reservoir rock and can be recovered from the reservoir
- Microscopic photo below of actual real time microbial interaction with oil droplet.



Simple Application



The Titan Process

Easy to Get Started

Proven - Proprietary - Eco Friendly - Low Cost - High Margin

- **1. Field Screening** Simple Reservoir Questionnaire.
- **2. Laboratory Analysis** The “Core” of the Process.
- **3. Field Test** An In-field one well test process and analysis
- **4. Pilot** Water injection system trial on multiple injectors servicing producing oil wells
- **5. Full Field Recovery** We administer the process on field wide injection wells, dramatically increasing oil recovery





Valuable Patents

5 Granted 3 Pending

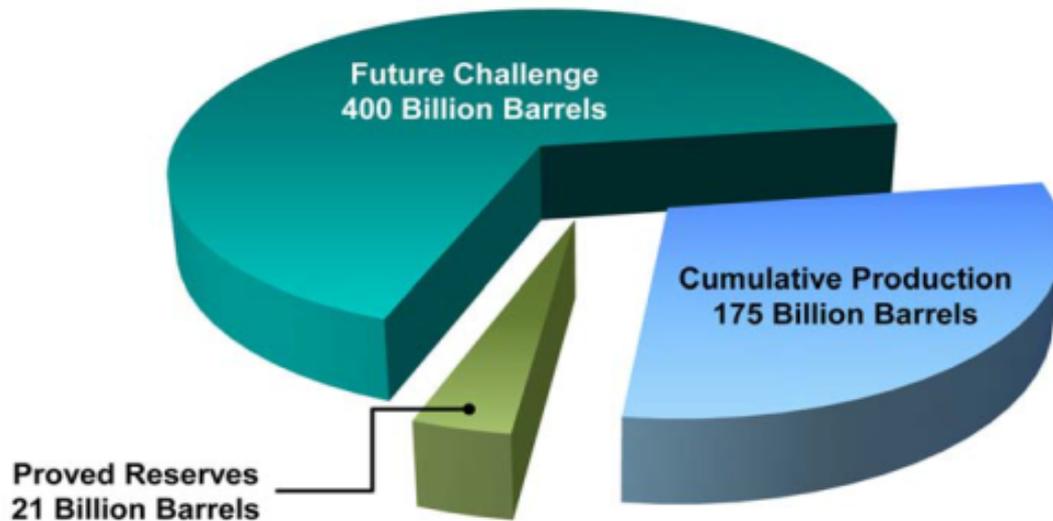
- Permeability Modification: **Granted**
- Gravity Assisted EOR: **Granted**
- Tracer Technology for Fluid Flow: **Granted**
- Carbonate Reservoir Recovery Breakthrough
- Wettability Alteration
- Low Salinity Enhancement **Granted**
- Microbial Assisted Water and Gas Alternating: **Granted**
- New Delivery of Nutrients

Trapped Oil

U.S. Market
\$25 Trillion

Global Market
\$300 Trillion

Original Oil in Place: 596 Billion Barrels*
"Stranded" Oil in Place: 400 Billion Barrels*



*Excludes deepwater Gulf of Mexico

Source: Advanced Resources Int'l. (2008)

300 energy professionals vote Titan Oil Recovery the Most Promising Energy Company Award



Rice Alliance Technology Forums in Houston is one the largest energy technology forum in the world

Rice Alliance sponsors include:



Financial Projections

(Millions \$)

Financial Projections (millions except EPS and Share Price)					
Revenue:	Year 1	Year 2	Year 3	Year 4	Year 5
Oil Revenue	\$ 15.93	\$ 57.80	\$ 93.67	\$ 137.18	\$ 199.29
Gas Revenue	0.10	0.34	0.53	0.75	1.06
Service Revenue (Excl. North Sea Hunting)	1.01	5.79	22.98	66.60	151.65
North Sea Hunting	2.00	15.00	45.00	90.00	120.00
Alliance Agreement Revenue	1.16	6.46	11.90	16.12	21.47
Total Revenue	\$ 20.19	\$ 85.39	\$ 174.08	\$ 310.66	\$ 493.47
Operating Expense	21.27	62.59	112.38	181.34	261.02
Net Income	\$ (2.12)	\$ 17.32	\$ 39.09	\$ 84.04	\$ 152.30
EBITDA	\$ 4.33	31.45	70.12	134.22	231.59
EPS	\$ (0.03)	\$ 0.22	\$ 0.49	\$ 1.05	\$ 1.90
Share Price: Multiple	12	\$ 2.60	\$ 5.86	\$ 12.59	\$ 22.82

