## COMPANY PRESENTATION REX INTERNATIONAL HOLDING

SGX CIMB Conference Singapore, 28 May 2015 change the game The information contained in this presentation has not been independently verified. The Company and its representatives assume no responsibility or liability whatsoever (in negligence or otherwise) for, the accuracy or completeness of, or any errors or omissions in, any information or opinions contained herein nor for any loss howsoever arising, whether directly or indirectly, from any use, reliance or distribution of this presentation or its contents or otherwise arising in connection with this presentation. It is not the intention to provide, and you may not rely on this presentation as providing a fair, accurate, complete or comprehensive analysis of all material information concerning the Company, or the Company's financial or trading position or prospects. The information and opinions contained in this presentation are provided as at the date of this presentation and are subject to change without notice.

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Rex International Holding owns the proprietary gamechanging suite of Rex Technologies, including Rex Virtual Drilling (RVD), a direct hydrocarbon indicator.

The Company provides RVD screening services to partners and clients for a fee and has been using the Rex Technologies to grow and de-risk its geographically diversified portfolio of onshore and offshore exploration and development assets.



## CAPEX LIGHT STRATEGY CENTRED ON REX TECHNOLOGIES

# REX INTERNATIONAL HOLDING REX INT'L INVESTMENT

#### Technology Services Provider

#### Rex Technology Management

 Yearly contracts of approximately US\$10m

#### Sources of revenue:

- Intellectual property fees
- Screening fees
- Success fees / potential royalties

#### Rexonic AG

 Signed ~ US\$10m contract with a national oil company (over 24 months)

#### Source of revenue:

Service fees

#### **Exploration & Production Assets**

No. of licences increased from 10 at IPO to current 25

- Lime Norway 16 licences
- Lime Middle East 4 licences
- Caribbean Rex 2 licences
- Australia
   1 licence
  - US (through Fram 2 assets Exploration ASA)

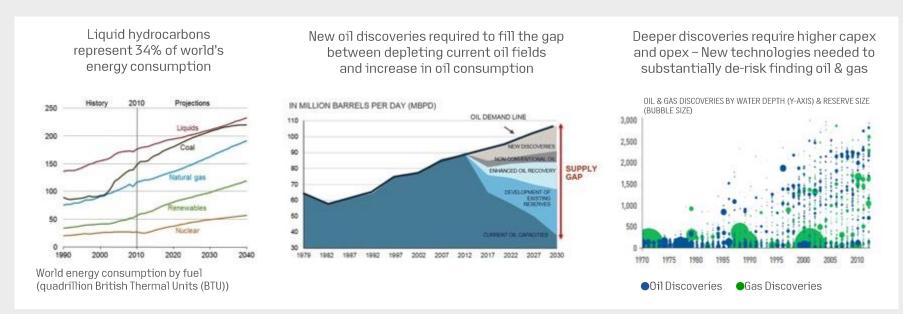
#### Sources of revenue:

- Sale of assets
- Dividend from joint ventures



#### DEMAND FOR LIQUID FUEL IS HIGH BUT OIL IS GETTING HARDER TO FIND AND REACH

Efficiency is only 10-15% on a worldwide average when trying to find new oil/gas accumulations

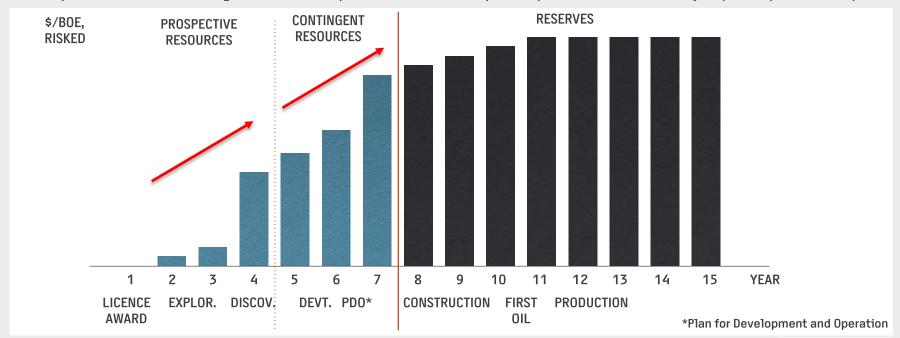


Source: EIA, International Energy Outlook 2013; Scottish Enterprise, Oil & Gas industry 2008-2017 report



#### FOCUS ON STAGES IN THE E&P VALUE CHAIN WHERE THERE ARE SIGNIFICANT INCREASES IN VALUE

Prove up value; sell oil-in-the-ground in the exploration and development phases vis-a-vis heavy capex in production phase

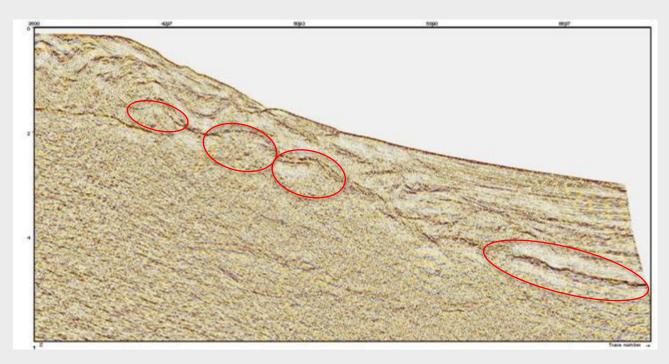




## THE DIFFERENTIATOR - REX VIRTUAL DRILLING



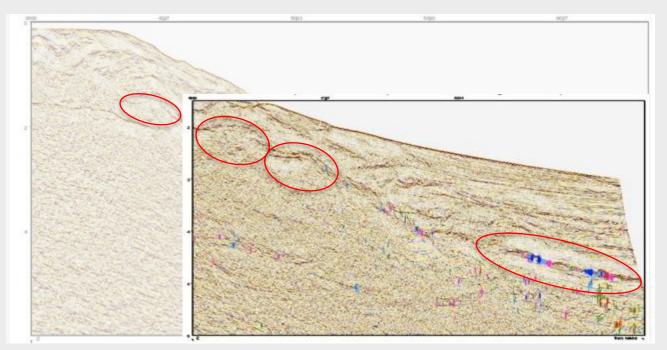
#### MANY PROSPECTS. WHICH ONE'S THE BEST?



Work process: → Look for structures → Estimate likelihood of hydrocarbons in structure → Drill or drop decision



#### **CHANGE THE GAME – THE EFFECT OF MORE INFORMATION**



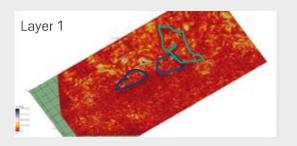
Work process: → Locate liquids with Rex Virtual Drilling → Position liquid oil in structures with conventional geological analysis → Drill or drop decision

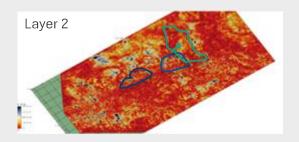


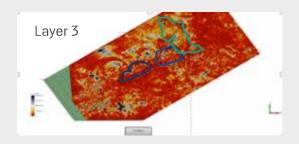
Rex Virtual Drilling is a proprietary software that analyses seismic data to locate liquid hydrocarbons both onshore and offshore

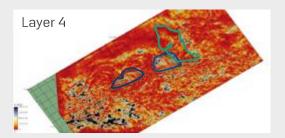


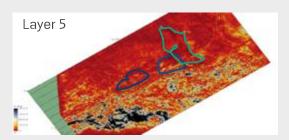
## PROSPECTS IDENTIFIED USING CONVENTIONAL GEOLOGICAL ANALYSIS HYDROCARBONS DETECTED USING REX VIRTUAL DRILLING™\*

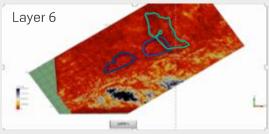












\*A proprietary algorithmic software that analyses seismic data to locate liquid hydrocarbons both onshore and offshore



### HIGH SUCCESS RATES WITH REX VIRTUAL DRILLING

BEFORE IPO, 18 BLIND AND LIVE TESTS WERE CONDUCTED:

Blind tests: India - 1, USA - 1, Norway - 10, New Zealand - 1; Live tests: UAE - 1, Norway - 4