Investment

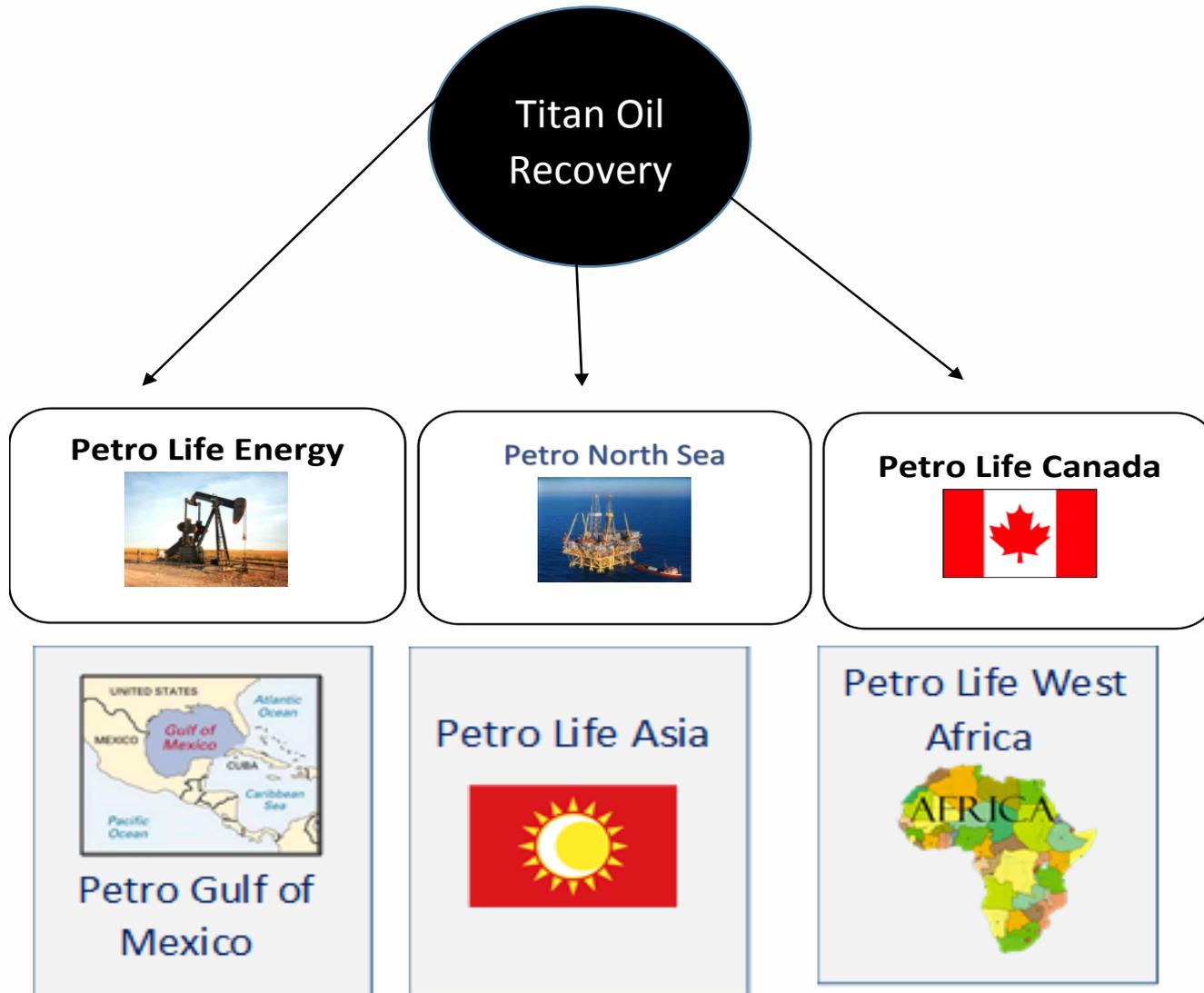
- \$25,000,000
- Marketing and Operations
- Acquire Oil Properties

Use of Funds

USE OF FUNDS	
Field Acquisition and Production	
Field Acquisitions	\$14,500,000 *
Acquisition and Divestiture Professionals (Landman, Engineers)	\$780,000
Sub-Total	\$15,280,000
Service Business & Management	
G&A Expenses, Science and Technology, Field Operations	\$2,100,000
Intellectual Property Purchase Payments	\$3,917,481
Investment Banking, Consulting and Fees Associated with the Investment Raise	\$2,500,000
Payables and Unreimbursed Business Expenses	\$1,031,456
Sub-Total	\$9,548,937
Contingency	\$171,063
Total	\$25,000,000
* Acquiring oil fields with 50% debt and 50% equity would equate to \$29 million in acquisitions	