USED REX VIRTUAL DRILLING ON 41 PROSPECTS MONITORED BY NORTH ENERGY OVER PAST 2 YEARS: Out of 41 wells drilled, 35 predicted were correct



#### 16 predicted positive

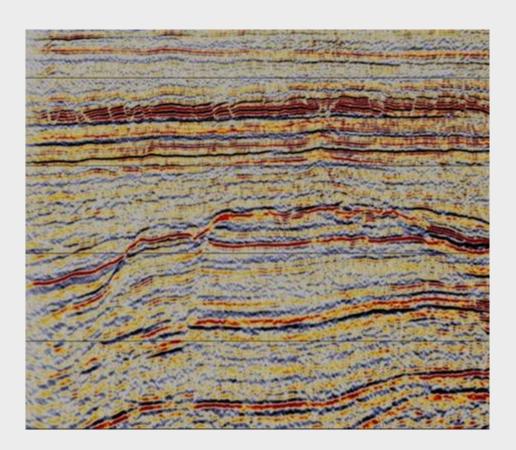
- 11 drilled with commercial oil (69%)
- 5 failures had weak anomalies (decision to drill based on North Energy's own interpretation of data)

#### 25 predicted negative

- 24 out of 25 were dry (96%)
- Savings in 2012/13
- Full effect in 2014



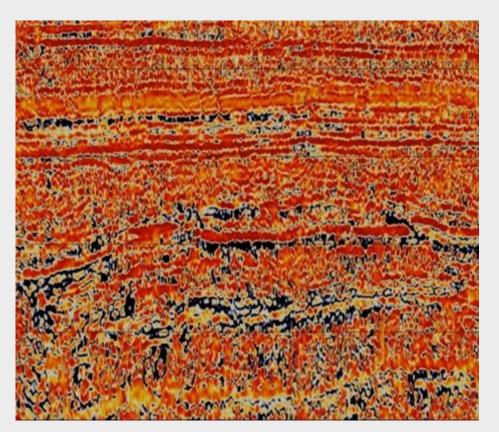
## SEISMIC INTERPRETATION - TRADITIONAL METHOD



Risk category	Risk factor	Risk value	
D.Trop	Trap geometry	0.80	
P Trap	Seal	0.85	
P Reservoir	Reservoir presence	0.70	
	Reservoir quality	0.80	
D 01	Source	0.65	
P Charge	Source efficiency	0.85	
P Discovery		0.22	



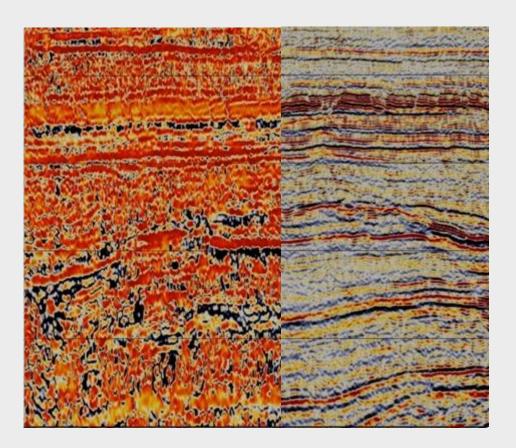
#### **REX VIRTUAL DRILLING RESULTS**



Risk category	Risk factor	Risk value	
D. Trop	Trap geometry	0.95	
P Trap	Seal	0.98	
P Reservoir	Reservoir presence	0.99	
	Reservoir quality	0.85	
P Charge	Source	0.95	
	Source efficiency	0.99	
P Discovery		0.74	



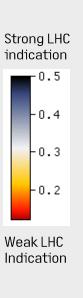
#### REX VIRTUAL DRILLING vs TRADITIONAL SEISMIC



Risk category	Risk factor	Risk value	
D. Trop	Trap geometry	0.95	
P Trap	Seal	0.98	
P Reservoir	Reservoir presence	0.99	
	Reservoir quality	0.85	
P Charge	Source	0.95	
	Source efficiency	0.99	
P Discovery		0.74	