Alliance Companies

Shareholders Distributed Shares in Two Separate Oil Service/Production Companies at no Cost, More Planned for the Future to Address the \$300 Trillion Market



Global Professionals Involved

- **Brian Marcotte** – Former president of three major production countries for Unocal before the Chevron merger
- **Dr Alan Heeger** - Nobel Laureate in Chemistry
- **Ron Harrell** – Former CEO and Chairman of Oil Engineering and Consulting firm Ryder Scott and Senior Adviser to Carlyle Group and Morgan Stanley Energy Partners
- **Scot Evans** – Currently Vice President of Halliburton’s Integrated Asset Management
- **Saad Turaiki** - Ex-Chief Petroleum Engineer overseeing the management of all oil and gas fields in Saudi Aramco. Ex-Vice President managing all oil fields in Southern Region responsible for 6-7 million bbls of production per day
- **Sammy Hamzah**- Vice Chairman of the Indonesian Petroleum Association, CEO of PT Ephindo Indonesia, Former Senior Vice President, Unocal Indonesia.
- **Bill Daily** – Ex VP of Atlantic Richfield (world’s 7th largest oil company before being bought out by BP). In his last CEO position – his company was bought out for \$3 billion.
- **Roger Lemons** – CEO Petro Life, ex-Mgn. Dir. Jeffries, Ex. VP Winter Ridge Energy, 16 Years Unocal, Eng.
- **Gary Awad** – Ex VP of Unocal – His last energy deal (Lead Board member) was bought out for \$1.2 billion
- **Dr. Warren Kourt** – Professor of Oil & Gas at Stanford University
- **Congressman Dan Burton** – 15 Term former Member of U.S. Congress, Chm. of House Government Oversight Committee & Ranking Member of Foreign Affairs Committee; Chm. Sub Committee Europe.
- **Kenneth J. Gerbino** – Involved with only two investment banking deals prior to Titan; Athena Gold which was bought out by Miramar Mining which then was bought out by Newmont Mining for \$1.5 billion and Fortress Technology which was bought out by General Dynamics for \$120 million.



Board of Directors



Kenneth J. Gerbino, Chairman

- **Head of Kenneth J. Gerbino & Company**, an investment management firm now in its 42nd year. Previously a **Director of the Los Angeles Unified School District Annuity Reserve Board** and Fortress Technologies, Inc. Former co-manager of the publicly traded mutual fund, The Growth & Income Fund. **Founder and ex-Chairman of the American Economic Council**, a nationwide economic reform group credited with the passage of the United States Gold Coin Act of 1984, establishing the U.S. Gold Eagle coin. Former member of the Senatorial Trust in Washington, D.C. Former financial analyst for Litton Industries and Republic Corporation. B.S. Ithaca College. MBA from Syracuse University.

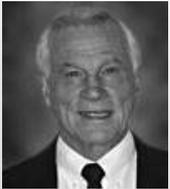


Brian W. G. Marcotte, Director

- Brian Marcotte has over 43 years of experience in the oil and gas industry ranging from technical positions to executive management. During his career with Unocal Corporation, he held the positions of: **President Unocal Thailand, President Unocal Indonesia, President Unocal Netherlands, Corporate Vice President Public Policy, Health Environment and Safety, Vice President Unocal US Western Region, and Vice President of Technology and Asset Management. He served as Chairman of the Unocal Foundation.** Mr. Marcotte has also served as **President of the Board for the Indonesian Petroleum Association, Vice Chairman of the Petroleum Institute of Thailand's Council of Trustees, member of the Thailand Development Research Institute, the Sasin Graduate School of Chulalongkorn University Advisory Council.** Honored (2005) as a Distinguished Member of the Society of Petroleum Engineers. Ex- Chair the International Leadership Council of The Nature Conservancy. Board of Trustees of Marymount California University. He has a B.S. in Petroleum Engineering from the University of Southern California.

Board of Directors

Robert W. Carroll, Director



- **Chairman and CEO of the Biofriendly/Green Plus group.** Active inventor, co-inventor of Green Plus® combustion catalyst. **Co-inventor of the Vortoil oil-water separator** system and other environmental products. **Co-founder of BWN Automatic Doors, BWN Vortoil and Live Oil Services.** The Vortoil oil-water separator won the Prince of Wales Award for innovation and later won the Queen's Award for the best new technology introduced to the North Sea. It was stated that without the Vortoil oil-water separator the North Sea would not have been able to enjoy its high level production growth.