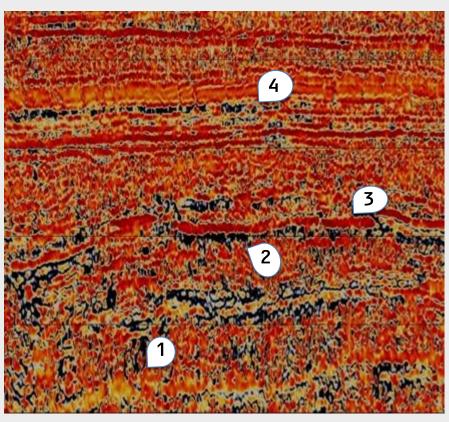


#### **REX VIRTUAL DRILLING v2 - INTERPRETATION**



Indication

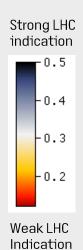
LHC: Liquid hydrocarbon



#### What may Rex Virtual Drilling reveal?

- 1 source rock and migration
- 2 hydrocarbon filled reservoir
- 3 cap / seal integrity
- 4 secondary reservoir





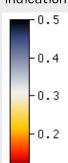
LHC: Liquid hydrocarbon

Rex Virtual Drilling v2 result

Top view depicting excellent seal (in red)

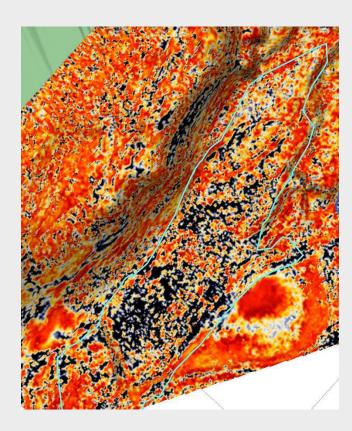


Strong LHC indication



Weak LHC Indication

LHC: Liquid hydrocarbon



Rex Virtual Drilling v2 results

Top view depicting reservoir below seal (in black)

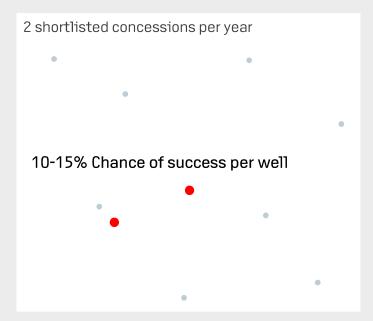


### REX VIRTUAL DRILLING v2 - IMPROVEMENTS

- Rex is continuously developing the technology for future demands
  - We will be confronted with complex geological setting in the future. The days of easy-tofind oil are over. Newer play types are emerging. Cutting edge technology is the key for success.
  - Rex Virtual Drilling v2 is a major step to address this frontier direction
- Rex Virtual Drilling has proven to be robust and scalable
- With the latest Rex Virtual Drilling v2, we have achieved
  - better depth control (vertical resolution)
  - o precise reservoir extent (lateral resolution)
- More observation points leading to improved computation



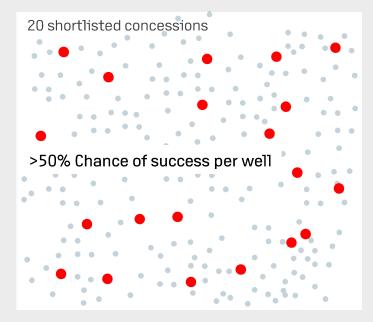
## TYPICAL MID-CAP E&P COMPANY - CONVENTIONAL INTERPRETATION



10 concessions reviewed conventionally per year

#### REX GROUP

#### - REX VIRTUAL DRILLING



200 concessions expected to be scanned (2015)



#### **EXPLORATION STAGE** Typical mid-cap E&P company Rex International Holding **SCREENING** Can screen 5-10 Can screen 100+ opportunities Licenc Licenc opportunities a year Licenc a year as each screening takes only 4-6 weeks Conventiona **Rex Virtual** method **Drilling** Adds 1-2 concessions Adds 10 concessions (assuming 10% of those (assuming 10% of those screened are selected) screened are selected) DRILLING SUCCESS RATE **RESULT** Limited portfolio with higher risks of not finding oil Bigger portfolio of higher quality assets i.e. risks decreased



#### **EXPLORATION SUCCESS RATE OF FINDING OIL: 50%**



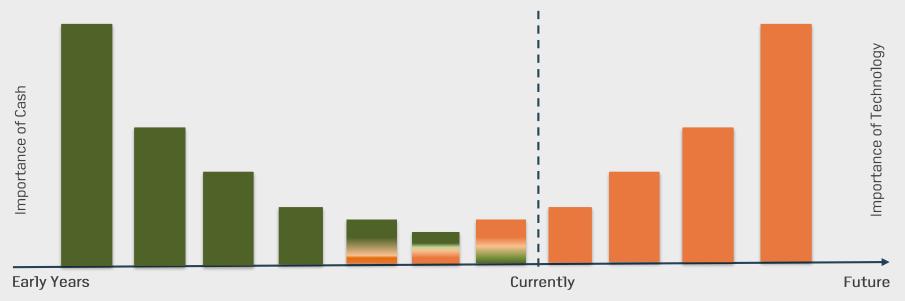
#### TRADITIONAL E&P COMPANY'S SUCCESS RATE: ABOUT 10%



	REX INTERNATIONAL HOLDING	TRADITIONAL PLAYERS
Exploration success rate of finding oil	> 50%	10% – 15%
Pre-drilling costs	Under \$100,000	May go in millions
Time required to identify proposals	4 – 6 weeks	1 - 3 years
Involvement	Participation by equity holding	

Assumptions			
Reservoir	50 m barrels		
Oil in the ground price	US\$ 5 / bb1		
Interest	20%		
Capex	US\$10 million		
Profit	US\$40 million		





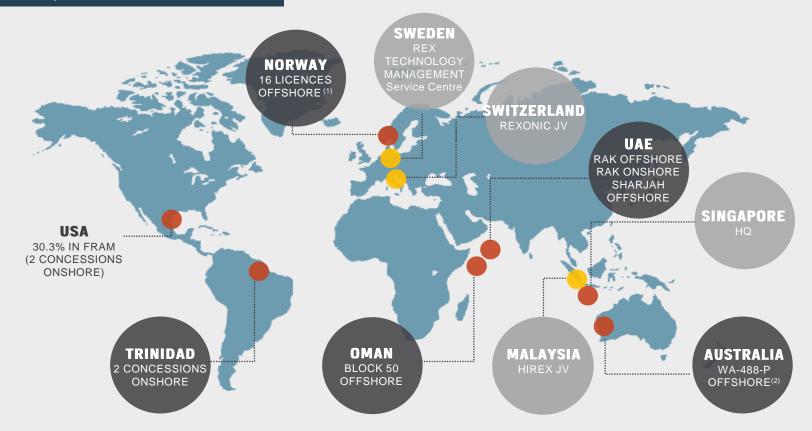
 Cash investment needed to farm-in  Acquire equity stakes in exchange for use of technology; cash for drilling programme  Processing fee for use of technology and success fee



## ASSET HIGHLIGHTS

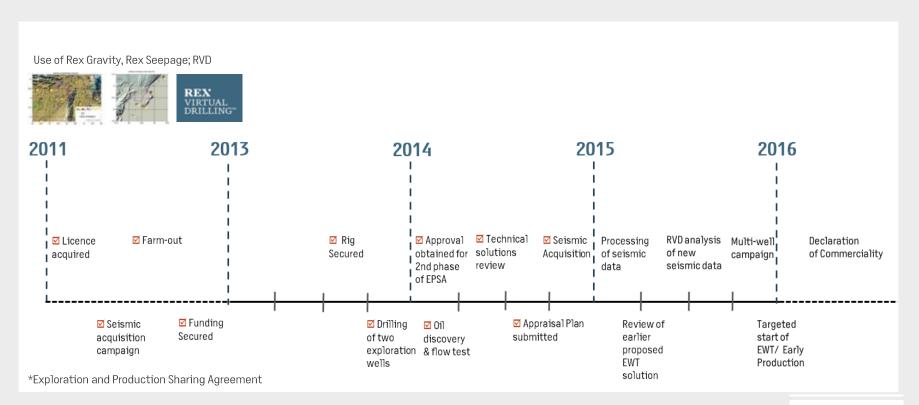


## EXTENSIVE INTERNATIONAL PORTFOLIO: 25 LICENCES, 6 COUNTRIES

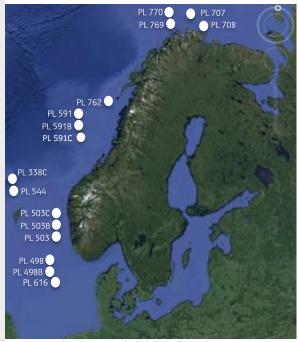


- (1) Interest in PL616 and PL544 licences are pending authorities' approval
- (2) 30% stake pending authority's approval