Dr. Colin Hill, Director



Emeritus Associate Professor of Microbiology, Radiation Oncology and Molecular Immunology, Keck School of Medicine of USC. Member Department of Energy Review Committees 1983-2005 Member NASA Review Committees 1983-2005, Chief Consultant Scientist for Biofriendly Corporation, Member Board of Editors of International Journal of Radiation Biology, Author of 176 Published Papers and Abstracts on various subjects having to do with cell organisms

John Sibert, III, Director



- Dr. Sibert is a member of the Malibu California City Council and serves as Mayor. He is former **Managing Director of Global Financial Group, ex-Manager of Research and Development for Atlantic Richfield. Division Administrator of the California Institute of Technology, Trustee of Claremont Graduate University, Consultant to NASA and Jet Propulsion Lab., Board of Governors of the National Coastal Resources Institute, Advisory Board of the Oceans and Atmosphere Association. Ex-Executive Director of the Alaska Science and Technology Foundation.** Ph.D. University of California, San Diego.

Board of Directors



Scot Evans, Director

- Scot Evans is currently **Vice President of Halliburton's Integrated Asset Management Group**, responsible for global oil and gas asset management for 11 producing properties. His 21 year experience with Halliburton includes development of business relationships with senior managements of National and International Oil Companies. He has 32 years experience in the oil & gas industry from his past positions at Exxon. He is a specialist in Mature Field Development and Asset management. His international experience includes Africa, Asia, Europe and Latin America.



Michael T. Carroll, Director

- Mr. Carroll has most recently served as **Vice President of Technology for LOSL** (now merged with Titan) and Senior Vice President Operations for Biofriendly Corporation. He also serves as **CEO and Chairman of the Board of Helio Environmental Solutions**, an alternative energy company bringing zero-emission energy to market. He previously served as **Vice President Sales and Marketing for Biofriendly Corporation** and was a Senior Project Engineer for Peck/Jones Construction. Mr. Carroll holds a Bachelor of Science in Construction Management from California Polytechnic, San Luis Obispo.

Management Team



Kenneth J. Gerbino, Founder, Chairman and acting CEO

- **President of Kenneth J. Gerbino & Company – Investment managers 43 years**
- **Previously Director of the Los Angeles Unified School District Annuity Board, Athena Gold Corp and Fortress Technologies**
- **Founder & Ex Chm. of the American Economic Council, credited with passage of the US Gold Coin Act of 1984.**
- **Former Financial Analyst for Litton Industries and Republic Corporation. B.S. Ithaca College, MBA Syracuse Univ.**



Professor Colin Hill , Vice President and Senior Scientist

- **Emeritus Associate Professor of Microbiology, Radiation Oncology and Molecular Immunology, Keck School of Medicine of USC.**
- **Member Department of Energy Review Committees 1983-2005**
- **Member NASA Review Committees 1983-2005**
- **Chief Consultant Scientist for Biofriendly Corporation**
- **Member Board of Editors of International Journal of Radiation Biology**
- **Author of 176 Published Papers and Abstracts on various subjects having to do with cell organisms**

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Steven P. Ramones, Controller

- **30 year career in the oil and gas industry – accounting & planning**
- **Positions at Unocal included:**
- **Responsible for implementing accounting policies and procedures for Unocals U.S. and international business units.**
- **Responsible for financial reporting of environmental liabilities**
- **Audits and information systems, Company-wide financial and income tax forecasts**
- **B.S. Accounting Cal Sate Long Beach, MBA, UCLA**

Advisory Board



Dr. Alan J. Heeger

- **Dr. Heeger is the recipient of the Nobel Prize in Chemistry 2000** for his research and discoveries in the field of conductive polymers. He is currently **Professor of Physics and Professor of Materials at the University of California, Santa Barbara**. Dr. Heeger has 60 issued patents and has written over 600 professional articles for leading scientific publications. He was **Founder, Chairman, and President of UNIAX Corporation**. Dr. Heeger has been the recipient of many prestigious Honorary Degrees at leading domestic and international colleges and universities.



Gareth C. C. Chang

- Mr. Chang has served on the **Board of Directors of Apple Computer, Palm, Inc., and Agile Software**, and has been a member of **Nike's Advisory Board**. He brings more than 30 years of international business experience to Titan's Advisory Board with a special emphasis on China. Mr. Chang is **Former Chairman and CEO of News Corporation's STAR TV, Senior Vice President of Hughes Electronics Corporation, President of Hughes Electronics International, Chairman of Hughes JVC Technology, Corporate Vice President of McDonnell Douglas Corporation**, and founding **Chairman of McDonnell-Shanghai Aviation Executive Management Board**. He was named one of the "125 Thinkers of the World" by Forbes magazine.



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