Not drawn to scale. Strictly for illustrative purposes

#### LIME PETROLEUM NORWAY

- Stakes in 16 concessions\*
- 6 firm wells: PL338C Spudded Feb 2015;

PL591 – Jun 2015; PL616 – Jun 2015;

PL 338C (Rolvsnes) - Q3/Q4 2015; PL 544 - Q3/Q4 2015

PL708 - Nov 2015

#### **NORTH ENERGY**



- 5.35% stake in North Energy
- 3 firm wells:
   PL591 2Q 2015; PL616 2Q 2015; PL708 4Q 2015



<sup>\*</sup> Interest in PL616 and PL544 licences are pending authorities' approval



 98.5% stake in Caribbean Rex, which holds interests in South Erin block and Cory Moruga

#### **South Erin**

**Location:** South-west Trinidad

Size: 5.5 sq km

Licence holding entity's stake:

100%

Rex's effective stake: 98.5%

Recent activity:

2 successful wells out of 3 wells

drilled

Current production: 190 bpd

#### **Cory Moruga**

Location: Southern basin, Trinidad

Size: 30 sq km

Licence holding entity's stake:

83.8%

Rex's effective stake: 82.5%

Recent Activity:

2-well drilling programme underway



<sup>#</sup>Drilling programme is subject to availability of suitable rigs, agreement and contribution of funding by concession partners and operators, regulatory approval and other factors.

\* Pending regulatory approval

	OONOCOOLON	EFFECTIVE	ODEDATOR	ONSHORE/	GROSS MEAN UNRISKED PROSPECTIVE 2015		2016		
	CONCESSION	INTEREST	OPERATOR	OFFSHORE	RESOURCES	2Q	3Q	4Q	1Q
	PL 591	RIH: 16.3%	Tullow Oil Norge AS	Offshore	PL591/B/C: 256 mmboe; (GCoS 27) (North Energy ASA , 12 Feb 2015)				
	PL 616	RIH: 3.3%*	Edison Norge AS	Offshore	103 mmboe, (GCoS 25) (North Energy ASA, 12 Feb 2015)				
	PL 707	RIH: 6.5%	Edison Norge AS	Offshore		DoD			
	PL338C (Rolvsnes)	RIH: 19.5%	Lundin Norway AS	Offshore	118 mmboe (Lundin Norway AS, 17 Nov 2014)				
NORWAY	PL 544	RIH: 19.5%*	Lundin Norway AS	Offshore					
NOR	PL 503 / PL 503B / PL 503C	RIH: 8.1%	Lotos E&P Norge AS	Offshore			DoD		
	PL 708	RIH: 6.5%	Lundin Norway AS	Offshore	316 mmboe (North Energy ASA, 12 Feb 2015)				
	PL 498 / PL 498B	RIH: 16.3%	Lotos E&P Norge AS	Offshore	75 mmboe; P(50) (North Energy ASA, 9 Feb 2012)			DoD	
	PL769	RIH: 13%	OMV (Norge) AS	Offshore					DoD
	PL 770	RIH: 13%	Edison Norge AS	Offshore					DoD
T&T	Cory Moruga	82.5%	Caribbean Rex Ltd	Onshore					
MIDDLE	0man	RIH: 31% (after DOC)	Masirah Oil Ltd	Offshore	4,743 mmboe (Hibiscus Petroleum; Aker Geo and Pareto Asia, 28 Feb 2012)				EWT

#### **REX INTERNATIONAL HOLDING**

#### Stakes in 25 concessions in Norway, Oman, Trinidad & Tobago, the UAE, the US and Australia.

Listing on Catalist	31 July 2013	DEBT FREE	
SGX / Bloomberg Stock code	5WH / REXI SP Cash & Quoted Investments @ 31 N		:015:
Subscription of public tranche	153x	USD 100.9 m	
Share price at IPO	SGD 0.50	Drilling programme - additional funding available at subsidiary level	
SHARE FACTS AS AT FRI, 22 MAY 2015	(CLOSING)	ANALYST COVERAGE	
Share price @ 22 MAY 2015	SGD 0.30	Target price by DBS 7 0ct 2014	SGD 1.05
Number of shares	1,264,157,263	Target price by UOBKH 28 Nov 2014	SGD 0.85
Market capitalisation	SGD 379.2 m	Target price by SP Angel Jan 2015	SGD 0.87
Share price development since IPO	-40%		
Avg daily trading vol. since IPO	7.1 m shares		
Avg daily trading vol. in last 10 days	1.7 m shares		

MAJOR SHAREHOLDERS as at 9 Apr 2015				
Rex Commercial	44.05%			
FIL Limited (Fidelity)	8.04%			
(Alan) Wang Yu Huei	5.09%			
PUBLIC FLOAT	42.76%			
<ul> <li>Schroders &amp; Co Bank AG</li> </ul>				
<ul> <li>White Global Investments Holdings</li> </ul>				
Total	100.0%			



#### CONTACT

#### **INVESTORS AND MEDIA**

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Email: ir@rexih.com

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## REX TECHNOLOGIES



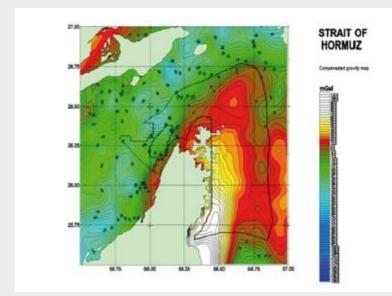
seismic data.

EXPLORATION STAGE			PRODUCTION STAGE
SATELLITE DATA	SATELLITE DATA	SEISMIC DATA	ULTRASOUND
<b>REX</b> GRAVITY™	<b>REX</b> SEEPAGE™	<b>REX</b> VIRTUAL DRILLING™	rexonîcs
An algorithmic software which creates higher- definition gravity anomaly maps to identify areas to hone in on for the targeted acquisition of	An algorithmic software which creates slick detection data charts based on thermal satellite imaging to identify areas to hone in on for the	An algorithmic software which analyses seismic datasets to identify the location of liquid hydrocarbons in the ground.	An environmentally-friendly, high-power ultrasonic system to stimulate producing commercial wells without any down time.

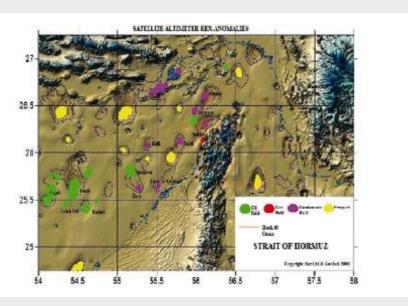
acquisition of seismic data.



#### **COMPARISON:** TRADITIONAL vs REX



Traditional satellite gravity anomaly chart



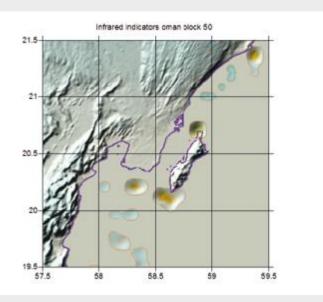
Presence of gravity anomalies better defined with Rex Gravity



#### **COMPARISON:** TRADITIONAL vs REX



Traditional photo image of oil slicks, showing singular slicks



Rex Seepage showing oil slicks using superimposed satellite slick detection data charts



#### **DE-RISKING HYDROCARBON EXPLORATION USING REX VIRTUAL DRILLING**

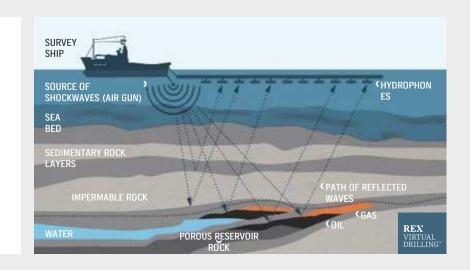
Detects the presence of hydrocarbon accumulations as well as migration paths

Provides information about fluid type (oil/brine)

Provides volumetric reserve information

Works on both offshore and onshore seismic data

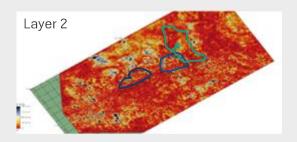
The Rex Technologies are developed and fully owned by Rex Technology Management Ltd.

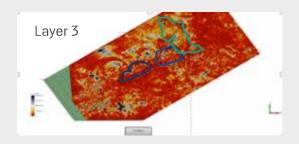


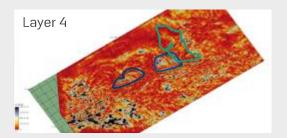


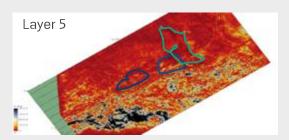
## ■ PROSPECTS IDENTIFIED USING CONVENTIONAL GEOLOGICAL ANALYSIS HYDROCARBONS DETECTED USING REX VIRTUAL DRILLING™\*

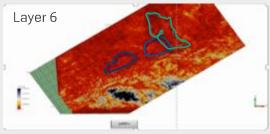








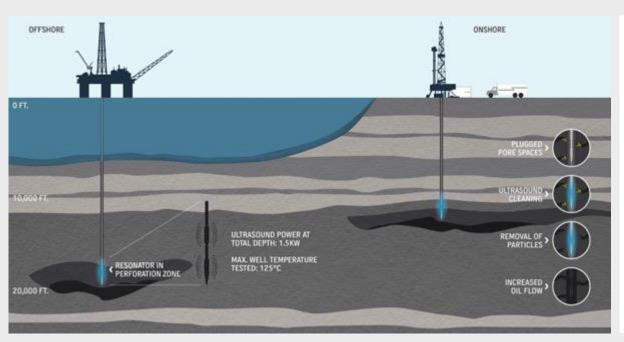




\*A proprietary algorithmic software that analyses seismic data to locate liquid hydrocarbons both onshore and offshore



#### **WORLD'S FIRST ULTRASOUND SYSTEM FOR COMMERCIAL OIL STIMULATION**



**WATER** – No water waste, no water pollution, no sea contamination

AIR – No air pollution before, during and after the treatments

**GROUND** – No ground contamination before, during and after the treatments

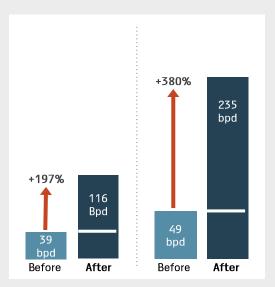
**HEALTH AND SAFETY** – No hazard for human resources, no hesitation against health problems

**DIFFERENTIATORS** - No chemicals

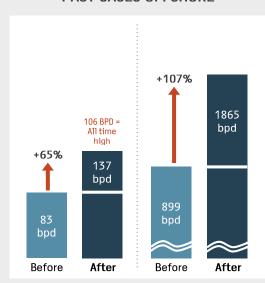


#### FIELD TESTED TECHNOLOGY - Proven that oil production can be increased by 30% up to 380%

#### PAST CASES ONSHORE



#### PAST CASES OFFSHORE



#### **CLIENT ADVANTAGES**

- Short downtime of less than 2 hours
- · Less environmental risks
- Cheaper than common chemical treatment procedures
- · Easy to scale technology



#### **REX TECHNOLOGIES**

SATELLITE DATA SEISMIC DATA



An algorithmic software which creates higher-definition gravity anomaly maps to identify areas to hone in on for the targeted acquisition of seismic data.



An algorithmic software which creates slick detection data charts based on thermal satellite imaging to identify areas to hone in on for the acquisition of seismic data.



An algorithmic software which analyses seismic datasets to identify the location of liquid hydrocarbons in the ground.



An algorithmic software which analyses seismic datasets to identify the location of gaseous hydrocarbons in the ground

